



AER campaign exceeds goal

By **RACHEL PONDER**
APG News

The Aberdeen Proving Ground Army Emergency Relief fund exceeded its goal of raising \$55,000 by more than \$5,000, during the campaign which ran from March 1 through May 30.

AER is the Army's own emergency financial assistance organization and is dedicated to "Helping the Army Take Care of Its Own." The campaign theme this year was "Supporting Soldiers and their Families; Yesterday, Today and Tomorrow," which recognizes the vital role AER plays in enabling Soldiers to better focus on accomplishing their mission.

Army Community Service Chief Janice Downey said that the success of the campaign demonstrates that the APG community will continue to support the military, even while facing obstacles like sequestration and possible furloughs.

"I would like to thank not one person, but everyone," she said. "During these hard times, it takes the 'whole village' to help each other."

Downey said that the APG military retiree population donated the largest amount, making over 68 percent of the contributions.

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Photo by Yvonne Johnson

Garrison announces furlough help

(From left) Cindy Scott, prevention coordinator, and Kenneth Gesch, suicide prevention program manager, chat with Sharon Moxley of Human Resources at the Army Substance Abuse Program display after the Garrison Town Hall meeting at the Post Theater June 11. Garrison Commander, Col. Gregory McClinton and Garrison directors briefed employees on programs in place to aid workers and families impacted by the upcoming furloughs.

Summer, high grass raise chances of tick bites

CHANEL S. WEAVER,
U.S. Army Public Health Command

Civilian furloughs are not the only side effect of sequestration. Individuals living and working at Aberdeen Proving Ground may notice that the grass is a little higher than normal in some areas.

This uncut grass can increase the chance of being bitten by ticks, according to Ellen Stromdahl, an entomologist at the U.S.

Army Public Health Command who manages DOD's Human Tick Test Kit Program.

Army operation and maintenance accounts have been reduced and as a result, mowing operations have also been reduced at the post.

Last year, there were 38 term employees dedicated to grass cutting at APG. But this mowing season, there are only 10 term

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ASAP showcases upgraded facility, services

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

The APG Garrison's Army Substance Abuse Program officially opened its doors June 5 after the completion of a renovation that substantially transformed the building and enhanced the operation's service to the community.

Located in Bldg. 2477, a new front section, containing offices and a conference room has been added to the original building. Separating the two sections is a new main entrance at the building's center which contains a semi-circular reception counter on one side and a waiting area with comfortable easy chairs and a wide-screen wall-mounted television on the other.

Upgrades in the original portion of the building include added storage closets in the meeting room and classroom/lab area; and an added rest-room and additional counter space in the lab.

APG Adjutant Janet Dettwiler welcomed guests and Timothy Knox, APG Alcohol and Drug Control Officer (ADCO), led a tour of the facility. Guests included APG Garrison Commander, Col. Gregory McClinton; Deputy Garrison Commander Glenn Wait; and Garrison Command Sgt. Maj. James Ervin.

McClinton called the operation "one of the unsung efforts you don't hear about until there's a problem."

"This has been a long time coming and we all appreciate the effort you put in every day," he told Knox and his staff.



From left, Garrison Command Sgt. Maj. James Ervin and Alcohol and Drug Control Officer Timothy Knox chat in the new reception area of the Army Substance Abuse Program facility in Bldg. 2477 during its open house June 5.

He cautioned that their jobs won't get any easier with furloughs approaching and praised Knox for his consistent advocacy of the program to Garrison, tenant and Installation Management Command leaders.

"You always ask for support for our Soldiers and their families and civilians and you need to keep that up," he told Knox.

Dettwiler said the opening signifies the co-located chemical and non-chemical side of substance abuse. She reminded listeners that along

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Ready or not: 2013 Hurricane season is here

Compiled by **YVONNE JOHNSON**
APG News
NOAA.gov

Hurricane Sandy, the strongest named storm of the 2013 Atlantic hurricane season, left its mark on the northeast coast just seven short months ago and several areas, particularly in New Jersey, are still struggling to recover.

In the recently released 2013 Atlantic Hurricane Season Outlook the National Oceanic and Atmospheric Administration (NOAA) Climate Prediction Center forecasted an active or extremely active season. There is a 70 percent likelihood of 13 to 20 named storms (winds of 39 mph or higher), of which 7 to 11 could become hurricanes (winds of 74 mph or higher), including 3 to 6 major hurricanes (Category 3, 4 or 5; winds of 111 mph or higher), according to the administration's website at NOAA.gov; well above the seasonal average of 12 named storms, 6 hurricanes and three major hurricanes during the season that lasts from June 1 to Nov. 30.

With Tropical Storm Andrea, last week's first-named storm, lifting the curtain on the 2013 Atlantic hurricane season, APG emergency operations personnel urge the community to prepare now.

Pedro Rodriguez is the emergency manager/CBRNE specialist with the Garrison's Directorate of Plans, Training, Mobilization and Security (DPTMS). Along with Richard DeOliveira, chief of the Garrison Emergency Operations Center, Rodriguez and a staff of emergency professionals staff the Garrison's

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WEATHER

Thurs.



84° | 62°

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ICE system
<http://ice.disa.mil/>
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Army collaborates with U of M to create robotic bird

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ONLINE

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OPINION

STREET TALK

What do you enjoy most about your job?

I enjoy interacting and working with the children and seeing them learn through play, seeing them grow.



Linda Murphy
CDC Assistant Director

I enjoy the people that I work with the most. I have a mentally tough job, but the people that I work with help each other, we work through (the challenges). It makes the job easier.



Spc. Karen Cortes
46th Chemical Company (TE)

What I enjoy most about my job is interacting with my employees. They are always thinking of new ways to look at problems. They are solution based Engineering Center employees. It is fun to see how they approach challenges and grow as employees. I think they bring new energy to the government, it is inspiring.



Angela Reese-Dashiell
Software Engineering Center

In this position I get to help people fund their ministries. I have the opportunity to bless people; it is the best job in the Army



Chaplain (Capt.) Wyne Hutchings
Garrison Pastoral Coordinator

Army celebrates 238 years

When you stop to think about it, June 14th is a truly extraordinary day. It's the day when more than 1.1 million Army Soldiers, 318,000 Army Civilians, 1.4 million Army Family members and more than nine million Army veterans – all have the chance to pause and reflect on the unique strength, values, and traditions of the great institution we are each a proud part of – America's Army. It was June 14, 1775, before the United States was even a nation, that the Second Continental Congress first voted to establish an Army to confront British forces in the New England colonies. Less than 24-hours later, a Virginia farmer and gentleman named George Washington assumed duties as the first commander of this new Continental Army. Less than 72 hours later, America's Soldiers fought the British at the Battle of Bunker Hill in Massachusetts, inflicting over 1,000 casualties on the better armed and better trained forces of what was then, the world's greatest military power.

In the 238 years since the birth of our Army, Soldiers have served our nation with courage and distinction at home and around the globe. Today, the Army's official colors include 187 battle streamers representing 187 campaigns fought in defense of our nation. Some of those streamers bear the names of battles fought only a few hours drive from Aberdeen Proving Ground like Trenton and Germantown from the Revolutionary War; Bladensburg and Fort McHenry from the War of 1812; and Antietam and Gettysburg from the Civil War. Others bear the names of battles fought far from home like Manila, Meuse-Argonne, Anzio, Normandy, Korea, Vietnam and Kosovo, along with the most recent battle streamers added to our Army Colors – Afghanistan and Iraq.

Whether these battles were near or far; two centuries ago or just last week, they all share one thing in common: They were fought by Soldiers who swore the same oath, served with the same dedication, and demonstrated the same courage, warrior spir-



As important as it is to remember our history and traditions on the Army Birthday, it is also vital that we recognize that on this June 14th, more than 170,000 Soldiers are forward deployed in nearly 160 countries

it, readiness, resiliency and high-standards of military professionalism that today have come to epitomize the U.S. Army.

Throughout our history, Soldiers have been supported by dedicated families back at home whose service and sacrifice equals that of our men and in women in Army uniform. Our Soldiers have also been sustained by an Army Civilian Corps of talented, committed public servants who often deploy right alongside our warfighters and who make up one of the indispensable twin pillars of our Army Profession.

Here at Aberdeen Proving Ground, June 14 is a day when we can take pride in the special contribution this historic installation has made to the 'Strength of our Army.' As the Army's oldest, active proving ground, APG has been at the forefront of researching, testing, developing and sustaining the weapons and technology that have given our Soldiers a combat edge since APG's founding back in 1917. The first commander of APG, Col. Colden Ruggles, assumed command Jan. 1, 1918. In the next 30 days alone, the Army would test-fire more than 5,000 new artillery rounds at APG in preparation for fighting on the battlefields of Europe – and the operational tempo at APG hasn't slowed down since.

Today's 'Team APG' remains a center of innovation for our Army and Joint Force that continues to pioneer developments in

areas like communications, computers, medical research, engineering, and chem-bio defense.

As important as it is to remember our history and traditions on the Army Birthday, it is also vital that we recognize that on this June 14, more than 170,000 Soldiers are forward deployed in nearly 160 countries around the globe. That fact is that from our Army veterans to our defense industry partners, to the great local communities all around the country that our posts, camps and stations rely on for support, June 14 is the time when our entire 'Army Family' can come together and celebrate the role we play in securing the freedom of our nation.

The theme for this year's Army Birthday is: "Service to the Nation, Strength for the Future," and at APG, we are kicking off the Army Birthday Celebration with a run/walk and cake-cutting ceremony at Fanshaw Field, June 13, beginning at 6 a.m. To each and every member of our Army Family and Team APG – I want to thank you for your service and I wish you a Happy 238th Birthday. Army Strong!

Maj. Gen. Robert S. Ferrell

Commander, U.S. Army Communications-Electronics Command & Aberdeen Proving Ground

APG mourns first Gold Star Mother

It is with great sadness that the APG community received word of the loss of Carol Roddy of Abingdon.

