



Father of U.S. radar remembered at C4ISR building dedication

By **NANCY JONES-BONBREST**
PEO C3T

Members of the C4ISR Center of Excellence at Aberdeen Proving Ground gathered May 21 for a building dedication to honor the father of U.S. radar, William R. Blair.

Maj. Gen. Robert Ferrell, Commander of the Communications-Electronics Command (CECOM), and Maj. Gen. N. Lee S. Price, Program Executive Officer of the Army's Command, Control and Communications-Tactical (PEO C3T) led the ceremony.

"This campus stands as a tribute to the achievements of generations past. Each building memorializes significant leaders whose accomplishments have built the foundation of our signal heritage," Ferrell told attendees, including several members of the Blair family. "Col. Blair's

See **FAMILY**, page 9

Memorial Day



Photo by Karen Jolley

Local community salutes America's fallen

Milton Feliberty, commander of Catholic War Veterans Post 1841 and an Aberdeen Proving Ground retiree, salutes during the opening of Aberdeen's Memorial Day ceremony May 28. More than 120 people at the Aberdeen ceremony were among the thousands nationwide who gathered to honor fallen U.S. service members. **READ THE FULL STORY ON PAGE 4.**

Community bids farewell to Guard aviation unit

MDNG news release

Friends, Family and service members gathered to say farewell to members of a local Army National Guard unit during a May 25 deployment ceremony at the Edgewood Armory at APG South (Edgewood).

Approximately 60 members of the Maryland National Guard's Company B, 3rd General Support Aviation Battalion, 126th Aviation Regiment will deploy to

Afghanistan and provide aerial movement of troops, supplies and equipment for support of maneuver, combat support and combat service support operations.

"I ask all our Soldiers here today ... to live up to the standards we set for ourselves," said Capt. Terrance Thorgramson, Company B, 3-126th Aviation Regiment commander. "I've deployed with this unit before ... and there's no

one else I'd rather be heading into combat with."

The unit previously deployed to Afghanistan September 2007 through May 2008, in support of the 82nd and 101st Airborne Divisions.

"It is time now to wish you all the best as you go about this mission," said Maj. Gen. James A. Adkins, adjutant general of Maryland.



Fisher House opens new site for Families of wounded

By **KRISTIN ELLIS**
Fort Belvoir Community Hospital

Military and civilian leaders cut the ribbon for Fort Belvoir's new Fisher House during a May 22 dedication ceremony at the installation's Community Hospital.

Aberdeen Proving Ground and Fort Monmouth were recognized for their support to military Families during the ceremony and on a plaque that hangs in the new facility.

Over the past nine years and through the annual Support Our Heroes Gala, the combined efforts of the two communities have raised more than \$1.2 million for the Fisher House Foundation.

During the ceremony, the Patriot Award was presented to Ed Carnes, president of the Mid-Atlantic Chapter of Army

See **APG** page 9

Ordnance troops help DOL reduce excess ammo

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

About 43 Soldiers from the 8th Ordnance Company, Fort Bragg, N.C., helped Garrison APG's Directorate of Logistics inventory and reduce excess ammunition at its Ammunition Supply Point in May.

Soldiers began work May 1 and concluded operations May 19. Their duties included preparing documents, prepping packaging materials, readying work areas, and binding and loading supplies for shipment.

The Soldiers worked under the direction of Keri Hoy, chief of the Ammunition Branch; and

Tim Bowers, munitions supervisor at the ASP, Bldg. 714.

Chief Warrant Officer 2 Anthony Hall, ammunition officer, and Warrant Officer 1 Benjamin Morse, storage officer, for the 8th Ordnance Company, led the operation. They called the mission a valuable learning experience for their Soldiers.

"We have a lot of new Soldiers and, for some, this is their first time seeing what an ASP looks like," Morse said.

Hall said that after more than 10 years of war, many of the jobs their Soldiers held prior to the war have been con-

See **BRAGG** page 9



8th Ordnance Company's Spc. Charles Holston Jr. and Spc. Joshua Carrasquillo secure ammo boxes to a pallet at the Ammunition Supply Point during the unit's mission to reduce APG's excess ammo.

WEATHER

Thurs.



80° | 61°

INDEX

Pg 2 **Opinion**
Pg 2 **StreetTalk**
Pg 7 **MarkYour Calendar**



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



Take A Chance!

