



# MILITARY APPRECIATION WEEK

Celebrating America's Warriors of Freedom

MAY 9-16, 2015

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THE  AEGIS



## APG NEWS

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# Persistence at Aberdeen Proving Ground

I chose to start this message about Aberdeen Proving Ground with a word: persistence. I chose this word because I believe it accurately describes our Army and our installation. I believe it is also a reflection of the attitude and ethic of Team APG. It embodies the moral belief that drives every member of Team APG to never fail, never give up, and to always go the extra mile.

In order to ensure our men and women in uniform, whether in harm's way in some unforgiving land, belching orders from a tower on a range at Fort Jackson, or guiding a scalpel in a hospital operating room, Team APG is committed to ensuring they are the best equipped and best sustained force the world has ever known.

In spite of ongoing budgetary uncertainty, 2014 was an extremely successful year for Team APG and thus far, 2015 is on track to be just as successful. Our workforce continues to demonstrate resilience and fortitude, learning along the way to work smarter and creating efficiencies.

We deployed several military teams and individuals in support of overseas contingency operations, including the first unit from Maryland to face off against Ebola in West Africa. The 1st Army Medical Laboratory tested thousands of samples which led to the identification or prevention of the spread of Ebola during the worst outbreak in history. The Edgewood Chemical and Biological Center (ECBC) in partnership with Joint Program Executive Office for Chemical and Biological Defense (JPEO CBD) conducted one of the most historic missions in the Middle East by developing the process and equipment, then mobilizing to destroy chemical weapons recovered from Syria.

We are grateful for their safe return, but we must continue to keep those who paid the ultimate sacrifice and their loved ones in our thoughts and prayers. We must continue to keep those still standing in harm's way in our thoughts and prayers as well.

As the Army's home of technology, APG supports and empowers our Warfighters around the globe by delivering new technologies and applying innovative solutions based on lessons learned, ongoing research and feedback from the

front-lines. APG is a hub of collaboration among a talented workforce who are unmatched in skills, forward thinking and expertise. This work truly makes the difference to our Warfighters.

Moving forward, we must continue to adjust to leaner times. If we all work together to ferret out even the smallest inefficiency and eliminate organizational stovepipes, we can discover and employ new solutions and best practices and continue to forge Team APG's path in the 21st Century Army.

We must work together...we must be persistent and collaborate, not only internally, but externally with our Army, DOD, federal government and community partners. We must work with our subordinates as well as our higher headquarters in order to complete each mission successfully with one thing in mind—the man or woman in harm's way who is counting on us to ensure they are the best equipped fighting force in the world.

We must refocus and redouble our efforts to return to the basics if we are to remain the nation and the world's premiere fighting force.

We must be persistent and live by the Army standards and values; commit to excellence every day; demonstrate strong leadership and teamwork; be innovative, agile and responsive; be transparent and communicate openly; and finally, care for our teammates and family members. If we – not only the Soldiers in uniform, but the civilian workforce – commit to excellence and pledge to return to basics, then everything else will fall in to place. Your persistence will ensure every man or woman, in uniform or not, will return home safely.

As we approach the Army's 240th birthday, we must be mindful of key attributes to ensure our continued success. We must be persistent with workforce development, wellness, quality of life, family, facilities and community our priorities.

We must also be mindful of those activities and actions that have no place in our Army. Sexual Harassment and Assault Response and Prevention will remain salient among Army leadership. Every member of the Army Team, Soldier or civilian, is responsible to ensure



**“APG is a hub of collaboration among a talented workforce who are unmatched in skills, forward thinking and expertise. This work truly makes the difference to our Warfighters.”**

they have received the latest training. Each individual person can make a difference just by becoming educated and never accepting behavior counter to our Army's values.

The 30th President of the United States, Calvin Coolidge, said of the word persistence, “Nothing in the world can take the place of persistence. Talent will not... nothing is more common than unsuccessful people will talent. Genius will not... unrewarded genius is almost legendary. Education will not... the world is full of educated derelicts.

Persistence and determination alone are omnipotent.”

I choose persistence as a word to illustrate how Team APG approaches each day and mission. Be persistent and continue to do good things every day and we will surely be successful in the year ahead. I wish each of you the very best.

Thank you for all you do.

Army Strong!

**Col. Gregory R. McClinton**

*APG Garrison Commander*

# Open for business, on the CSSC

Office of Economic Development consolidates services, integrates within business community

*Harford County Office of Economic Development*

One of the first initiatives of Harford County's new administration within its first 100 days under the leadership of County Executive Barry Glassman was the consolidation and co-location the Office of Economic Development with small business resources on the Route 40 Corridor.

Although the consolidation was an expedited process, it didn't happen overnight. A team visited collaborative workspaces such as CBRE's Workplace 360 in Baltimore and conducted extensive research on modern workspace and its impact on productivity.

"It's a cultural change from the traditional office environment," said Karen Holt, Director, Office of Eco-

nomie Development. "We adopted some concepts where we thought we could be successful, like an open work environment, but didn't leap to a full paperless office. But we are more about less paper."

The site for these synergies is Swan Creek Village Center at 2021 Pulaski Highway in Havre de Grace, just two miles from Aberdeen Proving Ground's MD 22 gate. The official ribbon-cutting and open house March 31 showcased the new facility's 12,000 square feet of small business resources, technology and technical supports to cultivate concepts into companies.

"Consolidating services at this state-of-the-art facility will be a game changer allowing us to attract more business and move Harford County forward as Maryland's new center of

opportunity," said Glassman.

THE  
GROUND FLOOR  
AT HARFORD

A full spectrum of workspace supports various stages of business development within a modern work place and a positive business setting. "The GroundFloor," which was launched on-site in 2012, offers monthly membership in a 24/7 collaborative workspace with an urban-industrial, Wi-Fi enabled, plug-and-play environment. A "Corporate Commons" area features several IT and defense contract service companies doing business as tenants at the new facility.

The Small Business Resources Office houses the business navigator who serves as the first point of assessment and referral for small business needs: consultants for the Small Business Development Center (SBDC) and Procurement Technical Assistance Program (PTAP), and cooperative support for the Army Alliance, the regional additive manufacturing authority RAMP MD, and the North Eastern Maryland University Research Park (NEMD URP).



The Harford Business Innovation Center (HBIC), which was formerly in the Riverside Business Park, has also been co-located, with a focus toward a more traditional incubator with six individual offices for lease by start-ups. Integrated into this full suite of services, the Office of Economic Development serves as host

and site manager while offering a dedicated staff to assist in business retention, expansion, attraction, workforce training support and transportation.

Innovative technology was an important aspect in creating the new workspace and a modern setting to host stakeholders: smart board technology allows for interactive mapping and presentation edits to happen with the tap of a smart pen; clusters, or meeting rooms which accommodate four to six people, each have monitors that support a variety of technology mediums; and "pods," a reboot of the British phone booth, allow an individual to take a confidential phone call and not impose on others in the collaborative workspace.

"While there may be less personal space, there is greater public space and different types of workspace," Holt said. "Some may work better from a desk and chair, some within a pod, and some on a chaise lounge with a laptop and ear buds; the idea is to cultivate creativity and encourage new ways of thinking and doing business."

These different work spaces are all on a centralized Web-based reservation system that allows members, tenants and staff to reserve space as needed. "It creates a synchronized core of activity. I enjoy the heavy meeting days where the lobby becomes a networking center for people who may not typically cross paths," Holt added.

"It is an incredible opportunity for the business community to have such collaborative space where companies, advisors, business supports and commercial opportunities can intersect," said Eric McLaughlin, Chair, Harford County Economic Development Advisory Board.

"Co-locating the many economic development resources within this hub of activity makes accessing them more efficient and the interac-

**Continued on page 6**

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tion more nimble. They've created great soil for economic gardening," McLaughlin added.

The final result has been a consolidation of more than 16,000 square feet from multiple sites to 12,000 at one location, enhanced business services in a one-stop-shop environment, and the transition of Economic Development out of the County Administration Building and onto the Corridor, close to APG and immersed within the business community. A pub and restaurant, coffee house, 24-hour gym, and medical, cellular and banking services are also available on-site at Swan Creek Village.

Innovation. Technology. Efficiency. Stop by and see for yourself or visit [www.harfordcountybusiness.org](http://www.harfordcountybusiness.org). Maybe our place can be your new workspace!



# CSSC supports APG, community

APG-CSSC Regional BRAC Office

## **What is the Chesapeake Science and Security Corridor (CSSC)?**

The Chesapeake Science and Security Corridor (CSSC) brings together eight jurisdictions in three states to ensure a successful BRAC implementation and high quality of life for those who live and work in our growing defense community.