A fixture at APG, Roddy and her family first gained local attention after her son, the late David S. Roddy, a Navy explosives ordnance specialist, was killed Sept. 16, 2006, while conducting combat operations against enemy forces in Anbar Province, Iraq. When word spread that members of the Westboro Baptist Church planned to protest at his funeral, dozens of people from the APG community joined local veteran motorcycle clubs, firefighters and police to form a red, white and blue cordon for the family in front of the St. Francis de Sales Church in Abingdon during the funeral.

Their actions endeared the APG community to the Roddy family and moved Carol Roddy to form the first Gold Star Mothers Inc. chapter in Maryland. Her husband, Bob Roddy, a military veteran and former NSA civilian became a regular volunteer with APG's Army Community Service – Survivor Outreach Service Program. Carol, Bob and her band of Mothers were and still are frequent guests of APG celebrations and events. Carol Roddy took the lead in connecting APG leaders with the families of Fallen Warriors at state and

national levels and through her encouragement, Gold Star Mothers and families from as far away as Maryland's Easter Shore and Delaware attended APG events. Roddy was present in 2009 during the dedication of the installation's memorial to the state of Maryland's Fallen; she was at the 2012 Armed Forces Day celebration where she witnessed the dedication of the Gold Star Families gazebo at the Post Chapel, and most recently she was on hand for the combined Patriot Day and Gold Star Mother's Day celebrations on Sept. 11, 2012.

Roddy's infectious enthusiasm endeared her to APG commanders. She befriended former APG leaders, Maj. Gen. Nick Justice, and Command Sgt. Maj. Hector Marin, Garrison leaders Col. Orlando Ortiz and Command Sgt. Maj. Rodney Rhoades as well as current APG senior leader Maj. Gen. Robert Ferrell and installation Command Sgt. Maj. Kennis Dent.

Ferrell called Roddy's compassion and commitment to doing all she could for the nations' fallen, "absolutely inspirational," and said that "her warmth, compassion and commitment to the Gold Star Mothers mission endeared her to so many at APG."

"Her dedication and personal engagement truly energized APG's support of our

Gold Star Families and really for our entire military community," he said. "Carol was always there for our APG ceremonies and events and she was admired by everyone who worked with her.

"Everyone at APG will miss this tremendous lady. Her legacy will be a greatly strengthened relationship between the men and women of APG, our Gold Star Mothers, and the families of all of our fallen heroes."

Because of her tireless efforts to aid the families of fallen Soldiers and active duty Families in the Maryland and Delaware area, Roddy was awarded the Military Family Hero Award during this year's Military Appreciation celebration. Due to illness she was unable to attend and it will be awarded posthumously after the 7 p.m. U.S. Army Soldier Show performance at the APG Post Theater June 16.

Roddy's survivors include her husband Bob Roddy, her son Michael, her sister Barbara Christopoulos, brother-in-law Peter and grandchildren Michael and Jessica. Services for Roddy were held June 12 at the St. Francis de Sales Church in Abingdon. The family requests that contributions in Roddy's memory be made to the Gold Star Mothers of Maryland.

APG SEVEN DAY FORECAST

Thurs



84°|62°

Fri



73°|59°

Sat



79°|63°

Sun



83|70°

Mon



82°|71°

Tue



85°|68°

Wed



81°|65°

APG NEWS

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Researchers bring standard Army battery charger 'into the 21st century'

By **AMANDA ROMINIECKI,**
CERDEC Public Affairs

Consider all the pieces of technology you rely on throughout the day, both at work and at home, and how you are limited to the length of each device's battery life.

Now imagine not having an accessible way to power any of them, perhaps for days. This is the harsh reality of today's networked Soldier.

Over the past two decades the electronic devices Soldiers use and the rechargeable batteries that power them have advanced significantly, but the equipment used to recharge these batteries in the field are outdated and inefficient. The U.S. Army Research, Development and Engineering Command's communications-electronics center, or CERDEC, is working to change that paradigm.

A collaborative effort between the Army Research Laboratory, or ARL; Project Manager Soldier Warrior, or PM SWAR; the Communications-Electronics Command Logistics and Readiness Center, or CECOM LRC; CERDEC Command, Power and Integration Directorate, or CP&I; and their industry partners has resulted in what is known as the Universal Battery Charger. The Universal Battery Charger, or UBC, represents the first major update to the standard Army battery charger in almost two decades.

The current Army Standard Battery Charger is based on technology from the 1990s, according to CERDEC CP&I engineer Marc Gietter. Roughly the size of a carry-on suitcase, it is not something a Soldier can carry with him in the field.

"We're taking that 1990s technology and shrinking it, bringing it into the 21st century," Gietter said. "It will keep up with today's technology."

Two versions of the current Army standard charger exist, explained Ari Herman, a CERDEC Product Realization Directorate engineer who currently supports the CECOM LRC. The first is vehicle mounted and the other is a table-top, stationary device. "While it will charge new batteries, it isn't optimized for batteries currently used on the battlefield - it does not make efficient use of available space, resulting in a much bulkier charger," he said.

"There is an increasing need with the networked Soldier for portable power," said Dave Schimmel, PM SWAR lead engineer. "There is a widening gap between the need for power and the actual availability of that power when the Soldier is in the Tier-I environment [the most austere environment, such as the remote areas of Afghanistan] so portable power is an absolute requirement."

The new Universal Battery Charger, or UBC, will be a Soldier-portable charging system, weighing six pounds and smaller than the size of a shoe box. It provides an on-the-move capability, allowing the Soldier to quickly connect to any power source, at any time.

"You can hook this battery charger up to anything that provides power -- a generator, fuel cell, solar panel, wind turbine, vehicle cigarette lighter -- anything," Gietter said.

By allowing the charger to connect to any power source it gives the Soldier versatility, which is critical in the ever-changing battlefield environment. The Soldier can quickly tap into the energy provided from a vehicle during transport or connect to a wind turbine, like the one found in another CERDEC CP&I technology, Re-



Photo by Claire Heining

Electronic devices like Nett Warrior, a handheld situational awareness and messaging tool pictured here, increase the Soldier's reliance on batteries and power sources to charge them. The new Universal Battery Charger currently in development by CERDEC will make charging batteries simpler and more efficient.

Using Natural Energy, Wind and Solar, or RENEWS.

The UBC will include a foldable solar panel, giving the Soldier yet another option when traditional power is inaccessible, Gietter said.

"The UBC will have more capability, more efficiency and the ability to solve a more universal need for the Warfighter," Schimmel said.

In line with commercial technology, all new Army rechargeable batteries are "smart," meaning there is communication between the battery and the end item device or charger. An everyday example of this technology is the battery life indicator on your cell phone.

"Any battery today, much like the battery in a laptop or cell phone, is a smart battery," Gietter said. "The circuitry tells the charger how it wants to be charged, to do this and not do that. So now, these chargers are smart chargers and will respond to each individual battery."

Much like any new Army technology, the UBC has strict specifications for rugged conditions the Soldier faces on a daily basis. It must be able to withstand extreme temperatures, humidity, rain, sand and wind. It needs to function while experiencing the bumps and vibrations inside a vehicle. Unlike most commercial electronics, it must also not be destroyed by water.

"The charger will function after being completely submerged in water," Schimmel said. "It doesn't have to work under water, but it needs to work after being subjected to a river fording. Soldiers do river crossings as needed for mission execution. We don't want them to be carrying a six-pound brick after one of those crossings."

Part of the appeal of a universal charger and the new UBC is its ability to charge different types of batteries with one device and the ability to do so simultaneously.

"The UBC can charge eight batteries and two USB devices at once," Gietter said. "The USB component is becoming increasingly important as the Soldier moves toward being more connected via a smartphone. It also can charge a morale-

boosting device like an iPod."

Complimentary to the research into the new UBC is continued refinements to the Conformal Wearable Battery, or CWB. The CWB is a flexible battery worn by the Soldier as part of the uniform. It bends to the shape of the body, rather than the Soldier carrying a traditional, rigid rectangular box battery.

"The CWB allows the Soldier to actually wear the battery and have it seamlessly integrated into his uniform, reducing

We're taking that 1990s technology and shrinking it, bringing it into the 21st century. It will keep up with today's technology.

Marc Gietter

CERDEC CP&I engineer

the burden on the Soldier," Schimmel said. "It feels like less of a weight and may be placed where the Soldier wants it."

The conformal battery is part of the Soldier Wearable Integrated Power System, or SWIPES, which integrates the charging of radios, GPS, smartphones and other Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance, or C4ISR, technologies into the Soldier's vest. Each pocket serves as a charging port.

"The conformal battery is the first flexible, full temperature range battery that will actually top-charge all C4ISR technologies," Herman said. A Soldier can charge devices as they sit in the pockets of his vest, rather than having to swap in new batteries during combat.

The position of the battery is crucial. It can be integrated into the vest in an area

that normally is unusable anyway, like under the Soldier's arm, rather than placing it in a pocket that could be holding something more vital like ammunition, Schimmel explained.

The development of the UBC and refinements to the conformal battery represent a key partnership between several organizations across the lifecycle of Army power and energy technology. Starting at the fundamental research and basic chemistry of batteries and electronics is ARL. The fundamental research is then transitioned to CERDEC, which further develops it into a working and realistic technology. PM SWAR evaluates the technology and gathers feedback from the Soldier to determine if it effectively meets their needs. The LRC completes the lifecycle by working out production contracts, long-term support and sustainment efforts.

The Training and Doctrine Command and the PM help to identify capability gaps and keep the focus on technologies that meet the current mission and the future warfighter needs. They represent the user from the very fundamental research to the logistics and support, Schimmel said.