Register now for the 2012 MWR all-military Wilderness Challenge, set Oct. 4-6 in West Virginia's Appalachian Mountains. Only 61 teams accepted.

page 6



Hurricane Season 2012

Don't get caught without a plan. Officials urge residents to prepare for the unexpected and coordinate with Family members.

page 8

ONLINE

www.apg.army.mil
apgnews.apg.army.mil
apg.armylive.dodlive.mil/
facebook.com/APGMd
twitter.com/USAGAPG
flickr.com/photos/usagapg/



APG SNAPSHOT

A peek at the events making news in and around U.S. Army Garrison Aberdeen Proving Ground. **PAGE 11**

STREET TALK

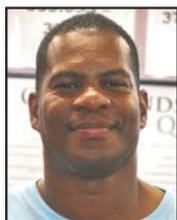
If you could vacation this summer, where would you choose?

“Definitely, the Virgin Islands. I’ve never been there and I love the beach. I heard there’s a National Guard unit down there too. Hopefully when I retire I can afford to live there.



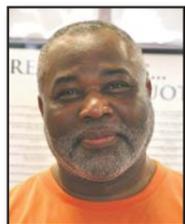
Sgt. Zach Owens
MDNG

“I’d go back to Gulfport, Miss., visit relatives and get some down home cooking.



Rodney Harris
Army retiree

“I’d visit Maine. I’ve been there several times. They have nice vacation spots on the water, mountains and hiking trails. I like the outdoors.



James Vick
Army retiree

“The Bahamas. I’ve never been there. I’ve always wanted to see its clear blue waters.



Lionel Palmer
Army retiree

OPINION

MAY IS ASIAN-PACIFIC ISLANDER HERITAGE MONTH

Diversity, inclusion key to Army excellence

Since the very earliest days of our country, Asian American and Pacific Islanders have played crucial roles in the development of our nation. Their sacrifice and determination helped make America what we are today.



President Barack Obama

“Our Asian American Pacific Island communities have roots that span the globe, but they embody a rich diversity, and a story of striving and success that are uniquely American.

Each year we recognize the efforts of those who trace their history and traditions back to countries including Japan, China, Korea, Vietnam and Thailand as well as Pacific Islands including Guam and Hawaii during Asian-Pacific Islander Heritage Month. There is an American story of intense hardship overshadowed by proud accomplishments -- a story of leadership, diversity and inclusion.

I am proud to say Asian Americans and Pacific Islanders have served at every rank in the Army up to and including Chief of Staff of the Army, and have earned every award including the Medal of Honor. Today, roughly 40,000 Asian American and Pacific Islanders wear the Army uniform.

Yet, it is hard to believe that only 70 years ago, Japanese-Americans were placed in internment camps during World War II. Brothers, sisters, mothers and fathers were arrested and jailed for nothing more than

their physical appearance. Some spent years in these camps as their loved ones served this country with honor and patriotism sometimes paying the ultimate price.

Even in the face of this sweeping discrimination, thousands flocked to enlistment offices to fight in World War II against Japan and Germany. In fact, the U.S. Army’s most decorated unit, the 442nd Regimental Combat Team, was an all volunteer regiment made up of first generation Japanese-Americans born in the United States. Of them, 21 earned the Medal of Honor, including U.S. Senator Daniel Inouye of Hawaii, the second longest serving U.S. Senator in history. This heroic Army unit strove for excellence, leading the way as evidence of the value diversity brings when serving the needs of our nation.

Last week we paused and celebrated the indelible ways Asian and Pacific Islanders have shaped our nation’s

history. What we must not forget is the underlining fiber of what makes America home to so many. Ours is a nation where everyone’s contributions provide value, ensuring the American dream is within reach for all who seek it.

Here at Aberdeen Proving Ground it is easy to see the best a diverse workforce has to offer. We are the providers of innovative solutions that provide the decisive edge to Soldiers now and into the future. Our people are our best asset. Together, we will ensure the technology vital to our nation’s defense is built upon a foundation that strives for excellence in leadership, diversity and inclusion. This is the Army way. Army Strong!

Maj. Gen. Robert S. Ferrell
Commander, U.S. Army Communications-Electronics Command & Aberdeen Proving Ground

SUMMER MOVING SEASON

Website helps kids on the move

It’s that time of year again when so many military families are starting their relocation plans — and dealing with the fallout from kids who would rather stay put.