CSSC, home to Aberdeen Proving Ground, includes Harford, Baltimore and Cecil Counties and Baltimore City, Maryland, as well as strategic partners Chester, York and Lancaster



Carnaggio

Counties in Pennsylvania, New Castle County, Delaware, two metropolitan planning councils (Baltimore and Wilmington), the Greater Baltimore Committee and the Economic Alliance of Greater Baltimore.

The APG-CSSC Regional BRAC Office is part of the Harford County Office of Economic Development now located in Swan Creek Village on Rt. 40 near APG-Aberdeen. The CSSC continues to serve as a communications clearinghouse and event coordination hub for regional defense and BRAC-related information and activities.

Denise B. Carnaggio, who managed economic development and BRAC efforts for Harford County Government, was recently appointed as the BRAC coordinator for the CSSC.

## **Responding to SPEA, possible job losses at APG**

The Army asked the community to respond to its Supplemental Programmatic Environmental Assessment on Force Structure (SPEA), and the region and Harford County did just that.

With a "Call to Action," more than 250 citizens attended the August 4, 2014 briefing sponsored by the Army Alliance and the Chesapeake Science and Security Corridor at Aberdeen High School. This was the first intro-

duction in preparation for the formal response from the community. The "Call to Action" included the beginning of the signing of a "Declaration of Support."

The Army Alliance and Chesapeake Science and Security Corridor team submitted the formal response to the Army Environmental Command on August 25. That comprehensive response, which recognized the need for restructuring, also included more than 600 signatures in the "Declaration of Support."

That response can be viewed online at [www.apg-cssc.com](http://www.apg-cssc.com).

On Jan. 29, the formal "Listening Session" hosted by the Department of Defense was packed, despite snow showers and sleet, with more than 500 concerned citizens in attendance.

Elected officials—from Congressional staffers to state and local officials—to community leaders, APG officials, APG personnel and concerned neighbors were in the audience. More than 60 citizens took to the open microphone that evening to voice concerns and show support to the Army leadership in attendance.

Earlier that day the Army Alliance coordinated group sessions with a number of key community leaders to talk about the importance of Aber-

## **SPEA - what you need to know:**

1. There is a proposed cut of 4,300 jobs at APG as part of a formal process for troop reduction to reach expected 2020 end strength limitations.
2. This is NOT a BRAC.
3. The region is opposed to the methodology used for the study and why APG was listed, contrary to the SPEA's own process.
4. Some cuts are inevitable, however, APG has unique capabilities in research and development and this strongly reverses the typical military/civilian ratio at APG. The proposed cuts have unintended adverse impact on developing the technology needed to keep troops fighting effectively.
5. There is a negative economic impact as a result of the proposed cuts.
6. A response from the Army is expected in June.

Read the Army's Supplemental Programmatic Environmental Assessment on Force Structure (SPEA) Report at <http://aec.army.mil/Portals/3/nepa/Army2020SPEA-2.pdf>. See pages 3-46 for information about APG.

dean Proving Ground, describing the installation's uniqueness/importance to the DOD as a research and development entity. It was a critical opportunity to demonstrate to the Army the level of regional and state support of APG and its workforce.

As a region, we thank those who worked so hard to influence the Army's decisions for its planned force restructure and the potential reductions specifically at APG.

At this juncture, a response to the study is anticipated this June after the Army has completed all of their "Listening Sessions" at a number of military installations across the country.

Visit the CSSC website in June at [www.apg-cssc.com](http://www.apg-cssc.com) for updates.

### **The Joint Land Use Study Continues with Public Meetings**

Aberdeen Proving Ground and the CSSC continue to work collaboratively on the Joint Land Use Study (JLUS) supported through grant funding from the Department of Defense Office of Economic Adjust-

ment (OEA).

This important planning process is assessing 24 compatibility factors that include impact to the region surrounding APG. The end result is a cohesive planning document that will continue to ensure a cooperative spirit between the installation and the community.

The first set of public workshops was held last fall which included Harford, Cecil and Kent counties and the surrounding areas. Steve Overbay, now Deputy Director of the Harford County Office of Economic Development, was instrumental in coordinating the outreach with both APG leaders and community officials.

Since public input is a major component of writing this important planning document, an additional set of public meetings will be hosted this summer to review issues that might have been raised in the earlier process.

To learn more about the APG JLUS project, visit the website at: [www.apgjlus.com](http://www.apgjlus.com)

### **Save the date!**

Upcoming Defense Community Events  
**May 21, 2015**

AFCEA-Aberdeen Chapter Golf Tournament at Ruggles Golf Course, Aberdeen Proving Ground; 11:00 a.m. Registration. For more information visit [www.afcea-aberdeen.org](http://www.afcea-aberdeen.org)

**June 1, 2015**

NMTC/Women in Defense STEM Golf Tournament at Winters Run Golf Club, Bel Air 9:00 a.m. For more information visit <http://golf4stem.com>

**June 8, 2015**

Army Alliance Dinner at Water's Edge Events Center 5:30 to 8:30 pm. For more information visit [www.armyalliance.org](http://www.armyalliance.org)

**August 20, 2015**

AUSA-MG Harry Greene, Aberdeen Chapter Warrior Support Golf Outing at Ruggles Golf Course, Aberdeen Proving Ground 7:00 a.m. For more information visit [www.ausa-aberdeen.org](http://www.ausa-aberdeen.org)

## **CONSTRUCTION ALERTS**

### **Harford Co. roadway improvements continue**

#### **MD 22 Intersection Improvements:**

- At Old Post Road – Completion, 2015
- Paradise Road – Completion, spring 2017
- At Beards Hill Road – Completion, spring 2016

#### **Other Area Improvements:**

- MD 7/US 40/MD 159 (Phase II) Work to begin fall, 2015 – anticipated completion in summer 2017
- Approximately \$5.5 million in improvements on MD 755 in Edgewood between Willoughby Beach Road and MARC Train station

## Visit APG online

[www.teamapg.com](http://www.teamapg.com)

[twitter.com/USAGAPG](https://twitter.com/USAGAPG)

[facebook.com/APGMd](https://facebook.com/APGMd)

[flickr.com/photos/usagapg/](https://flickr.com/photos/usagapg/)



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."

# Harford County Chamber of Commerce celebrates APG military, civilians

The Harford County Chamber of Commerce proudly salutes the men and women of the military and civilian workforce of the Aberdeen Proving Ground. We realize the impact of the work they do in developing products and services to keep our warfighters safe.

As the Chamber celebrates the 38th year of our Military Appreciation Luncheon, themed "United We Stand," on May 14, we will be recognizing APG and their Soldier of the Year, NCO of the Year and Family of the Year with more than 400 attendees at Richlin Ballroom.

We are humbled by the stories that are told about each of these deserving recipients and all that they do to keep our nation safe. Adding to the prestige is the fact that Aberdeen is the oldest active proving ground in America.

This year's luncheon will feature retired Brig. Gen. Velma Richardson,



**Klahr**



Lockheed Martin Vice President of Department of Defense Information Technology Programs.

The Chamber has an extremely active Military Affairs Committee composed of a variety of large and small businesses that truly care about people and accomplishments of APG.

Co-chairs of the committee include H. William Suchting of Battelle and Susan Manning of Freedom Federal Credit Union. Freedom Federal is the Premier Sponsor of the luncheon this year, along with 25 other companies who host the Soldiers and civilians of APG. The committee is also looking for other meaningful ways to get involved with the installation.

We want APG's Soldiers and civilians to know how much they are appreciated and that we recognize that Freedom is not free!

**PAM KLAHR**

*Harford County Chamber of Commerce CEO*

**How are we doing?** E-mail comments and suggestions for the APG News to [usarmy.apg.imcom.mbx.apg-pao@mail.mil](mailto:usarmy.apg.imcom.mbx.apg-pao@mail.mil)



## APG ARMED FORCES WEEK EVENTS MAY 9-16

Several events are scheduled for Military Appreciation Month and Armed Forces Week May 9-16.

- **May 9:** Military Retiree Appreciation Day, 8 a.m., APG Recreation Center. For more information, call Tom Shumate at 410-306-2303.
- **May 11:** Golf Tournament, 7 a.m., Ruggles Golf Course. For more information, call Rick Bond at 410-278-4794.
- **May 12:** All APG Soldiers Armed Forces Run, 6:15 a.m. For more information, call Sgt. 1st Class Scalies at 410-861-7069.
- **May 13:** Gold Star Breakfast, 8 a.m., Main Post Chapel.
- **May 13:** Armed Forces Displays, Future Soldier Recognition, Bike to Work Day, noon to 4 p.m., ceremony starts at 3 p.m., APG North (Aberdeen) recreation center.
- **May 14:** Harford County Chamber of Commerce Military Appreciation Luncheon, 11 a.m., Richlin Ballroom, Abingdon. Registration Required. For more information, call Vanessa Milio at 410-838-2020.