"This team has been working together on developing new technology for the Warfighter, then evaluating and testing the results for many years now," Schimmel said. "From engineers, the PM and the acquisition side, to the actual test labs, developers and integrators, we have been working collectively to focus on targeted solutions for the Warfighter together as a team. We have accomplished all that we have due to focused efforts as a team working collectively."

The organizations leverage each others' expertise as they work toward the same common goal.

"Any battery anywhere is really what it boils down to -- for the Soldier to have the ability to charge any battery in any environment," Gietter said. "We are giving the Warfighter a desperately needed power source."

Hurricane preparedness

Continued from Page 1

Emergency Operations Center (EOC) where responses to all installation incidents and weather-related emergencies are coordinated.

Rodriguez said that people should consider Andrea a precursor to what could be on the horizon and take the time now to prepare themselves, their families and their homes for weather emergencies.

“Severe weather events can result in significant impacts to our families, our friends and neighbors,” he said. “Emergency preparedness actions prior to events taking place are essential to protect life and possessions.”

Rodriguez recommended using the www.ready.gov/hurricanes website to gather preparedness information for weather-related and other emergencies as well as to keep apprised of forecasts, watches and warnings during severe weather. Local recommended sites include the Maryland Emergency Management Agency at mema.maryland.gov; the Harford County Emergency Operations Center at harfordpublicsafety.org; and Cecil County’s Department of Emergency Services at ccdes.org/emergencymanagement. View more regional emergency management websites below.

During weather-related emergencies, Rodriguez said the APG EOC, in conjunction with Harford and Cecil County emergency managers, provides early warning response recommendations and recovery support to all APG residents, families and employees.

“We will mitigate disasters and ensure compassionate care to all,” he said.

Below is more information about responding to emergency situations before, during and after the storm.

Installation closure

In the event the installation commander decides to delay opening or closing the post, the EOC will provide notice via the APG Weather Line at 410-278-7669; Twitter; Facebook; the APG website and local news and radio stations listed below. Emergency Action officers also will be notified telephonically and by e-mail.

APG website: www.apg.army.mil
 APG Facebook: <https://www.facebook.com/APGMd>
 APG Twitter: <http://twitter.com/USAGAPG>

TV & Radio news stations:
 WBAL-TV, Channel 11, Baltimore
 WMAR-TV, Channel 2, Baltimore
 WBFF-TV, Channel 45, Baltimore
 WJZ-TV, Channel 13, Baltimore
 WAMD, AM 970, Aberdeen
 WXCX, FM 103.7, Havre de Grace
 WBAL, AM 1090, Baltimore
 WIYY, FM 97.9, Baltimore
 WPOC, FM 93.1, Baltimore
 WDEL, AM 1150, Wilmington, De.
 WSTW, FM 93.7, Wilmington, De.
 WSBA, AM 910, York, Pa.
 WARM, FM 103.3, York, Pa.
 WROZ, FM 101.3, Lancaster, Pa.
 NOAA eyes busy storm season
 NOAA.gov

Three climate factors that strongly control Atlantic hurricane activity are expected to come together to produce an active or extremely active 2013 hurricane season. These are:

- A continuation of the atmospheric climate pattern, which includes a strong west African monsoon, that is responsible for the ongoing era of high activity for Atlantic hurricanes that began in 1995;

- Warmer-than-average water temperatures in the tropical Atlantic Ocean and Caribbean Sea; and

- El Niño is not expected to develop and suppress hurricane formation.

“This year, oceanic and atmospheric conditions in the Atlantic basin are expected to produce more and stronger hurricanes,” said Gerry Bell, lead seasonal hurricane forecaster with NOAA’s Climate Prediction Center. “These conditions include weaker wind shear, warmer Atlantic waters and conducive wind patterns coming from Africa.”

NOAA’s seasonal hurricane outlook is not a hurricane landfall forecast; it does not predict how many storms will hit land or where a storm will strike. Forecasts for individual storms and their impacts will be provided throughout the season by NOAA’s National Hurricane Center.

“The start of hurricane season is a reminder that our families, businesses and communities need to be ready for the next big storm,” said Joe Nimnich, FEMA associate administrator for



Response and Recovery. “Preparedness today can make a big difference down the line, so update your family emergency plan and make sure your emergency kit is stocked.”

May 26 - June 1, was National Hurricane Preparedness Week. To help those living in hurricane-prone areas prepare, NOAA is offering hurricane preparedness tips, along with video and audio public service announcements in both English and Spanish, featuring NOAA hurricane experts and the FEMA administrator at www.nhc.noaa.gov/prepare/.

Emergency Management websites
 Baltimore County: www.baltimore-countymd.gov

Baltimore City: <http://emergency.baltimorecity.gov/Home.aspx>

York County, Pa.: www.yorkcounty-pa.gov/emergency-services.html

Delaware: www.dema.delaware.gov
<http://www.fema.gov/hazard/hurricane/index.shtml>

http://www.nhc.noaa.gov/HAW2/english/disaster_prevention.shtml

<http://www.nhc.noaa.gov/surge/>

What is a Hurricane

NOAA.gov

Hurricanes start as tropical cyclones. A tropical cyclone is a rotating, organized system of clouds and thunderstorms that originates over tropical or subtropical waters and has a closed, low-level circulation. Tropical cyclones rotate counterclockwise in the Northern Hemisphere. They are classified as:

Tropical Depression – A tropical cyclone with maximum sustained winds of 38 miles per hour (33 knots) or less.

Tropical Storm – A tropical cyclone with maximum sustained winds of 39 to 73 miles per hour (34 to 63 knots).

Hurricane – A tropical cyclone with maximum sustained winds of 74 miles per hour (64 knots) or higher. In the western North Pacific, hurricanes are called typhoons; similar storms in the Indian Ocean and South Pacific Ocean are called cyclones.

Major Hurricane – A tropical cyclone with maximum sustained winds of 111 miles per hour (96 knots) or higher, corresponding to a Category 3, 4 or 5 on the Saffir-Simpson Hurricane Wind Scale.

Saffir-Simpson Hurricane Wind Scale
 Category 1 (74-95 mph winds) – Very dangerous winds will produce some damage, ranging from roof, shingle, vinyl siding and gutter damage on homes, to extensive damage to power lines and poles causing electrical outages due to falling branches and uprooted trees.

Category 2 (96-110 mph winds) – Extremely dangerous winds will cause extensive damage. Homes may sustain roof and siding damage; shallow-rooted trees will be snapped or uprooted; and near-total power loss lasting from several day to weeks can be expected.

Category 3 (111-129 mph winds) – Devastating damage will occur. Well-built frame homes may incur major damage or removal of roof decking and gable ends. Many trees will be snapped or uprooted, blocking numerous roads. Electricity and water will be unavailable for several days to weeks after the storm.

Category 4 (130-156 mph winds) – Catastrophic damage will occur. Well-built framed home can sustain severe damage with loss of most of the roof structure and/or some exterior walls. Most trees will be snapped or uprooted and power poles downed. Fallen trees and power poles will isolate residential areas. Power outages will last weeks to months. Most of the area will be uninhabitable for weeks or months.

Category 5 (157 mph winds or higher) – Catastrophic damage will occur. A high percentage of framed homes will be destroyed with total roof failure and wall collapse. Fallen trees and power poles will isolate residential areas. Power outages will last several weeks to months. Most of the area will be uninhabitable for weeks or months.

Storm Surge

Close proximity to the Chesapeake Bay increases the threat of storm surge to this area during a hurricane. Storm surge is an abnormal rise of water generated by a storm’s winds. Storm surge can reach heights of more than 20 feet and can span hundreds of miles of coast-

MORE ONLINE

See more recommended Emergency Supply Kit items at www.ready.gov



Ready.gov: Prepare. Plan. Stay Informed www.ready.gov

Hurricanes

Hurricanes can cause catastrophic damage to coastlines and several hundred miles inland. They can produce winds exceeding 155 miles per hour as well as tornadoes and microbursts. Additionally, hurricanes can create storm surges along the coast and cause extensive damage from rainfall. Floods and flying debris from the excessive winds are often deadly and destructive as well, triggering landslides and flash flooding.

Before the storm To prepare for a hurricane take the following measures:

- Build an emergency kit and make a family communication plan
- Know your surroundings
- Learn the elevation level of your property and whether the area is flood prone.

- Identify levees and dams in your area and determine if they pose a hazard to you
- Learn community hurricane evacuation routes and how to find higher ground. Determine where you would go and how you would get there if you needed to evacuate

- Make plans to secure your property
- Cover all of your home's windows. Permanent storm shutters offer the best protection. A second option is to board up windows plywood, cut to fit and ready to install. Tape does not prevent windows from breaking in high winds.

- Install straps or additional clips to securely fasten your roof to the frame structure to reduce roof damage.
- Be sure trees and shrubs around your home are well trimmed so they are more wind resistant.
- Clear loose and clogged rain gutters and downspouts
- Reinforce garage doors; if wind enters a garage it can cause dangerous

and expensive structural damage

- Plan to bring all outdoor furniture, decorations, trash cans, grills and anything not tied down inside
- Determine how and where to secure your boat
- Install a generator for emergencies
- If in a high-rise building, be prepared to take shelter on or below the 10th floor
- Consider building a safe room

Make A Plan

Your family may not be together when a disaster strikes so it is important to plan in advance: how will you get to a safe place; how will you contact one another; how will you get back together; and what will you do in different situations. A good way to start planning is to download the Family Emergency Plan (PDF) at www.ready.gov/make-a-plan. Before an emergency happens, sit down with your family, friends, neighbors, etc., and decide how you will get in contact with each other, where you will go and what you will do in an emergency. Designate a friend or relative outside of your area or state as a point of contact for separated family members and ensure each one knows how to reach them. Keep a copy of this plan in your emergency supply kit or another safe place where you can access it in the event of a disaster. Be sure each member of your family has their own copy of the plan. In addition, check with schools, daycare centers, senior homes, rehabilitation facilities and hospitals to learn their site-specific plans for emergencies.