As a parent of young children, I often think if I ever want a change of scenery, i.e., moving to a new area, I have a window of opportunity — before the kids become teenagers.

That’s because I remember vividly my own 14-year-old inner voice screaming “no way, not now, not ever” at the slightest hint that my parents might upend my comfort zone with a move. But I don’t have the weight of the U.S. military behind me, and my parents didn’t either.

Military kids don’t have that luxury of influencing a Family’s decision to move, which is among the many reasons the Defense Department deemed April the Month of the Military Child — to celebrate mil-

itary children’s shared sacrifice for the nation.

While even one relocation is traumatic for most teens, military kids have done it multiple times. But that doesn’t necessarily make it easier, as Karen Morgan knows firsthand.

Morgan is a senior program analyst with the department’s Military Community and Family Policy office in the Pentagon. But she also was a Marine Corps wife for 25 years and mother of two children. “Moving anywhere can be traumatic for anyone, but it’s doubly traumatic with kids,” she told me recently.

Morgan mostly remembers their relocations fondly — as a Family bonding experience and a chance to experience new areas together. But there were hard times, too, like when they moved in the summer and couldn’t find other children to play with, and when their daughter left for college in Virginia while they still were stationed in Okinawa.

Now Morgan uses those experiences to give insight into a DOD website designed to help military kids with their parents’ many relocations.

Military Youth on the Move has tabs for teens, pre-teens, and younger kids to help with everything from preparing for college, to dating, to making new friends.

There is a “Moving Out” section with advice on packing, saying ‘good-bye,’ and keeping in touch, and a “Get Help” tab offers advice on dealing with a parent’s deployment, divorce and bullying. Moving is never easy, but sites like Military Youth on the Move certainly help.

To view the Military Youth on the Move website, visit <http://apps.mhf.dod.mil>.

Lisa Daniel
Armed Forces Press Service

APG SEVEN DAY FORECAST

Thurs	Fri	Sat	Sun	Mon	Tue	Wed
80° 61°	79° 63°	73° 60°	80° 65°	80° 65°	74° 63°	75° 63°

APG NEWS

The APG News, a civilian enterprise newspaper, is an authorized publication for members of the U.S. Army. Contents of the APG News are not necessarily official views of, or endorsed by, the U.S. government, Department of Defense, Department of the Army or the U.S. Army Garrison, Aberdeen Proving Ground. The newspaper is published weekly by the APG Public Affairs Office, ATTN: IMAP-PA, Building 305, APG, MD 21005-5001, 410-278-1153. Printed circulation is 8,900.

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

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

The appearance of advertising in this publication, including inserts or supplements, does not constitute endorsement by the Department of the Army or Homestead Publishing Company of the products or services advertised. For advertising matters, call Homestead Publishing, 410-838-4400. Send articles or information for publication to the APG Public Affairs Office, Building 305,

IMAP-PA, APG, MD 21005-5001; call the editor at 410-278-1150, DSN 298-1150; send a fax to 410-278-2570; send e-mail to adriane.c.foss.civ@mail.mil or contact reporters Yvonne Johnson, yvonne.johnson5.ctr@mail.mil or 410-278-1148, or Rachel Ponder, rachel.e.ponder2.ctr@mail.mil or 410-278-1149.

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

Staff

- APG Commander Maj. Gen. Robert S. Ferrell
- APG Garrison Commander Col. Orlando W. Ortiz
- Acting Public Affairs Officer Karen Jolley
- Editor Adriane Foss
- Contract Photojournalists Yvonne Johnson
- Rachel Ponder
- Graphic Designer/Web Designer Nick Pentz
- Website www.apgnews.apg.army.mil

ECBC helping develop future engineers

Story and photo by
JENNIFER CARROLL
ECBC Communications

Electrical engineers from the U.S. Army Edgewood Chemical Biological Center (ECBC) helped 125 fifth-graders at Homestead Wakefield Elementary School translate science, technology, engineering and math (STEM) education into real-world engineering projects May 17.

Focused on making Engineering is Elementary's storybook A Reminder for Emily come alive for students, ECBC Electrical Engineer Mark Colgan – supported by his colleagues ECBC Electrical Engineer Jerry Huen and Computer Scientist Azra Malik – led a STEM lesson that was out of the ordinary.

The lesson was designed to reinforce the engineering design process, a technique that the three engineers use on a regular basis to complete customer projects at ECBC, the premier national resource for chemical and biological defense.