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

# ORGANIZATIONS AND MISSIONS

## 1st Area Medical Laboratory (AML)

The 1st Area Medical Laboratory mission is to deploy worldwide to perform field confirmatory and/or theatre validation level laboratory analysis of environmental samples. The 1st AML is a FORSCOM field analytical laboratory unit with capabilities to detect and identify chemical (CWA and TICs), biological agents (BWA and other infectious disease agents) and radiological materials from environmental samples. Additionally, the 1st AML can provide health hazard assessment based on sample analysis data, and can analyze samples from natural or man-made events collected during peacetime or conflict activities.

When deployed, the AML serves as a C-WMD/ Force Health Protection asset. For more information, call 410-436-7148.

## 20th Chemical, Biological, Radiological, Nuclear, Explosives Command (20th CBRNE)

The 20th CBRNE Command is the Army's sole formation dedicated to combating the full range of Chemical, Biological, Radiological, Nuclear and Explosive threats facing the nation.

More than 5,000 military and civilian employees comprise the command, which is distributed across 19 installations in 16 states

to provide immediate CBRNE capabilities in support of military and civil requirements. Command of these highly trained and Special Purpose Forces resides under the Headquarters of the 20th CBRNE Command, providing the Army and the nation the capability, flexibility and responsiveness to achieve operational success in a variety of complex environments, anytime and anywhere.

The command is equipped with state of the art technologies at every echelon to ensure an effective, all-hazards CBRNE capability to identify, assess, render safe, dismantle, exploit, decontaminate, transfer, and dispose of CBRNE hazards, including weapons of

mass destruction, unexploded ordnance, and improvised explosive devices.

Subordinate elements of the command include the 48th Chemical Brigade, the 52d Explosive Ordnance Disposal Group, the 71st EOD Group, the 21st EOD Company (WMD), and the CBRNE Analytical and Remediation Activity. These organizations provide the Army with an All Hazards CBRNE capability in support of Homeland Defense and Combatant Commander's CBRNE requirements in operations and contingencies across the globe.

Consolidating the majority of its CBRNE assets under the 20th CBRNE Command enables the Army to more effectively coordinate and direct these specialized CBRNE elements in support of the National Defense Strategy. This alignment eliminates operational redundancies and allows for more efficient management and employment of these unique but limited resources.

The 20th CBRNE Command continues to transform to meet the requirements of the nation. The Soldiers, civilians and contractors of the 20th CBRNE Command possess unique capabilities in a highly-specialized field, making it the premier U.S. Army unit for employment against existing and emerging CBRNE threats.

The 20th CBRNE Command provides the Army and the nation with ready, reliable and globally responsive CBRNE forces capable of leading and executing CBRNE-related operations and activities, anytime and anywhere.

For more information, call 410-436-3433 or visit the CBRNE website at [www.cbrne.army.mil](http://www.cbrne.army.mil) or on Facebook at [www.facebook.com/20thsupportcommandcbrne](http://www.facebook.com/20thsupportcommandcbrne).



Courtesy photo

Soldiers from the APG-based 22nd Chemical Battalion (Technical Escort) train for chemical, biological, radiological, nuclear and explosive elimination operations on Fort A.P. Hill, Virginia, Feb. 26 - March 6. Two of the battalion's CBRNE Response Teams received certification after completion of the training.

## **22nd Chemical Battalion (Technical Escort)**

On order, the 22d Chemical Battalion (TE) deploys to conduct WMD/CBRNE elimination operations in support of combatant commanders and other governmental agencies in order to counter CBRNE threats.

The unit integrates, coordinates, deploys and provides trained and ready CBRNE teams and exercises command and control of specialized CBRNE operations to support joint and Army forces primarily for overseas contingencies and warfighting operations, but also in support of homeland defense. The 22d Chemical Battalion (TE) maintains technical links with appropriate joint, Army, federal and state CBRNE assets, as well as the research, development, and technical communities to assure Army CBRNE response readiness.

For more information, call 410-

436-6455 or visit [www.cbrne.army.mil](http://www.cbrne.army.mil).

## **203D Military Intelligence Battalion**

On order, 203d MI BN (TECHINT), or when designated as the Captured Materiel Exploitation Center, or CMEC, deploys and conducts operations in support of combatant commanders or other government agencies in order to collect and exploit captured enemy weapons, equipment and other materiel. A Reserve component unit with more than 44 different military occupational skills that provides intelligence derived from reconnaissance, collection and tactical exploitation of weapons, equipment and other materiel found, captured or acquired world-wide; establishes the Captured Materiel Exploitation Center or the Combined or Joint CMEC; conducts training on foreign weap-

ons, vehicles and other equipment and conducts emerging technical intelligence missions in support of contingency operations. For more information, call 410-278-7823.

## **Materiel Operations Division, National Ground Intelligence Center**

Provides logistical and storage management of materiel used in various exploitation and research programs.

For more information, call 410-278-5295.

## **A**

## **Army & Air Force Exchange (AAFES)**

Provides quality merchandise and services to customers at competitively low prices and generates earnings which provide a dividend

to support Morale, Welfare and Recreation (MWR) programs. Visit us at [shopmyexchange.com](http://shopmyexchange.com).

## **Army Contracting Command-Aberdeen Proving Ground (ACC-APG)**

As the Army's business conduit, the Army Contracting Command ensures contracting support to enable mission requirements as the Army conducts operations throughout the world. The Army Contracting Command – Aberdeen Proving Ground is one of the ACC's five contracting centers. Military, civilian and contractor personnel within ACC-APG support Soldiers worldwide by acquiring equipment, supplies and services vital to mission success in support of national defense and homeland security. In this way, ACC-APG ensures Soldiers have the resources they need to be successful in theater and on



Photo by Stacy Smith

**Soldiers from the 203rd Military Intelligence Battalion discuss their performance during a yearly weapon qualifications at an APG North (Aberdeen) shooting range April 11.**

installations.

ACC-APG provides comprehensive contracting and business advisory support to a diverse customer base. The nature of these acquisitions consists of a wide gamut of products and services including state-of-the-art technology and complex weapon systems. Skilled professionals within ACC-APG provide sustained expertise in all areas of contracting including research and development, production and testing, installation and base operations, systems and system support, depot-level maintenance, fielding and sustaining Army weapon systems, foreign military sales, grants, cooperative agreements, and other transactions. ACC-APG provides its customers with contracting expertise by some of the best trained professionals in the Army. ACC-APG manages over 830 military and civilian employees in 17 divisions dispersed across 11 locations. These employees oversee the fiscal accountability of approximately 40,000 contracting actions each year valued at over \$14 billion. ACC-APG takes pride in its mission contributions that enable victories on the battlefields of today and into the future.

For more information, visit <http://www.acc.army.mil/contractingcenters/acc-apg/>

### **U.S. Army Evaluation Center (AEC) (Subordinate to ATEC)**

AEC evaluators assess the system-performance data provided by ATEC's developmental and operational test programs, and produce the final reports that enable acquisition decision-makers to determine whether new or enhanced systems will become part of the Army's 21st century arsenal. In this role, AEC is deeply involved in the Army Transformation effort, enabling the Army to field systems that meet the needs of America's Warfighters now and in the future. AEC gets involved early in the

acquisition process to ensure that test and evaluation programs, strategies and objectives are consistent throughout the Army's acquisition program, and that test programs yield the data needed for rigorous system evaluations. For more information, call 443-861-9410 or visit [www.atec.army.mil/aec](http://www.atec.army.mil/aec)

### **U.S. Army Research Laboratory (ARL)**

The U.S. Army Research Laboratory provides the underpinning science, technology, and analysis that enable full-spectrum operations as the Army's corporate, or central, laboratory. Its diverse assortment of unique facilities and dedicated workforce of government and private sector partners make up the largest source of world-class integrated research and analysis in the Army.

By combining its in-house technical expertise with those from academic and industry partners, ARL is able to maximize each dollar invested to provide the best technologies for Soldiers.

ARL consists of six directorates and the Army Research Office. These six directorates, each with presence on APG, focus on technology areas critical to strategic dominance across the entire spectrum of operations. The Computational and Information Sciences Directorate (CISD) conducts scientific research and technology focused on information processing, network and communication sciences, information assurance, and Battlespace environments, and advanced computing that create, exploit and harvest innovative technologies to enable knowledge superiority for the Warfighter.