Make A Kit

A basic emergency supply kit should include the following items:

- Water, one gallon of water per person per day for at least three days, for drinking and sanitation
- Food, at least a three-day supply of non-perishable food
- Battery-powered or hand crank radio and a NOAA Weather Radio with tone alert and extra batteries for both
- Flashlight and extra batteries
- First aid kit
- Whistle to signal for help
- Dust mask to help filter contaminated air and plastic sheeting and duct tape to shelter-in-place
- Moist towelettes, garbage bags, and plastic ties for personal sanitation
- Wrench or pliers to turn off utilities
- Manual can opener for canned foods
- Local maps
- Cell phone with chargers, inverter or solar charger
- Additional items may include: Prescription medications and glasses
- Infant formula and diapers



Courtesy photo

Soldier show this weekend

The cast and crew of the 2013 U.S. Army Soldier Show bring their talents to APG for two shows this weekend. The first, show offers a great way to round out Father's Day this Sunday starting at 7 p.m. Or catch the lunchtime performance 11:30 a.m. the next day, Monday, June 17. Themed "Ready and Resilient" the family-friendly, high-energy 90 minute variety show features live musical productions performed by active and Reserve Soldiers. The six-month tour features performances of today's hits, yesterday's classics and even original material.

Admission is free and the show is open to the public. For more information, call 410-278-4011/4907.

- Pet food and extra water for pets
- Cash or traveler's checks and change (ATMs may be out of service)
- Important family documents: insurance policies, bank accounts, birth certificates, etc. Keep in a waterproof, portable container. Use the Emergency Financial First Aid Kit (PDF) to help organize your information
- Emergency reference information such as a first aid book
- Sleeping bag or warm blankets for each person and additional bedding during cold weather
- Complete changes of clothing including long-sleeved shirt, long pants and sturdy shoes.
- Household chlorine bleach and medicine dropper – when diluted, nine parts water to one part bleach, bleach can be used as a disinfectant. In an emergency, treat water by using 16 drops of regular household liquid bleach per gallon of water. Do not use scented, color safe or bleaches with added cleaners.
- Fire extinguisher
- Matches in a waterproof container
- Feminine supplies

- Mess kits, paper cups, plates, towels and plastic utensils
- Paper and pencil
- Books, games, puzzles or other activities for children

See more information about recommended supplies at www.ready.gov/basic-disaster-supplies-kit.

Be Informed

Before a disaster, learn how you will know there is an impending hazardous event. Familiarize yourself with the signs of events that come without warning and know the local advance alerts and warnings and how you will receive them. Knowing about the local emergency plans for shelter and evacuation and local emergency contacts will help you develop your household plan and will aid you during a crisis. Learning what to do in different situation and developing and customizing your plans for your local hazards, the locations frequented by members of your household and the specific needs of household members, including pets, will help reduce the impact of disasters and may save lives and prevent injuries.

Leave Donations

To participate in the Voluntary Leave Program, use forms OPM 630, Application to Become a Leave Recipient Under the Voluntary Leave Transfer Program; OPF 630-A, Request to Donate Annual Leave to Leave Recipient Under the Voluntary Leave Transfer Program (within agency); and OPM 630-B, Request to Donate Annual Leave to Leave Recipient Under the Voluntary Leave Transfer Program (outside agency). For info, contact Cathy Davis at 410-306-0152 or cathy.a.davis4.civ@mail.mil.

Employees eligible for donations in the Voluntary Leave Transfer Program

Lamar-Reeve, Kellie	Jack, Jones	Lamacchia, Rosemarie
Clelland, Patricia	Dull, Francis	Payne, Laurine
Johnson, Lakin	Barrett, Patrick	Robertson, Tracey
Pintilie, Jamie	Blethens, Matthew	Rogers, Theodore
Carter, Joyce	Beall, Dawn	Weber, Christina
Cwiertnie, Victoria	Merritt, Robert	Brown, Kimberly
Lewis, Rachel	Colloway, Robert	Danison, Mark
Smith, Amanda	Robinson, Lisa	France-Haff, Cheryl
Evans, Doretha	Namocatcat, Bartholomew	Hoffman, William
Brady, John	Sharman, Shannon	Park, Jessica
Hall, Jessica	Burke, Roosevelt	Smith, Deborah R.
Peter, Sue	Chiola, Hallie	Blethen, Lena
Szymanski, Ron	Jones, Deborah	Schafer, Melissa
Winne, Janeen	Dunn, Paul	Garabo, Ryan
Jefferson, Edward	Eberhardt, Joanne	Robinson, Jennifer
McClintick, Jill	Johnson, Mark	Sumic, Angie

APG service hours change during furloughs

The following agencies and offices will be affected by the furlough as follows:

DOL: Closed 11 Fridays— July, 12, 19, and 26; Aug. 2, 9, 16, 23, and 30; and Sept. 6, 13, and 20.

Commissary: closed on Tuesday due to furlough (in addition to regularly scheduled Monday off)

AAFES : No change in hours

MWR: No change in hours

RSO: No change in hours.

DHR: No change in hours.

DPW: No change in hours. The 24/7 service call desk at 410-306-1400 will remain open.

Super Eagle Supply: No change (Monday to Friday, 7:30 a.m. to 4 p.m.)

MEDDAC/Kirk Clinic: No change in hours. (Monday to Friday, 7:30 a.m. to 4:30 p.m./ Pharmacy open until 5 p.m.)

DENTAC: No change in hours. (Monday – Friday, 7 a.m. to 3:30 p.m.) APG North (Aberdeen) and South (Edgewood) dental clinics will be closed June 21 for commander's call and staff training, but the APG North clinic will open from 7 a.m. to 8:30 a.m. for sick call and dental exams.

EEO: No change in hours. (Monday to Friday 7:30 a.m. to 4:30 p.m.)

CPAC: No change in hours. (Monday to Friday 8 a.m. to 4 p.m.)

Vet Clinic: No change in hours. (Monday to Wednesday from 8 a.m. to 4 p.m. Regularly closed on Thursday and Friday, and closed July 1-12 for summer/holiday leave)

SJA: Client Services closed on Fridays beginning July 12 throughout the furlough

Army, University of Maryland create realistic robotic bird

By **T'JAE GIBSON,**

Army Research Laboratory Public Affairs

A robotic bird created by Army and University of Maryland researchers is tricking real flocks -- and hawks -- mid-air, making it a potential unsuspecting future war agent.

Robo-Raven glides, soars and flaps like a real bird. Complete individual wing control allows for extreme aerobatics that no other mechanical bird has ever been able to perform, U.S. Army Research, Development and Engineering Command researchers claim. But its ability to hide in plain sight and light weight is what excites researchers most.

"It already attracts attention from birds in the area which tends to hide its presence," said John Gerdes, a mechanical engineer with the U.S. Army Research Laboratory Vehicle Technology Directorate at APG.

Seagulls, songbirds and sometimes crows tend to try to fly in a formation near the bird during testing, but birds of prey, like falcons and hawks take a much more aggressive approach toward test flights.

"Generally we don't see them coming," Gerdes said. "They will dive and attack by hitting the bird from above with their talons, then they typically fly away."

With the aggressive maneuvers they are working on, the perch and stare mission could be possible, and when combined with solar cell wings that the University of Maryland is working on, researchers could land and charge the Robo-Raven then resume a mission.

Robo-Raven is much quieter than the helicopter or propeller, so it could get much closer to an adversary without revealing its presence. It's made out of carbon fiber, 3D-printed lightweight thermalresistant plastic, Mylar foil and foam. The geometrically complex figure is shorter than two feet and weighs less than a can of soda.

Programmed wing motion helps Robo-Raven's wings maintain optimal velocity during the flap cycle to achieve the right balance at takeoff.

Gerdes, a doctoral candidate, began building Robo-Raven in 2008 as part of graduate research at the University of Maryland's Advanced Manufacturing Laboratory that focused on developing a tech demonstrator for manufacturing



A new robotic bird created by researchers at the U.S. Army Research Laboratory and the University of Maryland weighs 9.7 grams and has a wing span of 34.3 centimeters. It can carry a payload of almost six grams.

techniques that morphed into a variety of spinoff research efforts.

Dr. SK Gupta, a professor in mechanical engineering, began working on flapping-wing robotic birds nearly a decade ago. According to a University of Maryland news release, Gupta and his graduate students, along with mechanical engineering professor Hugh Bruck, first successfully demonstrated a flapping-wing bird in 2007. This bird used one motor to flap both wings together in simple motions.

By 2010, the design had evolved over four successive models. The final bird was able to carry a tiny video camera, could be launched a ground robot that Army researchers created called the Lynchbot, and could fly in winds up to 10 mph -- important breakthroughs for robotic micro-air vehicles that one day could be used for reconnaissance and surveillance.

Inside ARL laboratories, Gerdes tested motors to determine the power curves using a micro dynamometer. He also worked to model the aerodynamic forces generated during flapping. The wings are based on a design he created for his master's thesis project, but have been scaled up to match the more powerful

motors the team is currently using.

Gerdes designed the prototype with Steven Biggs, a technician within ARL's Autonomus Systems Division, and a group of about six researchers at the University of Maryland.

The robot uses a fly-by-wire approach, so a handheld radio is used to control the flight.

Research funded by the Aviation and Missile Research, Development and Engineering Center investigates small and micro scale unmanned aerial systems that could allow Robo-Raven to fly autonomously.

Researchers are hopeful that someday, Robo-Raven could potentially become a fielded platform farther into the future.

"We were inspired by the capabilities of the bird much more than the anatomy of the bird," Gerdes said. "Our approach was more bio-inspired than bio-mimetic. In some ways this simplifies the design because we can focus on functional aspects without necessarily adopting the same set of constraints that apply to animals."