They kicked off the hands-on STEM experience by discussing different aspects of electrical engineering at home, in the working world and in the storybook. Then, ECBC engineers challenged students to solve the problem outlined in the storybook. The task required students to build an alarm circuit by applying the engineering design process.

In teams of five, students thought about a solution for the problem, planned and created circuit systems and improved their projects. Infusing creativity into the steps of the engineering design process helped students enhance the outcome of their projects.

"I loved designing and building our own alarm system," said fifth-grade student Ryan Greezicki. "This activity was such a fun way to learn about science and engineering."



Homestead Wakefield Elementary School Teacher Dan Bohlman (left) participates in the hands-on STEM experience that ECBC Electrical Engineer Mark Colgan (right) developed for elementary school students.

"Sponsored by the National Defense Education Program, the Center's educational outreach efforts aim to inspire students about STEM career pathways by empowering them to conduct real-world science and engineering projects," said Community and Educational Outreach Program Manager Mary Doak. "As soon as students get their hands on STEM, their wheels start turning."

Not only students benefited from the experience. One teacher that participated in this initiative embraced the instructional approach that ECBC's engineers took during the educational outreach event.

“ECBC has helped to enrich our science program not only for my students, but also for myself. I plan to take ideas from this initiative and use them to improve my instruction.”

Dan Bohlman

Homestead Wakefield Elementary School fifth-grade teacher

"ECBC has greatly helped to enrich our science program not only for my students, but also for myself," said fifth-grade teacher Dan Bohlman. "I plan to take some ideas from this initiative and

use them to improve my instruction."

For more photos, visit: <http://bit.ly/JcTjzR>.

For information about ECBC, visit <http://www.ecbc.army.mil/>.



Want to make a difference in how services are rendered at APG? Tell us how we can improve, or provide kudos for great service, via the Interactive Customer Evaluation system at <http://ice.disa.mil/>. Click "Army" then "Aberdeen Proving Ground." Or check us out on Facebook at <http://on.fb.me/HzQlow>. View the QR code to visit us immediately.



Community honors America's fallen

Staff report

Aberdeen Proving Ground and Harford and Cecil county communities paid homage to those who made the ultimate sacrifice, with ceremonies held across the region on Monday to honor America's fallen heroes.

The events began at the Edgewood Arsenal Cemetery on APG South (Edgewood) at 10 a.m., as Col. Orlando Ortiz, APG Garrison commander and deputy installation commander, praised "the countless brave souls who gave their lives, to ensure we have the freedom to live our lives without fear."

"In America, Memorial Day is much more than a day to mourn our service members," he said. "Though this day was set aside to remember those who died for our country, it's a day that honors and celebrates life and service."

He added that while towns across America are decorated with red, white and blue, Soldiers and their Families are "truly the decorations of the U.S. Army."

"We owe them our lives," he said. "We must remember there was a price to pay for our freedom. Thank you for proudly displaying your pride in being Americans."

Edgewood American Legion Post 17; Abingdon Veterans of Foreign Wars Post 5337; Knights of Columbus Corpus Christi Council 6188; Boy Scout troops 200 and 234 and Girl Scout Troop 4230 participated in the event. A rifle team from the 20th Support Command (CBRNE) fired a salute and the Fort Meade Army Field Band Quintet provided music.

In Aberdeen, local veterans, citizens and elected officials gathered at the Aberdeen War Memorial in Festival Park, with APG senior leader and commander of the U.S. Army Communications-Electronics Command Maj. Gen. Robert S. Ferrell joining Aberdeen Mayor Michael Bennett and City Council members.

Ferrell noted that the Army and the community share a bond, because "we have all been touched by the sacrifice all Soldiers, Sailors, Marines, Airmen and Coastguardsmen have made in service to their country."

"We remember the families of the missing and the Gold Star families who lost loved ones to illness, injury and combat," he said. "They stood strong through uncertainty, and their resilience, dedication and commitment continue to shine as beacons through the darkest hours."

Ferrell said that after recognizing Hometown Heroes throughout Armed Forces Week, he wanted to recognize "once final group of Hometown Heroes, our community."

"For nearly 100 years, the Aberdeen community has stood strong in support of our Army. Alongside of us you answered the call to duty. You supported our Soldiers in combat and you shared in our loss of family, friends and neighbors," he said. "Yet throughout it all, you continued to ensure our Army is the best manned, best equipped,



Photo by Karen Jolley
Robert Hanson of American Legion Post 128 (left) and Nick Guerra, commander of Korean War Veterans Chapter 271, salute after laying a wreath at the Aberdeen War Memorial during the May 28 Memorial Day ceremony.