The Human Research and Engineering Directorate (HRED) pursues scientific research and technology directed toward optimizing Soldier performance and Soldier-machine interactions to maximize battlefield effectiveness, and to ensure that Soldier performance requirements are adequately considered in technology development and

system design. Through its Sensors and Electron Devices Directorate (SEDD), ARL provides scientific research and technology in electro-optic smart sensors, multifunction radio frequency, autonomous sensing, power and energy, signature management, directed towards reconnaissance, intelligence, surveillance, and target acquisition (RISTA), fire control, guidance, fusing, survivability, mobility and lethality.

ARL's Survivability/Lethality Analysis Directorate (SLAD) is the premier source of expertise in survivability, lethality and vulnerability (SLV) assessments for senior leaders, developers and evaluators. SLAD helps ensure that U.S. personnel and equipment survive and function effectively in hostile environments.

The Vehicle Technology Directorate (VTD) addresses propulsion, transmission, aeromechanics, structural engineering, and robotics technologies for both air and

ground vehicles while the Weapons and Materials Research Directorate (WMRD) advances scientific research and technology in the areas of weapons, protection, and materials to enhance the lethality and survivability of the nation's Warfighters.

ARL has consistently provided the enabling technologies in many of the Army's most important weapons systems. Technology and analysis products are moved into Army Research, Development, and Engineering Centers (RDECs) and to other Army, Department of Defense, government, and industry customers. ARL programs are focused on key science and technology groundwork that will enable the transformation of the Army into a more versatile, agile, survivable, lethal, deployable, and sustainable force.

For more information, call 301-394-3590 or visit [www.arl.army.mil](http://www.arl.army.mil).

## **U.S. Army Test and**

## **Evaluation Command (ATEC)**

ATEC plans, conducts and integrates developmental testing, independent operational testing, independent evaluations, system assessments and experiments to provide essential information to decision makers and ensure service members have the right capabilities for success across the full spectrum of military operations.

At APG, ATEC, the Army Evaluation Center, and Aberdeen Test Center support this critical mission. ATEC also serves as headquarters to eight test units located across the nation. Employing cutting edge technology, ATEC's test officers, engineers, scientists, technicians, researchers and evaluators rigorously test items of every description, from individual weapons to the National Missile Defense ground-based, mid-course defense systems. ATEC also helps the Army assess the effectiveness of systems

in the combat theater by deploying personnel for extensive periods to conduct forward operational assessments. Critical test programs in theater include the family of Mine Resistant Ambush Protected vehicles, a wide array of unmanned ground and aerial systems, state-of-the-science weapons and weapons platforms, combat aviation technology, Soldier protective technology, and multiple systems designed to defeat improvised explosive devices and other ballistic threats. In providing independent, objective testing and evaluation of systems to Army acquisition decision makers, ATEC ensures U.S. service members have systems and equipment that work. For more information, call ATEC Public Affairs at 410-861-9731 or visit the ATEC website at [www.atec.army.mil](http://www.atec.army.mil).

## **Army Audit Agency (AAA)**

Our mission is not to find prob-

lems. We set out to provide Army leaders assurance that: (1) Policies, programs, organizations, systems, and operations are achieving their objectives; (2) Resources are efficiently used and properly safeguarded; (3) Laws and regulations are complied with; and (4) Internal controls and oversight are in place and operating to prevent fraud, waste, and abuse. To provide this assurance, we conduct objective and independent audit services and help Army leaders identify and mitigate risks.

We are mindful that everything we do should ultimately support the warfighter.

For more information, call 410-278-4287, or visit <http://www.army.mil/aaa>



## CBRNE Analytical and

### Remediation Activity (CARA)

The 20th CBRNE Command's CARA was established in May 2007 as an all civilian organization. CARA is comprised of a Mobile Expeditionary Laboratory (MEL) Section, an Aviation Section, and two Remediation Response Sections with one located here at Aberdeen Proving Ground, Maryland and the other at Pine Bluff Arsenal, Arkansas. CARA's mission is to deploy and conduct operations in support of Combatant Commanders or other government agencies in order to counter CBRNE and WMD threats in support of National Combating WMD objectives.

The MEL Section deploys trained and ready analytical scientists and technicians to detect, identify and characterize chemical, biological and explosives evidence to support intelligence, investiga-

tive, mission planning, remediation and consequence management activities. The MEL contains two tactical Heavy laboratories, two tactical Light laboratories, and four chemical air monitoring suites to enhance field confirmatory detection capabilities for the supported command or agency.

The Aviation Section provides dedicated fixed wing and rotary wing aviation support for the escort of chemical and biological surety/non-surety materials, emergency response of Recovered Chemical Warfare Material (RCWM) and transport of command response teams.

The Remediation Response sections conduct assessment, characterization, remediation, packaging, emergency response, and transport of hazardous CBRNE materials, weaponized and non-weaponized materials, and conventional and chemical UXOs located at Formerly Used Defense Sites, BRAC

sites and active installations. The response sections utilize state of the art magnetometry and ground penetrating radar as well as the most advanced non-intrusive scanning and detection capabilities.

CARA fills many capability gaps and provides specialized CBRNE expertise and continuity to the 20th CBRNE Command, U.S. Army Corps of Engineers, U.S. Army Environmental Command, Joint Program Manager for Elimination (JPM-E), and many other government agencies.

For more information, call 410-436-6455 or visit [www.cbrne.army.mil](http://www.cbrne.army.mil).

### U.S. Army Chemical Materials Activity (CMA)

CMA was provisionally established in November 2003, combining the Program Manager for Chemical Demilitarization (PMCD) with some elements of



Photo by Amanda Rominiecki  
Pfc. Michael Major, a wheeled vehicle mechanic, smiles while holding his four-month-old son Bradley after the 1st Area Medical Laboratory homecoming ceremony March 23 as his wife Danielle looks on. 1st AML Soldiers had to complete a 21-day controlled monitoring period upon return to the U.S. Families were reunited for the first time at the ceremony.

the U. S. Army Soldier and Biological Chemical Command (SBC-COM). In August 2013, CMA's chemical weapons disposal elimination mission was provisionally transferred to the Joint Program Executive Office for Chemical and Biological Defense (JPEO-CBD) as part of the reshape of the Activity headquarters.

CMA is the world leader in programs to safely secure and effectively store chemical weapons. The activity develops and uses technologies to safely store chemical weapons while protecting the public, its workers and the environment. The enduring mission areas of CMA include: Chemical Stockpile Storage, Chemical Stockpile Emergency Preparedness Program (CSEPP) and adhering to International Treaty requirements as the Army's delegated Implementing Agent for compliance with the Chemical Weapons Convention Treaty. CMA is assigned as the

Army's National Inventory Control Point Accountable Property Officer and National Maintenance Point.

For more information, call the CMA Public Affairs Office, 1-800-488-0648 or 410-436-3629, or visit [www.cma.army.mil](http://www.cma.army.mil).

### **Civilian Human Resources Agency (CHRA) Headquarters**

Provides effective, consistent application of G-1 human resources policies (appropriated and non-appropriated fund) by Civilian Personnel Advisory Centers. Provides operational oversight to regional HR offices, develops and delivers HR training and manages business practices and measures production. Additionally, CHRA Headquarters oversees the manpower and fiscal programs (budget, equipment, central procurement, supplies, etc.) for Department of the Army's Regional HR offices.

For more information, call 410-306-1701 or visit [www.chra.army.mil](http://www.chra.army.mil).

### **CHRA Northeast Region Office**

Performs a variety of human resources services to support the CPACs serviced by CHRA, Northeast Region. Maintains the HR automation systems to include database maintenance. Coordinates password resets for the Department of the Army employees who access the HR automation systems. Maintains the Official Personnel Files for the 45,000 plus employees who are serviced by the Northeast Region. Additionally, maintains the DoD USA Staffing program.

For more information, call 410-306-1420 or visit <https://cpolrhp.cpol.army.mil/ner/>.

### **APG Civilian Personnel Advisory Center (CPAC)**

Provides HR services to the various tenant activities located on APG to include their satellite offices in various states. Processes all personnel actions. Works with Defense Finance and Accounting Service to coordinate pay administration and perform quality control. Works closely with commanders, directors and senior staff to advise them on all aspects of civilian HR management and disseminates essential HR information. Provides comprehensive HR advice and support to managers and employees on critical issues such as strategic recruitment, labor management, management employee relations, training, employee benefits and entitlements and classification. Ensures legal and regulatory compliance for the programs administered such as merit promotion, pay, Priority Placement Pro-

gram, appeals, grievances and the Federal Employees Compensation Act Program. Responsible for advertising all vacancies and rating, ranking and referring qualified candidates. Supports all major reorganizations, and conducts reductions-in-force.