Gerdes said many of the design features that animals have evolved are a fantastic starting point, which can be

seen in their design.

"For example, we use hollow stiffeners to provide a stiff and light-weight structure, and our wing spars have been arranged in a fan pattern to create the desired airfoil shape during the flapping motions," Gerdes said. "At any time, we can transition between these behaviors with total control over the wings."

The way they do this is to separately drive each wing with its own actuator, removing any coupling between the two wings, which has been the traditional approach to ornithopter (robotic bird) design.

"A major challenge in realizing this approach was overcoming the strict weight limitations," Gerdes said.

At this point, the bird isn't flying with sensors due to a very restricted payload, but advanced research is expected to improve their understanding of how a Soldier could use it, the microcontroller and the flight dynamics and ultimately enhance the robot's flight envelope.

Funding for the robotic birds project has been provided by the National Science Foundation, the Air Force Office of Scientific Research, the Army Research Laboratory, and the Army Research Office.

The Army Public Health Command Wants to Hear from You!

The U.S. Army Public Health Command will be conducting focus groups at Aberdeen Proving Ground to collect opinions from Army Families and Retirees on physical activity, nutrition and sleep --three core areas that affect health and brain power. Feedback will be used to develop educational materials and resources for beneficiaries to improve health.

Interviewers will be at APG to hold discussions and conduct surveys with the following target audiences: 1) Active duty Army Soldiers/ National Guard/ Reserves within 12 months of retiring; 2) Retired Army/ National Guard/Reserves; and 3) Spouses of active duty or retired service members.

The focus groups will be held on Tuesday, June 18 through Thursday, June 20.

If you are a member of any of these target audience groups and would like to participate, or for more information, call: 1-888-222-9698.

Environmental Assessment for the Edgewood Area Wastewater Treatment Plant

The Army has prepared an Environmental Assessment (EA) for the potential environmental and socioeconomic effects associated with upgrading the Wastewater Treatment Plant (WWTP) in the Edgewood Area (APG South) of Aberdeen Proving Ground to meet enhanced nutrient removal (ENR) requirements dictated in the Chesapeake Bay Restoration Program.

The WWTP's existing National Pollutant Discharge Elimination System and a Federal Facility Compliance Agreement between the Army and the US Environmental Protection Agency require that the WWTP meet specific ENR standards. This EA documents the impacts associated with altering or replacing existing facilities and the construction of several new facilities as upgrades to the Edgewood Area WWTP.

Based on the analysis in the EA, proposed upgrades to the WWTP would cause minor short-term or long-term effects on air quality, noise, visual aesthetics, geology and soils, water resources, biological resources, socioeconomic, transportation, utilities, solid waste, and hazardous materials due to construction. Measures to mitigate impacts have been defined and would be implemented if necessary. Operation of the upgraded WWTP would have beneficial impacts on the solid waste systems due to the new treatment facilities. Upgrades to the WWTP would have no impact on land use or cultural resources.

Comments on the Environmental Assessment (EA) and Finding of No Significant Impact (FNSI) for this proposed action can be addressed to USAGAPG, ATTN: IMAP-PWE (Carol Young), 4304 Susquehanna Avenue, 3rd Floor, Wing B,

PD COMSEC keeps the lines open

CHAD PADGETT

PEO C3T Public Communications Staff Writer

When Joint Program Manager-Guardian (JPM-G) risked not meeting Army Cryptographic Modernization (CM) requirements with their Unified Command Suite (UCS), impacting their ability for rapid response, they turned to Project Director Communications Security (PD COMSEC) at Aberdeen Proving Ground, Md., for support.

The UCS, a large truck outfitted with equipment to provide communications support for federal, state, local and military emergency response elements, utilizes radios, secure and insecure Internet networks, video conferencing tools and many other communications capabilities.

"JPM-G contacted us in February 2013 to let us know about the problem they were facing," said William Wiesner, the deputy product director for Cryptographic Systems for PD COMSEC. "Trying to keep up with technology is a pretty common problem in today's world"

PD COMSEC was faced with integrating a variety of systems across multiple networks.

"The UCS provides a broad range of secure and non-secure communications across a wide spectrum of emergency responder frequencies for Weapons of Mass Destruction Civil Support Teams (WMD-CST) incident response," said Daniel Sayre, the UCS lead engineer for JPM-G Guardian. "It acts as a common support communications node at an incident site to maintain inter-team and intra-team communications."

The PD COMSEC and its research and development partners in the Communications and Electronics Research and Development Engineering Center (CERDEC) reviewed the legacy COMSEC equipment and developed an upgrade plan for the UCS's integrated cryptographic systems.

"We really wanted to reduce the number of connections and cables the trucks were using," Wiesner said. "Every connection you have in these systems, where you have to plug a cable in, is a possible fail point, so we wanted to reduce those to as few as possible."

Just two and a half months after JPM-G contacted PD COMSEC, a functional test was conducted by CERDEC on the integration scheme which resulted in all the modern cryptographic equipment being able to connect and gain access to the network.

"Now that we've had a positive test out, JPM-G will finalize some of the more intricate aspects of the system integration," Wiesner said. "Once all the details of the integration are finalized, a fielding package will be assembled. This way, JPM-G will be able to centrally order everything they need to fully modernize the trucks."

With the recommended changes the PD COMSEC team has made, the UCS will be completely cryptographically modernized.

"The modern COMSEC equipment selected to upgrade these trucks will meet all the Army requirements and keep these vital trucks on mission," said Wiesner. "They shouldn't need to upgrade their COMSEC equipment for the foreseeable future."

Visit APG News online at www.apgnews.apg.army.mil

More space for Army's superfast computers signals growth in Soldier protection solutions

Army Research Laboratory
Public Affairs Office

Supercomputers that Army Research Laboratory engineers use to design and develop military technologies have recently moved into a new center. The ARL Supercomputing Research Center, which is currently large enough to house five supercomputers each ranging from 4,000 to 20,000 processors each—will quadruple its computing capacity over the next four years.

Senator Ben Cardin, vowed continued congressional support during the center's open house and ribbon cutting ceremony June 10 at APG. His visit comes on the heels national cyber security dialogue with China during a recent congressional visit there. He said the "cyber security work done here is critically important to our national security."

ARL researchers use the center's supercomputing systems, also known as high performance computers to design and develop military technologies, such as future armor systems and other unprecedented capabilities for the Soldier.

The center will provide key enabling computational technologies in support of ARL's cyber security collaboration research alliance with academia, industry and other government research organizations to develop a fundamental understanding of cyber phenomena, including aspects of human attackers, cyber defenders, and end users, so that fundamental laws, theories, and theoretically grounded and empirically validated models can be applied to a broad range of Army domains, applications, and environments.

ARL Director Dr. Thomas Russell said to the role laboratory researchers played in the modern computer age was couched in a brief retrospect of the basic research laboratory's historical contributions in hardware, software, advanced networking and computational science research.

He said "if we look back to 1992 and the state of computing then compared to today, we can only imagine what computational capability the future will bring that will take discovery and innovation to heights yet unseen."

The center's new facility has more than 20,000 square foot of supercomputing room space which will house up to six large supercomputing systems by FY16. Until recently, older buildings that housed these supercomputers, including a former horse stable, were "ill-equipped to hold computational resources" for the kinds of "transformational technology" discovered and created at APG, said Col. Gregory R.



Photo by Rachel Ponder
(From left) Maryland Senator Ben Cardin gives remarks as Brig. Gen. Daniel P. Hughes, deputy commander of RDECOM; Dr. Patricia Falcone, OSTP's associate director for National Security and International Affairs; Dr. Thomas Russell, director of ARL; Robert S. Carter, director to the ATEC commander; and Col. Gregory McClinton, APG Garrison commander, look on during the ARL Supercomputing Research Center Open House June 10.

McClinton, garrison commander.

The center holds two machines in the top 100 fastest computers in the world. The IBM iDataPlex 'Pershing' and 'Hercules' systems are the 62nd and 81st fastest computers in the world, respectively. In total, the center will have a cumulative computational capability of more than 1.2 PetaFlops of processing power. That's 1,200,000,000,000,000 floating point operations per second. By 2016, the center's capacity will grow to 4.8 PetaFlops.

"That kind of processing power enables the kinds of simulations and calculations that were difficult – and sometimes impossible – to realize before HPC," said David Kleponis, who leads the Passive Hybrid Armor Team within ARL's Multi-Threat Armor Branch.

He said "armor design is a product of the knowledge we gain from a scientific and engineering process," which includes high performance computing. "This knowledge is greatly enhanced by HPC and is gained by observing processes that occur in microseconds, namely how armor actively disrupts and disperses a penetrator, like an improvised explosive device, for example. The insight we gain through computation is a multi-dimensional view inside very complex and violent physical

events so we can learn from those observations and design very efficient armor solutions which ultimately save lives."

With HPCs, he said research engineers can "see inside a target, and inside threats" in unconventional, often brand new ways. "It's kind of like seeing inside a locked room without windows; it's like standing outside the door trying to see what's occurring inside that space. HPC unlocks our ability to see inside that space, inside the physics."

Such was the case with the Interim Frag Kit 6 and the MRAP expedient and spiral armor programs, each designed to defeat IEDs.

Had they used desktop computers, it would have taken research engineers 17 centuries to compute what HPCs did in a month.

"In that time, ARL scientists and engineers used HPC to generate knowledge which led to the design of the armor system that was subsequently validated in a significantly reduced experimental effort because of the physics based simulations," Kleponis said.

Spinoffs from that project resulted in armors for route clearance vehicles including Husky, Buffalo and RG31 and also launched the MRAP Expedient Armor

Program (IED armor) and the MRAP Spiral Armor Program (IED armor) for the RG-33, IMG MaxxPro Plus and Caiman; and the quick reaction armor support (including development and analysis) to theater. He said all of these were supported by an equally intense computational effort.