Photo by Yvonne Johnson

Members of the Knights of Columbus, Corpus Christi Council 6188 stand at attention during the playing of the Armed Forces Medley at the Edgewood Arsenal Cemetery.

best trained, best led and most decisive land force in the world. Thank you."

American Legion Post 128 conducted the ceremony in coordination with the City of Aberdeen, Veterans of Foreign Wars Post 10028, Catholic War Veterans Post 1841 and Korean War Veterans Post 271.

The program opened with the posting of the Colors by the American Legion Post 128 Honor Guard and the national anthem, played by the Aberdeen Middle School band. Robert Hanson of Post 128 served as Officer of the Day and escort during the placing of wreaths in front of the memorial. Each of the veterans' service organizations laid a wreath to commemorate the service men and women who have fallen, followed by a moment of silent prayer, a memorial salute fired by the Post 128 Honor Guard, and the playing of Taps.

At the ceremony in Havre de Grace, Col. Darryl Briggs, director of stockpile operations for the U.S. Army Chemical Materials Agency, was the guest speaker. Briggs said he was impressed by the response from the community, which he called "rich with military history."

"The ceremony was held overlooking the water, near the memorial, and it was beautiful," Briggs said. "The dedica-

tion, the loyalty, the patriotism and the history of the Havre de Grace community was clearly apparent during the ceremony. If you grew up in this area, you're part of our military history."

Master Sgt. John Cavaliere, interim command sergeant major for Garrison APG, was the guest speaker at Perryville American Legion Post 135.

"There is a very strong, loyal, dedicated military background in Perryville," he said. "Losing even one service member is too many. The support from the community for this event shows that every small town plays part in our nation's defense."

Representing APG at the ceremony held in Bel Air were Dale Ormond, director of the U.S. Army Research, Development and Engineering Command, Col. Kirk Benson, RDECOM chief of staff, and CECOM Command Sgt. Maj. Kennis Dent.

"I thought it was an absolutely wonderful event, and a great example of the partnership that Aberdeen Proving Ground has with the local community," Benson said. "The honor shown to multiple generations of service members was truly touching."

(Rachel Ponder, Yvonne Johnson and Karen Jolley contributed to this article.)



Photo by Yvonne Johnson

A bugler from the Fort Meade Army Field Band Quartet plays Taps to end of the Memorial Day Tribute at the Edgewood Arsenal Cemetery in APG South (Edgewood) May 28.

APG mentors local seniors, cultivates future scientists

By RACHEL PONDER

APG News

A graduating class of 43 students from Aberdeen High School's Science and Mathematics Academy displayed and presented their senior capstone projects to peers, mentors and teachers during a gallery walk on the evening of May 22.

The projects were the result of a yearlong research class, called Science Research and Technology IV, in which students worked closely with a mentor who is a professional scientist, mathematician or engineer.

This year, 17 SMA students received mentors who work as Department of Defense civilians on Aberdeen Proving Ground. The mentors volunteered their time to guide students in an area of interest. Many students chose a field of study they plan to pursue in college.

Throughout their high school careers SMA students are introduced to a variety of research and career options in

biotechnology and medical sciences; pre-engineering and physical sciences; computational sciences and mathematics; geosciences and environmental sciences.

Kamini Mallick's project was "Molecular Alterations Following Nerve Agent Induced Cardiotoxicity." Mallick said she worked closely with mentor Dr. Heidi Hoard-Fruchey and her team from U.S. Army Medical Research Institute of Chemical Defense throughout the year.

Mallick, who aspires to be a cardiologist, said working in a laboratory setting and getting hands-on experience has expanded her understanding of science. During the capstone project, Mallick conducted research at MRICD's lab two to three times a week.

"Dr. Hoard-Fruchey has absolutely been influential," Mallick said. "Overall I think that SMA gives students a huge advantage. We already have so much research experience under our belt. I

would recommend the program to any student who is passionate about science and math and is willing to work hard."

Hoard-Fruchey, who has served as an SMA mentor for two years, said she and other mentors hope to make connections that will last a lifetime.

"In the long run we want to cultivate future scientists," Hoard-Fruchey said. "This is where it starts. We want to make connections with the students and follow them throughout their careers."