For more information, call 410-278-1404 or visit APG CPAC, [www.apg.army.mil/cpac/index.html](http://www.apg.army.mil/cpac/index.html).

### **U.S. Army TACOM Life Cycle, Management Command, Clothing and Heraldry Product Support Integration Directorate (PSID)**

The Clothing and Heraldry PSID provides clothing and individual equipment logistical services to the Warfighter and sustains clothing and heraldry products for Soldiers, units, and veterans.

The Office of the Director, as well as the Organizational Clothing and Individual Equipment Central Management Office (OCIE CMO) and the Clothing Services Office (CSO) are based at the APG South (Edgewood) area of Aberdeen Proving Ground.

The OCIE CMO manages all Army organizational clothing and individual equipment. The office is the central point of contact for all OCIE data collection and teams with Program Executive Office Soldier and Defense Logistics Agency for life cycle management of all OCIE.

The CSO is the Headquarters, Department of the Army G-4 executive agent for all matters related to military clothing sales worldwide. The office provides technical assistance to Department of the Army G-4, Headquarters, Installation Management Command, major Army commands, Headquarters, Army and Air Force Exchange Service, and many other agencies on matters related to the issue and sale of personal clothing. The CSO provides oversight of Army Military Clothing Sales Stores, Central Issue Facilities, and Clothing Initial Issue Points, and conducts management assistance visits.

The Heraldry Team, based at the Philadelphia Naval Support Activity, manages and controls the issue of flags, guidons, and streamers for the Army, National Guard, Army Reserve, and Junior Reserve Officer Training Corps. The heraldry mission also includes the supply and control of general officer kits (less side arms), and VIP heraldry (presidential, vice presidential, positional, and White House staff). The Army Veteran Medals Program provides medals, decorations, and awards to veterans and their next of kin.

The Clothing and Individual Equipment Logistics Support Office, also based at the Philadelphia Naval Support Activity, provides logistical support for all clothing and individual equipment items and has on-site liaison with Defense Logistics Agency Troop Support Command.

For more information, call 410-436-0956/4283 or visit us at: <https://spportal.tacom.army.mil/sites/ILSC/Collaboration/CHPSID/default.aspx?source=/sites/ILSC/Collaboration/CHPSID/default.aspx>

### **U.S. Army Communications Electronics Command (CECOM)**

Is the Army's premier command, control, communications, computers, intelligence, surveillance and reconnaissance, or C4ISR, capabilities provider. Des-

ignated a Life Cycle Management Command (LCMC), CECOM develops, provides, integrates and sustains the logistics and readiness of C4ISR systems and mission command capabilities for joint, interagency, intergovernmental and multinational forces worldwide. A subordinate of the U.S. Army Materiel Command, CECOM is the Army's critical link for life cycle support of the communications-electronics systems and equipment used by the Soldier and the joint Warfighter.

CECOM is integrated into the Army Field Support Brigade struc-



Photo by Stacy Smith

**1st Sgt. Eric Campbell of Headquarters and Headquarters Company, 203rd Military Intelligence Battalion (Technical Intelligence) listens to a briefing by instructor Sgt. Marc Page before firing a Soviet RPK automatic machine gun during small-arms foreign weapons familiarization for TECHINT Soldiers at the Aberdeen Test Center Mulberry Point Range April 11.**

ture, ensuring regional alignment to critical Army regions. From setting up command and tactical operations centers in remote areas to installing and maintaining communications systems in vehicles and aircraft, CECOM supports Warfighters through training, field support for modifications and upgrades, ensuring interoperability of hardware and software on the network, and providing logistical expertise to ensure the right equipment is in the right place at the right time.

As the operating environment grows more complex and the

demand for information technology and communication grows even more vital, CECOM is the critical link that drives C4ISR readiness worldwide.

Visit us at: <http://cecom.army.mil/>  
<http://www.facebook.com/CommunicationsElectronicsCommandCECOM>

### **U.S. Army Communications- Electronics Research, Development and Engineering Center**



Photo by Staff Sgt. Terrance D. Rhodes

**Capt. Shawn Palmer, a biochemist with the 1st Area Medical Laboratory, breaks down a biological safety level three glovebox at the 1st AML's Ebola testing lab in Zwedru, Liberia, Feb. 9. This, along with other equipment, was decontaminated and packed away as 1st AML closed the Zwedru lab.**

### **(CERDEC)**

CERDEC provides the Army with in-house science and engineering expertise, adopting, adapting and maturing relevant scientific breakthroughs in the dynamic, fast-paced area of information and communication technologies.

CERDEC's technical depth and operational awareness provides the Army and Department of Defense with core technical expertise across the Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) domain.

With more than 1,500 scientists and engineers and close to one million square feet of laboratory facilities, CERDEC researches, develops and engineers the diverse C4ISR building-block technologies, networks and architectures that advance the Army's mission command and intelligence capabilities.

Whether enabling situational awareness and understanding, establishing and securing communications, providing Soldiers the knowledge and clarity to strike with decisive effect, or protecting from surprise attack, the Army looks to CERDEC for C4ISR expertise and continuity across domains and platforms.

For more information, call 443-861-7566 or **visit** <http://www.cerdec.army.mil>.

Follow us on Facebook, Twitter and Flickr for news and updates:  
[www.facebook.com/CERDEC](http://www.facebook.com/CERDEC)  
[www.twitter.com/CERDEC](http://www.twitter.com/CERDEC)

[www.flickr.com/CERDEC](http://www.flickr.com/CERDEC)

# D

### **Defense Commissary Agency, Aberdeen (DECA-APG)**

Delivers a premier commissary benefit to the armed services community that encourages an exciting shopping experience, satisfies patron demand for quality grocery and household products, delivers exceptional savings while enhancing quality of life, fostering recruitment, retention and readiness and supporting Warfighters' peace of mind, knowing their Families have secure and affordable access to American products. For more information, call 410-278-3101 or visit [www.commissaries.com](http://www.commissaries.com).

### **Defense Military Pay Office (DMPO)**

Provides timely and accurate, responsive and professional military pay services to the Army Soldiers who defend America.

Hours of operation are Monday through Friday, 8:30 a.m. to 3:30 p.m.

For more information, call 410-306-2359/2371.

### **U.S. Army Dental Clinic Command Directorate of Health Services**

Provides Warrior focused oral health care with an exceptional team of professionals, dedicated to excellence and unified in service to active duty, National Guard and Reserve Soldiers who are on orders for more than 30 days at Aberdeen Proving Ground; provides a dentally ready force that supports the Army's missions. Scheduling multiple dental visits will soon be unnecessary for most soldiers thanks to the GO FIRST Class program led by the U.S. Army Dental Command (DENCOM). Under the new initiative, soldiers will receive routine oral care procedures including exams, cleanings, tooth varnishing, and simple fillings during a single appointment. For more information, call 410-278-1795 or visit <http://kusahc.narmc.amedd.army.mil/Pages/dental.aspx>

### **DLA Disposition Services Field Office**

### **at Aberdeen**

A part of the Defense Logistics Agency, provides DoD units worldwide with critical disposal services for material no longer needed for national defense. Responsible for property reuse, hazardous property disposal, demilitarization, precious metals recovery and recycling program support.

For more information, call 410-306-4112 or 410-278-2216 or visit [www.dispositionservices.dla.mil](http://www.dispositionservices.dla.mil).

### **DLA Document Services**

Mandated for all document services within the DoD, encompassing printing and high speed, high volume duplicating and includes the procurement of these services from commercial sources. Leasing printers, scanners and other multifunctional devices through DLA Document Services gives organizations a competitive advantage and spares them the complication of the bidding/contracting process.

Serves as the DoD preferred provider of solutions for the conversion, retrieval, output and distribution of digital documents. Scanning of hard copy archival records into digital formats for Electronic Data Management is one of DLA Document Services' most popular new capabilities.

For more information about printing projects, call DLA Document Services Aberdeen, 410-278-4635. For other services, call the Deputy Director, 703-325-9927 or visit [www.daps.dla.mil](http://www.daps.dla.mil).

## **E**

### **Edgewood Chemical Biological Center (ECBC)**

ECBC serves as the nation's principal research and development resource for non-medical chemical biological defense. Its highly trained workforce supports

all phases of the acquisition lifecycle from basic and applied research through technology development, engineering design, equipment evaluation, product support and sustainment. It has long supported the mission of the organization for the Prohibition of Chemical Weapons (OPCW) through its global field operations and chemical demilitarization activities. Additionally, the ECBC Forensic Analytical Laboratory is one of two OPCW-designated labs in the nation that specialize in the analysis of samples for chemical warfare agents, by products, precursors and other compounds of interest.