"For all of the platforms ARL supports, we currently rely on modeling and simulation to provide this type of insight into the mechanisms that become armor on U.S. platforms. Each HPC simulation may easily be worth tens of costly traditional experiments which didn't have to be conducted because we had high performance computing capabilities. This invaluable tool results in highly efficient protection technologies, protecting and enabling the warfighter."

ARL is part of the U.S. Research, Development and Engineering Command, headquartered at Aberdeen Proving Ground. RDECOM's mission is to develop technology and engineering solutions for America's Soldiers.

ARL is the largest user of the Supercomputing Research Center resources. All RDECOM organizations, including those based at APG, have access to the center.

Hiring Our Heroes visits IMCOM headquarters

U.S. Army Installation
Management Command

Representatives of Hiring Our Heroes, a nationwide initiative to help transitioning service members, veterans and military spouses find employment, visited the U.S. Army Installation Management Command headquarters to discuss how the organization could improve access to its online resources.

Hiring Our Heroes, a program of the nonprofit U.S. Chamber of Commerce Foundation, provides both hiring fairs and job search tools for past and present service members and their spouses.

The Hiring our Heroes group met with members of IMCOM's Army Career and Alumni Program team primarily to gather information for writing a step-by-step guide to using its online services.

The guide is designed to help navigate the "Hiring Our Heroes" website, which may prove to be a useful source of post-military service employment informa-

tion and options.

The U.S. Chamber of Commerce Foundation is an affiliate of The U.S. Chamber of Commerce.

The Army Career and Alumni Program is a centrally funded and administered program that provides transition and job assistance services on major installations. The installation ACAP Transition Service Manager can provide information and assistance with many different resources, such as Hiring Our Heroes. ACAP counselors have professional experience from varying backgrounds, knowledge of best practices in resumes and job searches and an understanding of military careers as well as civilian careers.

For more information, call the IMCOM Plans Division (G3) Integration-Synchronization Team at 210-466-0119. Hiring Our Heroes can be found at <http://www.hiringourheroes.org>.



Photo credit U.S. Army IMCOM
Ross Cohen, of the U.S. Chamber of Commerce Foundation, speaks to a working group discussing the USCOCF Hiring Our Heroes at U.S. Army Installation Management Command headquarters in May. U.S. Army photo by Mitchell Lee.

DoD Reaffirms Commitment to Fighting Sexual Assault

TERRI MOON CRONK,
American Forces Press Service

At an open house marking the Defense Department's launch of a new peer-support service for sexual assault victims, senior Pentagon officials recently affirmed the department's commitment to eradicating sexual assault in the military.

The Defense Department has joined with a private organization to launch the DoD Safe HelpRoom -- a private online chat room for service members and military families to seek help following an assault. The new service gives victims and survivors access to chats with their peers, through an agreement with the nonprofit Rape, Incest and Abuse National Network.

"Sexual assault is a crime DoD will not tolerate," said Jessica L. Wright, acting undersecretary of defense for personnel and readiness and a 35-year military

veteran. "Our service members sign up to protect the United States, and they have to feel safe within our ranks. "I know what it's like to be asked to do risky things, and we don't want to put our service members at risk as they're doing [their jobs]."

From the newest private to the secretary of defense and the chairman of the Joint Chiefs of Staff "and everybody in between," Wright said, we've locked arms against this crime, and we will work diligently to eradicate it from our ranks."

Eliminating sexual assault from the military will require a culture change, said Army Maj. Gen. Gary S. Patton, director of the Defense Department's sexual assault prevention and response office, known as SAPRO. A society that doesn't tolerate sexual assault is one where people are treated with dignity and respect, and where victims know they'll be treated with priva-

cy and sensitivity, the general said. "And offenders will know they will be found and held accountable as appropriate," he added.

Patton said "assessing ourselves" is a priority in combatting sexual assault, to ensure that programs and policies work. "SAPRO and RAINN are working together in prevention, investigation, accountability, victim support and assessment," he said.

"We see ourselves as a national leader in sexual assault, its prevention and response," Patton said. "Part of being a national leader is innovation, and the innovation you see today with the mobile app, the safe help room -- the first of its kind with a peer-to-peer, secure venue where victims of sexual assault -- can chat in a closely moderated and very professional chat room."

At today's event, RAINN's Kimber-

ly "Toni" Korol-Evans received the 2013 award for Safe Helpline Operator of the Year for her work with DoD victims and survivors.

Wright told the audience of victim advocates, judge advocates general and sexual assault response coordinators that the work they do for sexual assault victims and survivors is noble.

"What you really do is save lives, through your compassion and concern. The Safe Helpline and the chat room are safe, secure and private, and that's what these victims of this horrendous crime need as they go through this support system," she added.

The advocates help to turn survivors around so they can lead a prosperous life after they've gone through such a tragic, emotional and physical violent act, Wright said.

MARK YOUR CALENDAR

MONDAY

JUNE 17 WID GOLF TOURNAMENT

The Mid-Atlantic Chapter of Women In Defense will host the annual Aberdeen Proving Ground Golf Tournament at the Maryland Golf and Country Club with registration starting 8 a.m. and a 9 a.m. Shotgun start. The tournament, which benefits STEM Education Scholarships, includes breakfast, a 4-person best ball, a cocktail hour, dinner and desert. Awards will be presented at 3 p.m.

For more information, visit www.widmidatlantic.org.

TUESDAY

JUNE 18 NUTRITION

The CECOM Wellness Program will host a Nutrition Informational Session noon to 1 p.m. at the Myer Auditorium, Bldg. 6000. Dr. Jen Kordon-ski, Optimal Spine Chiropractic, will discuss the basics of nutrition, give creative alternatives to eating fast food on the run, and provide ways to enjoy the warm weather favorites while keeping nutrition in check.

WEDNESDAY

JUNE 19 THE INVISIBLE WAR

Military and civilian employees at APG are welcome to attend the screening of the documentary film "The Invisible War" at the post theater from 1 to 4 p.m. The film addresses sexual harassment and assault within the U.S. military. Attending this screening meets the mandatory training requirement for military per FRAGO 2 to HQDA EXORD 221-12. For more information, contact 1st Lt. Raisa Velez at raisa.v.velez.mil@mail.mil

JOB VS CAREER CLASS FOR TEENS

Free class for youth ages 13 through 18. Topics include: what employers are looking for, how to apply for a job, tips on resume writing, interviewing experience. Class is held from noon until 2 p.m. at the Army Community Service building (behind the Aberdeen Youth Center); Bldg. 2503. Space is limited. To enroll, contact ACS at 410-278-9669/7572.

WEDNESDAY AND THURSDAY

JUNE 19-20 MILITARY TRANSITION ASSISTANCE PROGRAM

The Department of Defense, with the assistance from U.S. Small Business Administration (SBA), is now offering the "Entrepreneurship" Goals, Plans, Success Track to all service members and their spouses transitioning from active duty. This two-day workshop is scheduled for June 19 - 20 and August 21 - 22 and will be offered on a quarterly basis thereafter. The SBA will provide the business fundamentals that set the foundation for Entrepreneurship. To register for either workshop contact the installation transition staff at 410-306-2322/2323/2345.

THURSDAY

JUNE 20 AVOIDING BANKRUPTCY

The CECOM Wellness Program will host a Bankruptcy Informational Session noon to 1 p.m. at the Myer Auditorium, Bldg. 6000. Michael Ches, Financial Education Supervisor, APG Federal Credit Union, will discuss various ways to avoid bankruptcy through budgeting, and provide financial strategies and tips.

MONDAY

JUNE 24 APPLYING FOR FEDERAL EMPLOYMENT WORKSHOP

Army Community Service, in partnership with the Susquehanna Workforce Network is presenting a free workshop entitled Applying for Federal Employment from 10 a.m. to 2 p.m. at the ACS building, 2503 Highpoint Road, APG North (Aberdeen). The workshop will offer Ways to Expand your Knowledge and Skills In:

- The Federal job search and application process
 - Matching your core competencies to a job description
 - Analyzing key words to apply to your resume
 - Approach KSA and assessment questionnaires with confidence
 - Tracking and following up on your application
 - Interviewing for the job
- To enroll or for questions, call Army Community Service, 410-278-9669/7572

June 24-28 VBS

Children in pre-school (age 5) through 6th grade are invited to Vacation Bible School at the post chapel at APG North June 24-28 from 6 to 8:30 p.m. This year's theme is "Sky: Everything is Possible with God." Enjoy memorable Bible studies, snacks and games. Registration forms are in the chapel lobby. For information, contact the Director of Religious Education Gerri Merkel at 410-278-2516 or caroline.j.merkel.civ@mail.mil.

TUESDAY

JUNE 25 ARE YOU READY FOR WARM WEATHER?

The CECOM Wellness Program will host a Warm Weather Informational Session, noon to 1 p.m. at the Myer Auditorium, Bldg. 6000. Representatives from the APG Army Substance Abuse Program and ATI Therapy and will discuss various summer heat-related topics such as the importance of hydration, injury prevention for cycling and running, and substances in warm weather.

JULY 8-12 SUMMER SOCCER CAMP

Challenger Sports is partnering with British Soccer Camps. Challenger coaches study the game at all levels and have identified the key techniques and skills players need to master to reach their true potential.

The camp will be held at the APG soccer fields. For more information or to sign up, contact Gary Hodgson at

APG News Survey

The Garrison Public Affairs Office would like your help in improving the installation's command information newspaper, the APG News. Visit <https://www.research.net/s/2013APG-News> through July 25 to fill out a short survey, which will help us ensure we are providing you with the information you need and want.