After the gallery walk, there was a program celebrating SMA's class of 2012, where certificates, coins and special awards were awarded. Communications-Electronics Research, Development and Engineer Center Director Jill Smith was the keynote speaker.

She congratulated students on their academic achievements and said that they have a bright future ahead of them.

Smith remarked that the 2012 class might have the next Steve Jobs, co-

founder of Apple Inc.; Mark Zuckerberg, co-founder of Facebook; or future president among them.

"Math and science are the economic engines of our country," Smith said. "You all are the innovators of the future."

Special Awards

■ The Dr. Bill Richardson Award for Maintaining a Creative Vision for the Future to Hannah Clipp

■ The Robert L. Johnson Award for Excelling at Perseverance and Problem Solving to Shelby Thies

■ The C. Warren Mullins Award for Demonstrating Outstanding Leadership Potential to Jennifer Schoenstein

■ The Dr. Dennis L. Kirkwood Award for Demonstrating an Exceptional Work Ethic to Hunter Bachman

■ The Donna M. Clem Award for Exemplifying the Spirit and Purpose of the SMA to Lucy Dagher



Command Sgt. Maj. Brian Sann, senior enlisted advisor, Maryland National Guard, leads riders out on the Group Ride at the end of the Iron Horse Motorcycle Safety Rally at the Outdoor Recreation Center May 24.

Iron Horse Rally puts safety first

Story and photo by
YVONNE JOHNSON
APG News

For the third consecutive year, APG marked Motorcycle Safety Month with an Iron Horse Motorcycle Safety Rally that drew dozens of riders to Family and MWR's Outdoor Recreation facility May 24.

Along with valuable safety information delivered by H. Mike Allen and the staff of the Garrison Safety Office, participants received free safety inspections and took in information and displays for new and potential riders.

Festivities included a Slow Ride competition, door prizes, a Best Bikes contest and refreshments. In addition, Outdoor Recreation displayed camping, cookout and recreational equipment available for summer rentals as part of the MWR Summer Programs and Services Expo.

Master Sgt. John Cavaliere, interim garrison command sergeant major, urged attendees to have a good time and to keep safety in mind over the holiday weekend and throughout the summer.

The event concluded with a group ride that ended at the American Legion in Havre de Grace.

One guest rider, Command Sgt. Maj. Brian Sann, senior enlisted advisor of the Maryland National Guard, led the second set of riders on

the group ride. Sann said, "You can never talk about safety too much," and that the upcoming holiday weekend was the perfect time to focus on awareness.

"There are a lot of new and inexperienced drivers on the road. The thing to remember is that we're all safety officers, obligated to ensure others are doing the right thing," he said.

Allen conducted a safety briefing that included the route and hand signals and Garrison Deputy Chaplain (Maj.) Steven Simpson delivered the Motorcycle Rider's prayer before the group ride.

The winner of the slow ride was Sgt. 1st Class Chris Cox of 20th Support Command (CBRNE). Cox, who drove a 2009 Yamaha FZ-1 sport bike, said he's learned a lot since he began riding three years ago.

"It's important that we watch out for each other," he said.

Capt. Lennie Fort of Joint Program Executive Office for Chemical and Biological Defense, agreed and said he's been riding just a year on a bike his uncle gave him.

"Safety is important because it's easy to forget the little things and pick up bad habits," he said. "I take a refresher every chance I get."

View and download photos at flickr.com/photos/usagapg

Prevent heat injury, discomfort with common sense tips

By **BILL ALCARESE**
APG Installation Safety Office

The hot summer months pose hazards for outdoor workers.

When the body is unable to cool itself by sweating, heat induced illnesses can result. Construction workers are physically hard pressed during any season but especially during the summer months.

Understanding and recognizing the signs, symptoms and factors leading to heat stress is a means to prevent personal injury and illness.

Factors leading to heat stress include high temperature and humidity, working in direct sunlight, limited air movement, physical exertion especially when in poor physical condition, insufficient water intake, and being under the use of certain medications.

The following are the four types of heat disorders:

Heat stroke—the most serious of heat related disorders occurs when the body temperature regulations fail and the body temperature rises to a critical level. Heat stroke can be fatal. The primary signs and symptoms are confusion, irrational behavior, loss of consciousness, convulsions, a lack of sweating, hot, dry skin and an abnormally high body temperature.