Since 1917, ECBC science and technology expertise has protected the nation from the threat of chemical weapons. Today, as a research, development and engineering center under the U.S. Army Research, Development and Engineering Command, ECBC advances the mission of the warfighter and other



Courtesy photo

Sgt. Austin S. Langdon, a veteran flight medic, with Company C 1st Battalion, 169th Aviation Regiment helps trainees load a mannequin patient onto a UH-60 Blackhawk helicopter during the Tactical Combat Casualty Care exercise on APG South (Edgewood) Feb 8.

stakeholders by leveraging scientific knowledge, specialized equipment and state-of-the-art facilities.

For more information, call 410-436-7118 or visit [www.ecbc.army.mil](http://www.ecbc.army.mil).

## F

### Firing Tables and Ballistics (FTAB) Division, Armament Research, Development and Engineering Center

Responsible for ballistic characterization of munitions and the development of aiming data and ballistic fire control information for all unguided and certain guided combat weapon systems in the U.S. Army inventory, select tri-service systems, and select foreign military sales (FMS) cases. This includes small caliber infantry systems, mortars, tank-fired munitions, artillery, missiles, and rockets.

Establishes new or updated ballistics technology and designs various live fire tests for new or improved projectiles, propellants, and fuzes. Analyses of these tests result in the creation of new or updated fire control input (FCI) information necessary to operate ballistic software and are used to develop tabular firing tables (TFTs), graphical firing tables (GFTs), and graphical site tables (GSTs).

Produces and maintains operational software used on U.S. fire direction center and gun firing platforms primarily to compute the gunnery solution. Directly supports and develops specific component products of the NATO Sub-Group 2 Shareable Software Suite (S4) and fielded U.S. variants. The NATO software includes the NATO Armaments Ballistic Kernel (NABK), the NATO Armaments Support Software (NASS), the Terrain Elevation Data Manager (TEDM) of the NATO Armaments Geophysical and Information Kernel (NAGIK), the NATO Armaments Meteorological Kernel (NAMK), and the NATO Indirect Fire Appreciation Kernel

(NIFAK). Field software requirements are managed through the Army's Ballistic Review Board (BRB) chartered by FTaB.

Publishes electronic and hard-copy tabular TFTs and directly distributes these items to the soldier in the field. Soldiers and Marines can request TFTs by calling 410-278-0179 or visiting <http://www.pica.army.mil/ftab> More information about FTaB and its software and other fire control products can be obtained by calling 410-278-3577.

## G

### U.S. Army Garrison Aberdeen Proving Ground (USAGAPG)

The garrison manages and operates Aberdeen Proving Ground, which is home to more than 90 garrison supported activities, 15 satellite activities, and eight private organizations.

USAGAPG provides the full range of installation support services, including administration; logistics; Family and morale, welfare and recreation; resources and personnel management; troop support; religious activities, safety and environmental management; operations and planning; law enforcement and security; contracting; public affairs; information technology and management.

Services are also provided to non-appropriated fund and contract personnel, Family members of active duty military personnel and retirees and their Family members residing in the surrounding community. USAGAPG also provides readiness and mobilization preparedness support to Reserve and National Guard units and other personnel.

For more information, call the USAGAPG Public Affairs Office, 410-278-1147, or visit [www.teamapg.com](http://www.teamapg.com).



Photo by Kristopher Joseph

From left, Sgt. David Clark and Sgt. Xi Liu stand at attention as Staff Sgt. Willie Houston prepares to present the flag to fellow KUSAHC Soldiers during a flag ceremony honoring fallen Army Nurses Corps officer and former KUSAHC nurse Capt. Maria Ines Ortiz on APG North (Aberdeen) Feb. 2.

# J

## Alpha Battery, 3rd Air Defense Artillery (JLENS)

The Alpha Battery, 3rd Air Defense Artillery is the only Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS) battery in the Army. As part of the National Capital Region Integrated Air Defense System, JLENS stands guard over the National Capital Region and provides the North American Aerospace Defense Command (NORAD) with persistent, over the horizon coverage to deter, detect and defeat a variety of airborne threats, including cruise missiles.

For more information, call 410-306-4439.

## Joint Program Executive Office for Chemical and Biological Defense (JPEO-CBD)

The Joint Program Executive Office for Chemical and Biological Defense (JPEO-CBD) is the Department of Defense single focal point for research, development, acquisition, fielding and life-cycle support of Chemical, Biological, Radiological and Nuclear (CBRN) defense equipment, medical countermeasures, installation protection systems, and force protection systems. The seven Joint Project Managers within the JPEO-CBD are located around the country. They lead, manage and direct the acquisition and fielding of chemical and biological detection and reconnaissance systems, weapons of mass destruction elimination systems and processes, individual and collective protection systems, decontamination systems, information management systems, medical products, and installation and force protection solutions. The JPEO-CBD headquarters and four of its seven Joint Project Management Offices are located in the APG

South (Edgewood) area of Aberdeen Proving Ground (APG), Md, resulting in a total APG presence of more than 600 people.

The four JPEO-CBD Joint Project Management Offices located in the APG South (Edgewood) area of APG have specific missions and focus: 1) The Joint Project Manager for Radiological and Nuclear Defense is responsible for all radiological and nuclear detection and defense and the Global Countering Weapons of Mass Destruction Awareness System; 2) The Joint Project Manager for Nuclear Biological Chemical (NBC) Contamination Avoidance develops, produces, integrates, tests and fields NBC detection, obscuration and reconnaissance systems; 3) The Joint Project Manager for Guardian provides CBRN defense capabilities for homeland and installation defense, as well as vigilant protection and initial response for the DoD's critical infrastructure and civilian support; and 4) The Joint Project Manager for Elimination (provisional) is responsible for the safe treatment and disposal of chemical agents and weapons across the globe using incineration, neutralization and hydrolysis technologies.

The three JPEO-CBD Joint Project Management Offices not located at APG are: 1) The Joint Project Manager for Medical Countermeasure Systems at Fort Detrick, Md. is responsible for providing U.S. military forces and the nation with safe, effective and innovative medical solutions to counter CBRN threats; 2) The Joint Project Manager for Protection in Stafford, Va, is responsible for all chemical biological defense (CBD) protection to include suits, boots, gloves, masks, collective protection, and decontamination; and 3) the Joint Project Manager for Information Systems, located in San Diego, Calif., is responsible for all CBD information systems to include Joint Early Warning and Effects Modeling.

Please contact the JPEO-CBD at 410-436-9600 or visit [www.jpeo-cbd.mil](http://www.jpeo-cbd.mil).

[jpeocbd.osd.mil](http://jpeocbd.osd.mil) for additional information on the organization's mission and any of its seven Joint Project Management Offices. You can also follow the JPEO-CBD on Facebook at <https://www.facebook.com/JPEOCBD1>; and Twitter at <https://twitter.com/jpeocbd1>.

### **U.S. Army Joint Test Element (JTE)**

The U.S. Army Joint Test Element provides OSD funded enabling capabilities to the Joint Department of Defense community by focusing on solving challenges at tactical and strategic levels in joint forces military operations, and providing operationally-tested, non-materiel solutions to emergent issues identified by the joint forces military community.

The Army Joint Test Element, located at Aberdeen Proving Ground-South (Edgewood), is a component of the Army Test and Evaluation Command and collaborates with the Joint Test and Evaluation Program. The Army Joint Test Element manages one of three joint test units that support joint forces test and evaluation projects. Serving as an operational test agency, the Joint Test Element team predominately focuses on Army priorities; however, the Joint Test Element enables the Army Test and Evaluation Command to support Department of Defense operational issues requiring a joint forces solution.

The Joint Test and Evaluation Program provides guidance and resources for near-term solutions to joint, service, agency, or combatant command challenges. Solutions are tested and evaluated via two options: a quick reaction test for issues that can be solved in less than one year and a joint test for complex issues that require up to two years of effort. Joint test nominations are reviewed semi-annually by a selection board of senior military and civilian leaders who determine which nominations will undergo a six-month, joint feasibility

study, and subsequently, be considered for selection as a joint test. The resulting product of joint tests and quick reaction tests are handbooks; concepts of operations; tactics, techniques, and procedures; revisions to doctrine publications; and training inputs to joint forces and service schools. For additional information about the Joint Test Element, call 410-436-4039 or visit the JTE website at <http://www.atec.army.mil/jte/>.

### **Joint Project Manager for Nuclear, Biological and Chemical Contamination Avoidance (JPM NBC CA)**

Vision is to equip and sustain the world's most capable, powerful and respected Joint Forces with world class chemical, biological, and radiological contamination avoidance products, capabilities and services.