ABOUT THE APG NEWS: The APG News is a 12-page broadsheet printed 51 times a year with a weekly circulation of 8,900. It is distributed at Aberdeen Proving Ground North (Aberdeen) and South (Edgewood). Homestead Publishing Company out of Baltimore, Md., holds the civilian enterprise contract to print and distribute the APG News. Our readership includes approximately 13,000 Department of Defense civilians, 6,000 contractors, 2,800 troops and more than 17,000 retirees throughout the region. The APG News supports the installation command through coverage that is thorough, informative and entertaining. While the installation's civilian and contractor population outnumbers troop strength nearly 7 to 1, the APG News recognizes that the civilian-contractor population is here solely to support our Warfighters and we strive to cover stories that matter to both populations. For more information on the APG News, visit <http://www.apgnews.apg.army.mil/> or call Editor Pat Beauchamp at 410-278-7274.

ghodgson@challengersports.com or call 443-552-0509.

WEDNESDAY

JULY 17 MY MONEY, MY CHOICE CLASS FOR TEENS

Free class for youth ages 13 through 18. In this fun and interactive session, you will learn how to have a winning high school and college life by making wise choices with your money, understanding how credit works and how to achieve your goals with a budget. Class is held from noon to 2 p.m. in the Army Community Service building (behind the Aberdeen Youth Center); Bldg. 2503. Space is limited. To enroll, contact ACS at 410-278-9669/7572.

THURSDAY

JULY 25 OLYMPIC SPORTS DAY CANCELLED

Team APG Olympic sports Day, which was scheduled to take place on July 25 at APG North (Aberdeen) has been cancelled.

ONGOING THRIFT SHOP 5-CENT SALE IN JUNE

The Post Thrift Shop will host a \$0.50 sale in the clearance room next month starting June 5 and lasting until everything is sold. The Thrift Shop is located in Bldg. 2458. Hours are Wednesday, 11 a.m. to 6 p.m. and Thursday, 10 a.m. to 2 p.m. For more information, call 410-272-8572.

2ND INFANTRY DIVISION SEARCHING FOR MEMBERS

The Second (Indianhead) Division Association is searching for anyone who ever served in the Army's 2nd Infantry Division at any time. For information about the national association and the annual reunion in Columbus, Ga. Sept. 17 - 21, contact secretary-treasurer, Bob Haynes, at 2idahq@comcast.net or 224-225-1202.

NATIONAL FEDERATION OF FEDERAL EMPLOYEES (NFFE), LOCAL 178 HAS RELOCATED

For many years, Bldg. E-4415 served as the union office for members represented by NFFE, Local 178. The office recently relocated to Bldg. E-4445. For directions and hours of operation, please call 410-436-3942.

PICNIC RESERVATIONS

Reserve your picnic dates now! The three APG Picnic Areas (Shore Park, Woodpecker Point in Aberdeen, and Skippers Point in Edgewood) may be reserved for outings by all ID cardholders. Prime dates are going fast, so make your reservations now. For more information call 278-5789/4124.

10 MINUTES WITH CENTRAL MICHIGAN UNIVERSITY

If you want to increase your earning power, enhance your job performance and take advantage of an exceptional educational opportunity at Aberdeen Proving Ground, Central Michigan University is here for you. Meet with CMU representatives on Monday, Tuesday, Thursday and Friday from 9 a.m. to 4 p.m. in the Janet Barr Building, Bldg. 4305, Room 209.

Take advantage of our \$50 application fee waiver through June 6, 2013. Classes start Fall 2013. Contact Barbara Jenkins at 410-272-1532 or by e-mail at aberdeen.center@cmich.edu for more information

BUILD COMMUNICATION & LEADERSHIP SKILLS WITH

TOASTMASTERS

The Gunpowder Toastmasters Club is now accepting new members! Visit a meeting and discover how this supportive, all-inclusive group can help you:

Meetings are held the first, third and fifth Monday of each month from 11:40 a.m. - 12:40 p.m., normally in Bldg. E4516 (Chemical Defense Demilitarization Training Facility), APG South (Edgewood). Visit the website below to confirm location and for directions to the building.

Membership is open to all individuals age 18 and older. Affiliation with Aberdeen Proving Ground not required.

For additional information, visit <http://2562.toastmastersclubs.org/> or www.facebook.com/pages/Gunpowder-Toastmasters/356397067713760

WOMEN'S HOME BUILD MOVED TO AUG. 3

The Federal Women's Program committee, along with the Maryland Tri-County Chapter of Federally Employed Women, and the Women in Defense, Mid-Atlantic Chapter continue to seek team members for: A Women's Only Home Build. The project, which is led by Harford Habitat for Humanity, has been moved to Saturday, Aug. 3 from 7:30 a.m. to 3:30 p.m.

The May 11 date has been filled by another group.

All volunteers must attend a mandatory safety class which is online and a part of the registration process. Access online registration at www.habitatsusq.org/volunteer/construction-volunteers. Registration consists of three parts:

- 1) Create a User Account
- 2) Sign a Waiver of Liability
- 3) Safety Training

Register by June 17. For more information, contact one of the following for more information:

Linda Patrick, 410-436-1023; Tracy Marshall, 443-861-4366; Sheryl Coleman, 410-278-5964; Teresa Rudd, 410-436-5501; SGT Shavonne Frank, 410-4417-2374; CPT Maritzabel Mustafaa, 410-278-3000, or Diane Siler, 443-243-7344.

THURSDAYS SOCIAL HOUR

Socialize, network or just unwind with fellow Soldiers, coworkers, friends and family while enjoying good food, music and camaraderie during Thursday Socials, 4 to 7 p.m., in the Top of the Bay Gunpowder Lounge.

Thursday Socials include complimentary light refreshments and a cash bar with additional fare for sale.

For more information, contact Teri Hall at 410-278-3062.

SUNDAY BRUNCH

Don't miss it at Sutherland Grille on Sundays, from 11 a.m. to 2 p.m. Cost of \$ 9.95 includes all your favorite breakfast items. Menu includes a "create your own" omelet and waffle station. Lunch items and salad bar also included.

Call 410-278-4794 for reservation; email Richard bond for information: richard.j.bond10.naf@mail.mil.

OBEY SPEED LIMITS

APG motorists are urged to obey the speed limit. Drivers should be especially cautious during physical fitness training hours as Soldiers exercise outdoors and conduct PT tests.



Richard DeOliveira

Chief, EOC/Installation Anti-terrorism Officer

Richard DeOliveira is the chief of the Garrison's Emergency Operations Center and also serves as the Installation Anti-terrorism Officer. The EOC, which becomes the installation brain center during emergencies, is part of the Plans and Operations division of the Directorate of Plans, Training, Mobilization and Security (DPTMS).

An Army veteran with a background in Infantry and Military Intelligence, DeOliveira's combined service to the government spans more than 23 years. He is responsible for installation protection against all hazardous forms and processes including natural to man-made disasters. From the installation perspective - and in accordance with each incident - DeOliveira works with local and federal police and intelligence agencies to capture the risk to the installation and present counter measures or protective actions. He also advises courses of action so installation leaders can determine preparations and procedures.

DeOliveira said he likes that his job gives him the opportunity to help people.

"No incident is the same and every opportunity to help people is really rewarding," he said.

He added that every organization has a security officer and that those wishing to learn more about emergency preparedness should check with their security officer or access the website www.readyarmy.gov.



MORE ONLINE
More events can be seen at www.apgnews.apg.army.mil/calendar.

ASAP building upgrade enhances services

Continued from Page 1

with alcohol and drug abuse screening and counseling, ASAP services include the Employee Assistance Program, which provides assessments and referrals to mental health professionals on and off post for Soldiers, civilians, retirees and their Family members.

"It's not all about substance abuse but other stressors that affect our lives," Dettwiler said. "Bring your problems to ASAP for guidance."

Ervin said the calming effect of the new facility means that, "Soldiers and civilians can feel at peace when they tell you about their situations."

"This facility will facilitate the importance of taking care of our people," he said.

"First and foremost we are providing assistance to the full Team APG," added Wait. "Despite all the buildings and equipment, they are our most important asset and the most important thing we can do is take care of our people."

ASAP regularly sponsors and co-sponsors community outreach events such as the Alcohol Awareness surveys, the Save-a-Life Tour (SALT) which discourages driving while intoxicated, as well as Prescription Take Back events, which collect outdated or unneeded prescription medication for disposal.

AER exceeds goal by more than \$5000

Continued from Page 1

"I believe, (that percentage) reflects on the fact that AER runs a trustworthy campaign, and they know and have experienced the value of AER," she said. "They've been there and are proud to wear the T-shirt, so to speak."

AER assistance is based upon a valid need and is flexible in responding to all types of financial situations. For example, AER can assist with travel costs for emergency leave, rent or mortgage payments, utilities, food, car payments or repairs, and other basic living expenses, depending on the need and situation.

AER funds made available to commanders are not limited and are constrained only by the requirement of valid need.

Soldiers and Families not near an Army installation can get AER assistance at an Air Force, Navy, Marine Corps or Coast Guard base from the Air Force Aid Society, Navy Marine Corps Relief Society, and Coast Guard Mutual Assistance respectively or from the American Red Cross call center at 877-272-7337.

For more information call APG's Army Community Service at 410-278-2500.

KUSAHC prevention and care tips for tick bites

Continued from Page 1

employees dedicated to grass cutting, according to John Fink, acting chief of Operations and Maintenance Division at APG's Directorate of Public Works.

"Based on IMCOM guidance we could not replace lost manpower with a contract effort," said Fink.

Despite the fiscally constrained environment, Fink said that the APG Department of Public Works is taking every possible precaution to ensure the grass in common areas frequently used by residents as well as employees is maintained within approved standards.

"We developed a common-level service grass cutting plan," said Fink. "The plan is based on a risk assessment that was a joint effort between DPW, U.S. Army Public Health Command, APG Garrison Safety Office and Kirk U.S. Army Health Clinic."

Fink said the team evaluated the primary risks to the APG population and worked with the experts to mitigate those risks to the maximum extent possible.