Heat exhaustion is a result of the combination of excessive heat and dehydration. Signs and symptoms include a headache, nausea, dizziness, weakness, thirst and giddiness.

Heat cramps usually are caused by performing hard

physical labor in a hot environment and not taking in sufficient water replenishment.

Heat rashes occur when the skin is persistently wetted by unevaporated sweat.

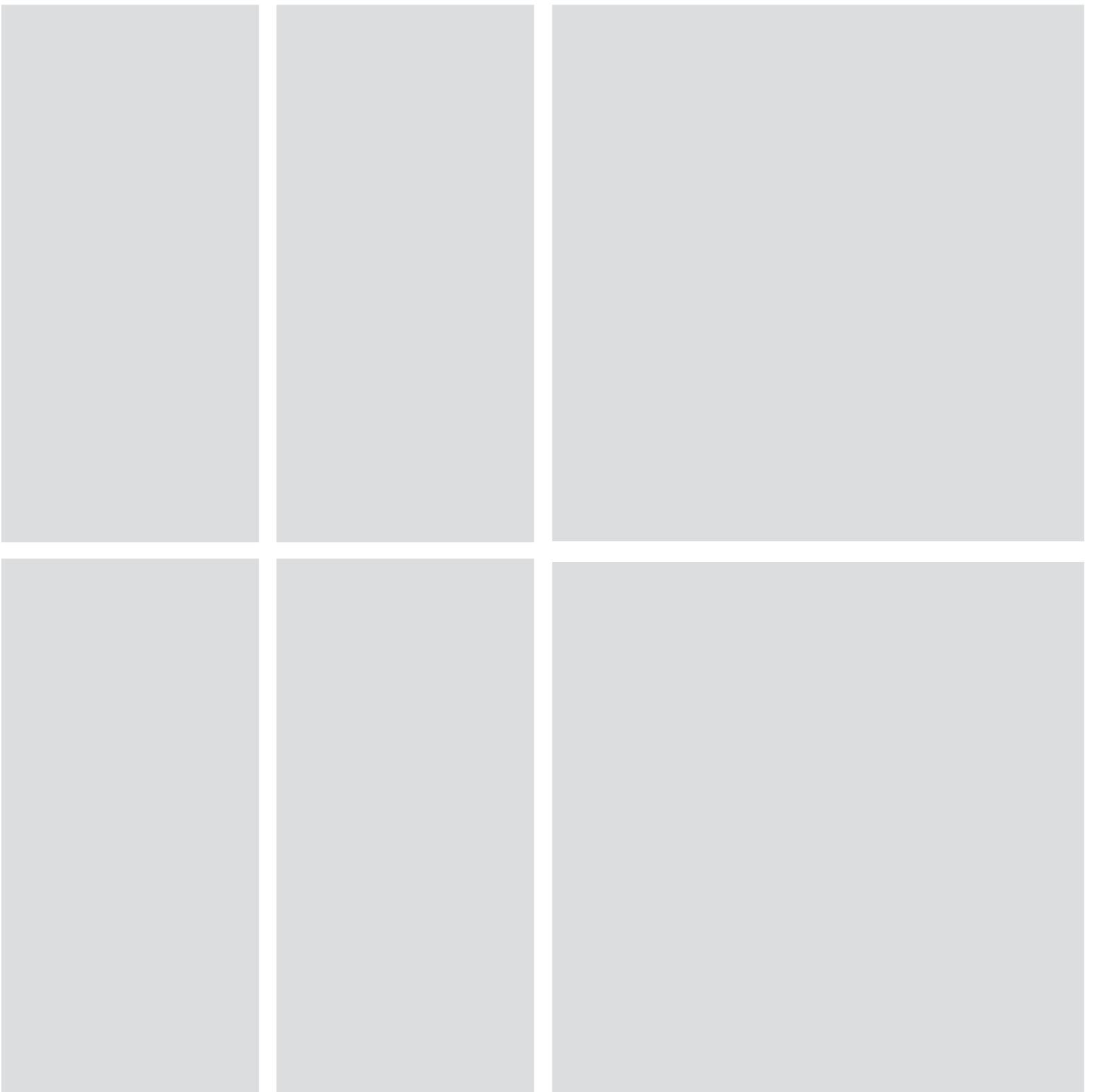
Workers showing signs of heat related disorders should be placed in a shady cool area and be provided with fluids. In extreme cases the worker should be doused with cool water and professional medical attention should be sought.