Responsible for the development, production, integration, testing, and fielding of nuclear, biological and chemical detection, obscuration, and reconnaissance systems. Ensures that system developments, integration efforts and services focus on the Joint Warfighters' needs within cost, schedule, performance and risk. For more information, call 410-417-3417.

# K

### **Kirk U.S. Army Health Clinic (KUSAHC)**

Provides medical care to the APG Community. Specialty care services are coordinated by the National Committee for Quality Assurance (NCQA) certified Patient Centered Medical Home Team composed of physicians, physician assistants, nurse practitioners, and nursing staff.

Occupational Health Services



Photo by Mikell More

**U.S. Army Corps of Engineers, Baltimore District, project managers joined officials from Aberdeen Proving Ground and the North American Air Defense Command at a Media Day for the JLENS project on Dec. 17, 2014. Representatives from print publications, trade journals and television news stations saw the inflated JLENS aerostat and interviewed key program leaders.**

are provided to APG federal civilian employees.

KUSAHC serves approximately 22,000 eligible DoD beneficiaries.

Committed to Warrior readiness, surety and the enhancement of the health of the military Family.

For more information, call 410-278-1724; for appointments call 410-278-KIRK (5475) or visit [www.narmc.amedd.army.mil/kusahc/](http://www.narmc.amedd.army.mil/kusahc/).

**M**

## Maryland Army National Guard

The Army Aviation Support Facility (AASF) as part of the head-

quarters, MDNG serves as the MDNG centralized Army flight operations, aviation standardization and training facility.

Provides organizational and intermediate maintenance support to 29th Combat Aviation Brigade rotary wing aviation units and operates Weide Army Heliport. Supports aircraft undergoing pre-deployment modification (PRESET) and as a training site for specialized aviation training such as external load, high performance rescue hoist, night vision goggle and aerial fire-fighting. MDNG aviation domestic emergency homeland security and homeland defense capability is projected from AASF as necessary throughout the state. The facility has recently been reno-

vated and now has 12 hangars.

For more information, call 410-436-4403.

## Headquarters, 29th Combat Aviation Brigade, (29th CAB)

Mobilizes and deploys on order to a designated area of operations to conduct decisive, full spectrum aviation operations in support of the designated joint, coalition, or maneuver command. The headquarters 29th CAB is responsible for command and control of all MDNG aviation units in Maryland, as well as a variety of other units. Those units contain more than 1,000 Soldiers and 21 aircraft. For more information, call

410-612-4180.

## Maryland National Guard Freestate Challenge Academy

The Freestate Challenge Academy is a two-phased, 17 month intervention program for volunteers between the ages of 16 and 18 who are underemployed, drug free, at-risk high school dropouts from the state of Maryland. Students are brought into a structured and highly disciplined quasi-military academic setting that builds confidence and self-esteem.

The first phase consists of 22 weeks in residency at the Freestate Challenge Academy at Aberdeen Proving Ground. Cadets attend academic classes to prepare to test for the General Education Development (GED) credential and Maryland High School Diploma. Following graduation from the resident phase, the cadets are mentored for an additional 12 months. During this phase they become employed, continue their education, or enter the military. The mission of the academy is to intervene in and reclaim the lives of Maryland's high school dropouts by providing the values, skills, education and self-discipline needed to become responsible, productive citizens who will succeed as adults.

To date, 3,131 high school dropouts have successfully completed the 17 month program and have become contributing and productive members of our communities.

This program is funded by the Department of Defense (75 percent) and the state of Maryland (25 percent). It is cost-free for cadets. For additional information, visit [www.ngycp.org/state/md](http://www.ngycp.org/state/md) or call 410-436-3331.

## U.S. Army Materiel Systems Analysis Activity (AMSAA)

AMSAA conducts analyses across the Materiel Lifecycle to inform critical decisions for current

and future Warfighter needs while valuing the unique knowledge, experiences, and backgrounds of its people. AMSAA is the Army's recognized source of credible materiel lifecycle analysis and decision support for the Warfighter.

AMSAA provides responsive systems analysis to support the equipping and sustaining of weapons and materiel for Warfighters in the field as well as Future Army Forces. AMSAA is all about military systems analysis to provide decision making support to aid the Soldier.

For more information call 410-278-0433; email: [usarmy.APG.amsaa.list.g-3@mail.mil](mailto:usarmy.APG.amsaa.list.g-3@mail.mil), or visit <http://web.amsaa.army.mil>.

### **U.S. Army Medical Research Institute of Chemical Defense (MRICD)**

The USAMRICD is the nation's Center of Excellence for Medical Chemical Defense. The mission of the USAMRICD is to discover and develop medical products and knowledge solutions against chemical threats through research, consultation, education and training.

A new replacement facility for the USAMRICD is presently under construction and will become operational this year. The new facility, which totals 526,000 square feet and has the capacity for 395 employees, will significantly enhance the nation's ability to develop medical countermeasures to chemical weapons and to teach medical treatment of chemical agent casualties to health care professionals.

Institute scientists perform comprehensive, basic scientific research to devise and transition products for chemical agent defense to advanced development. Fundamental and applied research in pharmacology, toxicology, pathology and biochemistry is conducted to define how chemical warfare agents produce harmful effects and to identify and evaluate pretreatment and prophylactic protective measures, antidote therapies and other means to sustain the U.S. armed forces in chemical environ-

ments. The scientific information gained is shared via peer-reviewed journals, publications, presentations, and technology to ensure an unsurpassed knowledge base of medical chemical defense information. The USAMRICD also engages in collaborative work with numerous organizations. For example, the institute is leading a consortium of laboratories engaged in chemical and biological defense program research by designing and managing the Absorption, Distribution, Metabolism, Excretion, and Toxicity (ADMET) Center of Excellence. A joint effort, the center's mission is to characterize chemical warfare threats and candidate medical countermeasures against them.

The Chemical Casualty Care Division educates medical professionals and first responders in the management of chemical casualties and provides consultation to military and civilian authorities. Under sponsorship of the U.S. Army Medical Department Center and School, The Army Medical Department and The Office of The Surgeon General, its staff of physicians, nurses, and other highly qualified military and civilian personnel develops and presents post-graduate education programs for medical professionals, hospital administrators, medical planners, and first responders in the management of chemical agent casualties. Many of its continuing medical education courses are accredited for CME/CEU credits for physicians, nurses, and paramedical professionals.

For more information, call 410-436-1861 or visit <http://usamricd.apgea.army.mil/> or <http://ccc.apgea.army.mil/>.

## **P**

### **Program Executive Office, Assembled Chemical Weapons Alternatives (PEO ACWA)**

Enhances national security and executes the nation's chemical weapons elimination imperative by the safe and environmentally sound destruction of chemical weapons stockpiles stored at the Blue Grass Army Depot (Kentucky) and the Pueblo Chemical Depot (Colorado). PEO ACWA oversees the development and full-scale pilot testing of the selected destruction technologies at both locations. Each of PEO ACWA's plants is a one-of-a-kind facility designed at APG, center of the nation's foremost chemical demilitarization expertise, employing the highest degree of automation and robotics to disassemble and safely destroy obsolete munitions containing nerve and mustard agents. For more information, contact the PEO ACWA Public Affairs Office, 410-436-3398 or follow us on Facebook, [www.facebook.com/peoacwa](http://www.facebook.com/peoacwa), and Twitter, [www.twitter.com/acwanews](http://www.twitter.com/acwanews) or visit the PEO ACWA website at [www.peoacwa.army](http://www.peoacwa.army).

mil.

### **Program Executive Office Command, Control and Communications - Tactical (PEO C3T)**

PEO C3T develops, acquires, fields and supports the Army's tactical communications network – a critical Army modernization priority that brings information dominance to present and future Soldiers. The network is critical to connecting the forces and empowering Soldiers and leaders to make decisions with the right information at the right time.

PEO C3T is delivering the network to austere regions around the globe, enabling high-speed, high-capacity voice, data and video communications to a user base that includes the Army's joint and coalition partners. Through the integrated "Capability Sets" now being fielded to brigade combat teams across the Army, PEO

C3T is providing mobile network connectivity from the brigade commander all the way down to the dismounted Soldier.

PEO C3T technologies allow Soldiers in tactical vehicles to plan and execute their missions while on the move across the battlefield, tracking friendly and enemy force locations on a digital map. Capabilities fielded by PEO C3T allow Soldiers to digitally call for fires, accurately engage their targets, send text messages reporting enemy locations or requesting medical help, and track unit readiness and equipment availability. PEO C3T is increasing competition in its network and mission command system procurements in order to deliver enhanced capability for the Soldier while lowering costs for the Army.