"We are maintaining Child Development Centers at the same level as previous years," said Fink.

He said other priority areas include sidewalks, walkways, parking lots and building perimeters. Fink also said primary roads and intersections will be mowed regularly to maintain sight clearances.

APG personnel should be on the lookout for ticks during the spring and summer months, which are the peak periods of tick activity.

At APG, the most common tick is

the lone star tick. It can transmit ehrlichiosis—an illness that causes flu-like symptoms, and can even be fatal.

Other ticks in the United States can carry Lyme disease, Rocky Mountain spotted fever, and viral diseases, although Stromdahl said most ticks are not disease carriers.

Infected ticks have to attach to a person and remain on that individual for a long period of time (one to three days) in order to transmit most diseases, including Lyme, Stromdahl said.

One of the first things APG personnel can do to prevent a tick bite is to recognize tick habitats, and avoid them.

"Ticks stay in, or on the edge of, shady, brushy areas," said Stromdahl. "You can find them in tall grass—especially in wooded areas. They need layered shade and moist air."

Stromdahl also recommends the use of insect repellent to prevent tick bites.

"For maximum protection, use DEET repellent on your skin, and permethrin repellent on your clothing," said Stromdahl. "Permethrin-treated clothing is the best defense against tick bites. When ticks touch the treated fabric, they try to get away as quickly as possible. If they stay on the treated fabric, they die."

Permethrin clothing spray can be found in hunting sections of stores, and permethrin-treated clothing is available from major outdoor clothing suppliers.

Another step to preventing tick bites involves checking belongings.

"If you have been in a tick habitat, leave your shoes outside and don't leave

your clothes near your bed," said Stromdahl. "You'll be giving ticks the whole night to find you. Ticks may survive on clothes in the washing machine, but a hot cycle in the dryer will kill ticks."

Stromdahl also recommends bathing or showering as soon as possible after going indoors to wash off and more easily find ticks that are crawling on the body.

Army medical experts say that prompt removal of a tick is one way to reduce risk of disease transmission.

"When patients locate an engorged tick on them, they should not panic and take their time to remove the tick properly," said Staff Sgt. Arvey Jones, the non-commissioned officer in charge of the preventive medicine section of the KUSAHC.

"If you remove attached ticks promptly, you can prevent tick-borne disease."

In order to remove a tick, Stromdahl recommends certain guidelines.

"Remove the tick with tweezers," said Stromdahl. "Do not burn it or use soap, gasoline, Vaseline or other chemicals. Once the tick is removed, thoroughly cleanse the bite with alcohol and apply antibiotic ointment to the bite."

Most tick bites cause irritation and itching immediately, but Stromdahl said this does not indicate disease transmission.

Stromdahl said that APG personnel should save the tick for identification and testing. At APG, military personnel and Department of Defense civilians should place the tick in a jar or ziplock bag, and take it to one of the following locations:

- APG North
- Kirk U.S. Army Health Clinic , Occupational Health Clinic, 3rd Floor
- APG South
- Edgewood Clinic
- Building E-5800

The U.S. Army Public Health Command will identify the ticks and then perform disease testing of the tick through the DOD Human Tick Test Kit Program. The results will be available in about a week, and individuals will be notified if the tick is positive for disease.

To report areas of high-tick activity call the DPW service order desk, 410-306-1400.

For more information on ticks and preventing tick bites, visit:

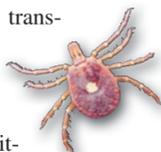
U.S. Army Public Health Command's DOD Human Tick Test Kit Program, <http://phc.amedd.army.mil/topics/enviro-health/epm/Pages/HumanTickTestKitProgram.aspx>

APG Installation Safety office, 410-306-1095

KUSAHC Preventive Medicine, 410-278-3430

Environmental Protection Agency, <http://cfpub.epa.gov/oppref/insect/> University of Rhode Island, <http://www.tickcounter.org/>,

U.S. Centers for Disease Control and Prevention, <http://www.cdc.gov/ticks/> Physician's Reference Manual from the U.S. Centers for Disease Control and Prevention, <http://www.cdc.gov/lyme/resources/TickborneDiseases.pdf>



Murder mystery makes madcap mayhem

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

The latest whodunit to grace the APG North (Aberdeen) recreation center floor drew plenty of laughs and a whole lot of finger pointing, June 1, as audience members tried to solve the murder mystery.

APG was the latest stop for the Army Entertainment tour of "Murder Two Point Uh-Oh," a Comedy Mystery Dinner Theater written and directed by veteran entertainment consultants Darryl Allara and Ken Freehill.

Nearly 200 guests enjoyed a meal catered by Ruggles Golf Course as well as their roles as "cast" members in the wedding rehearsal setting that turned them into amateur sleuths as they tried to solve the murder that took place before their eyes.

Actual cast members, seated among the guests, alternately exclaimed their innocence while dropping hints along the way as to whodunit. The cast had only four days to learn their roles and adlib lines befitting their characters to pull the event off.

"This diversionary programming is a great stress-reliever for everyone," said Allara. "With only a four-day rehearsal time and no dialogue to learn, almost anyone could take time out from their busy schedule to participate."

Word of the duo's previous dinner theater success at APG brought out a crowd eager to participate and have a good time. Candy Garcia of CERDEC collected the grand prize for solving the mystery. With a retired military husband, Garcia said their military family always tries to support MWR events.

"This is our third year coming [to the shows]," she said. "I usually copy the suspects' answers and then pick the least obvious."

She took home a bag of t-shirts, coffee



Cast members watch in awe as Oodles the Clown stagers after being poisoned during the Comedy Mystery Dinner production of "Murder Two Point Uh-Oh" at the APG North (Aberdeen) recreation center June 1.

fee mugs and other gifts for her efforts. Joyce Jamison of CECOM-LRC said it was her first show and that she's looking forward to the next one.

"It was very good; very entertaining and funny," she said.

Col. Henry Allen of the 20th Support Command and his wife Arline said they

came out to support friends in the show. "They did a great job," Allen said. "We were really into it!"

"I thought it was excellent the way they kept you guessing," Arline Allen added.

Earlene Allen, MWR special events coordinator, expressed her thanks to the

cast members. "They made it happen," she said. "Things like this can't come together without people willing to donate their time and talents. My hat's off to all of them and of course my thanks go out to Darryl and Ken for bringing another winner to APG."

APG SNAPSHOT

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

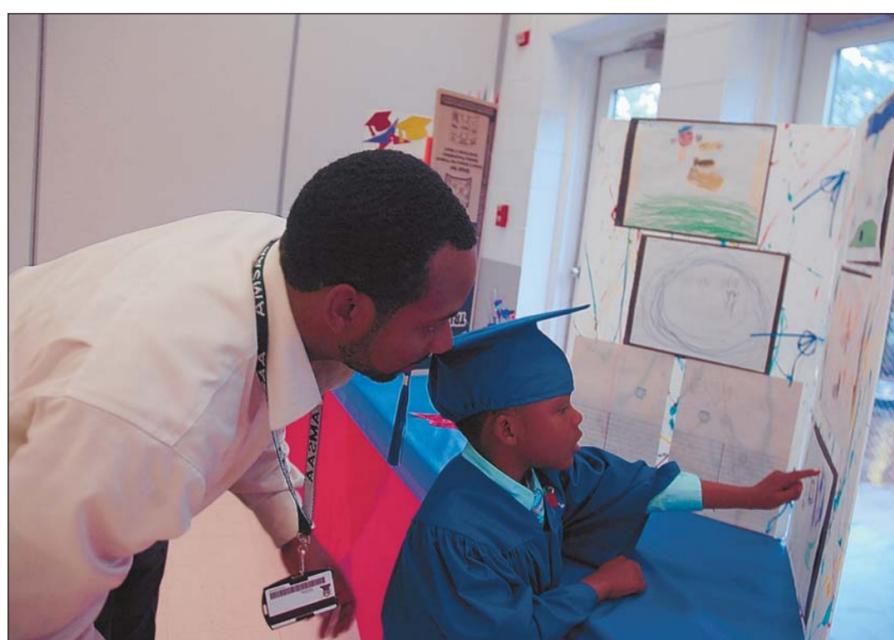


D.A.R.E. TEACHES VALUABLE LESSONS

(Top photo, from left) APG Director of Emergency Services Chris Ferris and D.A.R.E. Officer Kim Long congratulates Emma Chaney, 9, during the D.A.R.E. graduation ceremony at the APG North (Aberdeen) youth center June 11. Fourteen children who attend the APG North youth center graduated from the Drug Abuse Resistance Education, or D.A.R.E. program. "D.A.R.E. empowers children with the knowledge to make good decisions," said D.A.R.E. Officer Kim Long. While taking D.A.R.E. classes, children learn about saying "no" to drugs, violence, alcohol, bullying and more.

(Bottom photo, from left) ASAP Prevention Coordinator Cindy Scott helps Aaliyah Rodriguez, 9, ride a bike while wearing drunk driving goggles during a party for D.A.R.E. graduates.

Photos by Rachel Ponder



Photos by Rachel Ponder



GRADUATION

(Top left photo, from left) Tony Harris, of AMSAA, and his son, Gavin, 5, look at a picture Gavin drew after the APG North (Aberdeen) CDC Pre-K graduation June 7. Twenty-eight children graduated during the ceremony. "Children are like sponges, they want to learn," said Patricia Palazzi, a CDC employee, during closing remarks. The Bayside CDC, also located on APG North, had a graduation ceremony for 15 Pre-K students on June 5. (Bottom left photo) Eighteen APG South (Edgewood) Pre-K graduates line up after the ceremony at the APG South youth center June 6. (Top right photo, from left) APG South (Edgewood) Strong Beginnings Assistant Teacher Mary Dewese watches Strong Beginnings Lead Teacher Charles Novak hand Charles Winfrey, 4, his graduation diploma.