Aberdeen Proving Ground is the collaborative hub where PEO C3T will continue to innovate for the future. PEO C3T will deliver a pervasive, integrated network that gives Soldiers the information they

need from garrison to the foxhole, while simplifying the network so it is easier to use, train, maintain and sustain.

For more information, visit the PEO C3T website at <http://peoc3t.army.mil/c3t/>.

### **Program Executive Office-Ground Combat Systems Field Office (PEO-GCS)**

Provides on-site liaison support to numerous Project Management offices during the research, development, test and evaluation of their products and platforms. PM offices are located elsewhere throughout the country, so these liaisons provide a vital link for them to the test site at APG.

Plans, coordinates, monitors and reports test status and developments of testing to the PMs. Facilitates near real-time test status information to the PM decision makers, enabling PMs to assess emerging test results and "adjust



U.S. Army 20th CBRNE photo  
Soldiers from across the nation participated in the first CBRNE (Chemical, Biological, Radiological, Nuclear and Explosives) Leaders Course at Gunpowder Range, Maryland, March 24 - April 2, 2015. The course was hosted by APG-based 20th CBRNE Command.

fire," if needed. This capability is essential as the PMs strive to find the most efficient ways to develop and safety test new equipment for the Warfighters.

Test programs currently being supported by this office include the Abrams tank, Bradley Fighting Vehicle, PM Self Propelled Howitzer Systems, M88A2 Recovery Vehicle, BFIST, and M1200 Knight Fire Support Platforms, which are all managed by PM Armored Brigade Combat Team (ABCT). Another test program currently being supported by this office is Stryker, which is managed by PM Stryker Brigade Combat Team (SBCT).

This APG Field Office has the capability to support any other programs managed under PEO-GCS.

For more information about PM ABCT, call 410-278-3300/2773 or visit [www.peogcs.army.mil](http://www.peogcs.army.mil).

### **Program Executive Office Intelligence, Electronic Warfare and Sensors (PEO IEW&S)**

The PEO IEW&S mission is to provide affordable, world-class sensor and electronic warfare capabilities, enabling rapid situational understanding and decisive actions. PEO IEW&S products can be used for targeting, situational awareness, force protection, cyber warfare and reconnaissance, surveillance and target acquisition (RSTA). These critical systems are integrated into the network's layers and enable persistent surveillance, allowing the Joint and Coalition Warfighter to control time, space and the environment, while greatly enhancing survivability and lethality.

PEO IEW&S rapidly transforms requirements and validated field requests into reality and supports critical current operations, including: counter-improvised explosive devices (IEDs); aviation platform survivability; persistent ISR; and the Integrated Intelligence Architecture.

PEO IEW&S is responsible for a multi-billion dollar portfolio consisting of a combination of more than 80 Programs of Record and Quick-Reaction Capabilities. Addressing Soldiers' needs and providing them with capabilities in the most effective and financially responsible manner is paramount to our success. These systems are integrated with other intelligence assets into a system-of-systems architecture that provides ISR, force protection and RSTA collection capabilities, data repositories, services and exploitation capabilities across coalition boundaries.

Fielded assets range from airborne and ground sensors to the network connectivity and analyst tools used to exploit the large amounts of collected information. Headquartered at Aberdeen Proving Ground, Md., the organization has a presence at Ft. Belvoir, Va., Redstone Army Arsenal, Ala., and Los Angeles AFB, Calif.

For more information, visit the PEO IEW&S website at <http://peoiews.apg.army.mil>.

### **Program Executive Office Missiles and Space (PEO MS)**

The Program Executive Office, Missiles and Space or PEO MS provides centralized management for all Army tactical and air defense missile programs and selected Army Space programs. The PEO was established in January 2005 with the merger of the PEO Air, Space and Missile Defense and the PEO Tactical Missiles. The PEO is responsible for the full life-cycle management of assigned programs.

The PEO Missiles and Space reports to the Army Acquisition Executive and is aligned with the Aviation and Missile Life Cycle Management Command at Redstone Arsenal, Alabama. This Materiel Enterprise relationship enhances the PEO's ability to provide the world's finest support to the Army, Joint Service, Interagen-

cy, and coalition warfighters and customers while continuing the Army modernization.

For more information, go to **WWW.MSL.ARMY.MIL**.

### **U.S. Army Public Health Command (USAPHC)**

The mission of the U.S. Army Public Health Command is to promote health and prevent disease, injury and disability of Soldiers and military retirees, their Families, and Army civilian employees; and assure effective execution of full-spectrum veterinary service for the Army and DoD. Headquartered at APG, the command provides public health services to DoD clients around the world through five public health regional commands and 14 districts.

For more information, call 410-436-1770 or visit the USAPHC website at **<http://phc.amedd.army.mil/>**.

## **R**

### **U.S. Army Research, Development & Engineering Command (RDECOM)**

To meet this commitment to the Army, RDECOM develops technologies in its six major research, development and engineering centers and the Army Research Laboratory.

As the Army's technology leader and largest technology developer, RDECOM also integrates technologies developed in partnership with an extensive network of academic, industry, and international partners.

Provides the Army with an organic research and development capability.

More than 14,000 Soldiers, civilian employees and direct contractors form this world-class team. As

part of that team, there are 11,000 engineers and scientists, many of whom are the Army's leading experts in their fields.

A fundamental characteristic of this workforce is the focus on the Soldier.

Whether providing technology solutions to meet current operational needs or developing break-through technologies for the next generation, RDECOM stands at the forefront of what the Soldier eats, wears, fires, flies or drives.

For more information, call 410-306-4489 or visit **<http://www.army.mil/rdecom>**.

## **S**

### **U.S. Army System of Systems Engineering and Integration Directorate (SOSE&I)**

The SoSE&I Directorate, under Assistant Secretary of the Army for Acquisition, Logistics, and Technology (ASA) (ALT)), provides coordinated System of System (SoS) analysis, engineering and architectural and integration products to facilitate how the Army efficiently shapes, manages, validates and synchronizes the fielding of integrated materiel capabilities.

The SoSE&I Directorate is comprised of three main directorates:

- System of Systems Integration (SoSI)
- System of Systems Engineering (SoSE)
- Chief Information Officer (CIO)

The SoSI, through the SoS approach, synchronizes integration and interoperability across the Program Executive Offices (PEOs) and Army

Programs of Record (PoRs), current force systems and other Doctrine, Organization, Training, Leadership, Personnel and Facilities (DOTLPPF) elements, in order to achieve integrated capabilities for a full-spectrum force. SoSI is the material integrator for the Network

Integration Evaluations (NIEs) and Capability Set (CS) fielding efforts.

For more information, visit **<http://integration.army.mil/>**

## **T**

### **U.S. Army Test, Measurement and Diagnostic Equipment Support Center-Aberdeen**

This A2LA accredited calibration facility calibrates and repairs all test, measurement and diagnostic equipment for APG and some DoD activities in the area, and all DA active-level radiac located in 16 surrounding states.

For more information, call 410-278-4464 or visit **<https://tmde-home.redstone.army.mil/>**.

## **V**

### **Veterinary Treatment Facility (APG) Directorate of Health Services**

Provides veterinary support to DoD operations in area of responsibility, including veterinary food inspections, zoonotic disease management, military working dogs and pet wellness support for eligible beneficiaries (active duty and retirees) at Aberdeen Proving Ground. For more information, call 410-278-4604.

 **APG NEWS**

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## BY THE NUMB#RS

### The United States Armed Forces

The U.S. Defense Department, National Guard, Reserves and Coast Guard employ more than 3 million personnel, making it one of largest employers in the nation - and the world.

**1,359,173**

Number of service members in the U.S. Armed Forces.

**696,876**

Civilian employees working for the Defense Department, as of Dec. 31, 2014.

**498,160**

Active-duty Soldiers in the U.S. Army. 398,146 of those Soldiers are enlisted personnel.

**348,722**

Current members in the Army National Guard, all of whom have a dual state/federal mission.

**70,144**

Service members deployed overseas, as of Dec. 31, 2014.

**4,307**

Cadets currently enrolled at the U.S. Military Academy at West Point.

**15**

Percent of active-duty Soldiers who are female.

By **AMANDA ROMINIECKI** APG News

(All numbers accurate as of Feb. 28 unless noted otherwise. Source: [www.dmdc.osd.mil](http://www.dmdc.osd.mil))



U.S. Army 20th CBRNE photo  
Spc. Alec Romine, 717th Explosive Ordnance Disposal (EOD) Company, part of the APG-based 20th CBRNE (Chemical, Biological, Radiological, Nuclear and Explosives) Command, reviews his x-ray setup on a suspect improvised explosive device during EOD team training to further develop individual technical competencies Jan. 21-27 at Fort Campbell, Kentucky.