Administrative work practice controls can offset heat effects. These controls include:

- acclimatizing workers by exposing them to work in hot environments for progressively longer periods,
- having workers drink one cup of cool water in 20 minute intervals,
- reducing or minimizing physical demands in hot work environments,
- providing intermittent rest breaks in cool areas,
- rescheduling as best as practical certain tasks during the cooler part of the day, and,
- physically monitoring high risk workers by checking heart rate and oral temperature.

According to the U.S. Department of Labor, it has been demonstrated that accident frequency tends to be higher in hot environmental conditions. Working in hot environments can lower mental alertness and physical performance. Such conditions promote irritability, anger, and other emotional states which can lead a worker to overlook safety procedures.

Lessening heat stress conditions help assure a safe workplace, and a more productive and happy worker.



CBRNE Soldiers pushed to limit during Best Warrior competition

By **CHRISTOPHER BUSH**
20th Support Command (CBRNE)

Earning the title of Best Warrior in a highly-specialized unit like the 20th Support Command (CBRNE) is no easy task, but eight Soldiers from across the country accepted the challenge and competed in a multi-day competition at Aberdeen Proving Ground May 21–24.

Chemical, biological, radiological, nuclear, and high-yield explosive Soldiers and noncommissioned officers from units throughout the United States converged to compete in rigorous tasks and exercises that pushed the Soldiers' mental and physical abilities to the brink.

An eight-mile road march, a multi-hour urban orienteering course on the Edgewood Area of APG, a physical fitness test, weapons qualification, a written exam, warrior tasks, and a grueling oral board with senior NCOs including 20th Spt. Cmd. (CBRNE) Command Sgt. Maj. David Puig were among the tasks given to the competitors.

The whirlwind week of arduous competition culminated in the selection of Sgt. Michael A. Turner of the 20th Spt. Cmd. (CBRNE) Headquarters and Headquarters Company, and Spc. David Nakasone of the 71st Ordnance Group (EOD) as the NCO and Soldier Best Warrior of 2012 during a ceremony at the Southside Grill in the APG South (Edgewood) recreation center.

Brig. Gen. Leslie C. Smith, 20th Spt. Cmd. (CBRNE) commander, kicked off the ceremony by reciting the Soldiers Creed to the competitors and those gathered. "That creed reminds me of what it means to be a Soldier," Smith said. "You are the people that execute our mission. There is no greater task than what Soldiers do... All of you are winners in my book."

"You all should take what you have learned back with you to make the team better," Smith told the eight Soldiers.

In a week of difficult challenges, a few events stood out in the mind of one of this year's winners.

"The 'ruck march' was probably the hardest part," said Turner. "I got some heat cramps and my calves locked up; I was walking on stilts for the last mile."

During the road march, or "ruck march," portion of the Best Warrior Competition, Soldiers had to have designated items in their ruck sacks that weighed approximately 25 pounds. In addition to their pack, the Soldiers also carried other equipment the total, the load measured around 70 lbs. An eight-mile road march in high humidity proved to be no small accomplishment for the competitors.

Some critical tools the competing Soldiers relied upon heavily throughout the competition were the mentors they brought with them to APG. Mentors were allowed to advise Soldiers prior to events like the ruck march, but once the tasks began, they were no longer allowed to coach their Soldiers.

As demanding as the ruck march was physically, the oral board with senior CBRNE NCOs proved to be just as taxing mentally. The board lasted up to an hour. Mentors helped prepare the Soldiers prior to their board and spoke for them in front of the panel. Warrior competitors had to be ready to answer a variety of questions ranging from weight of a specific loaded weapon and its maximum range, to reciting the Soldier's Creed. Board members also peppered competitors with questions



Photo by Jessica Maxwell

Master Sgt. J. Micah Huling, a 20th Support Command (CBRNE) Operations NCO and NCOIC of the 2012 20th Spt. Cmd. (CBRNE) Best Warrior Competition, briefs participants in the competition on urban orienteering in APG South (Edgewood) May 21.

about how the Soldiers would react to certain scenarios.

"PT tests and ruck marches are things we do on a day-to-day basis, but we don't practice a lot on the boards," said Nakasone. "The Army North Command competition is a board and not any physical activities, so I will be getting ready for it."

Repetition and practice proved to be beneficial in relieving the stress of the oral board for one competitor. "I wasn't as nervous as I usually am. I've done so many boards to get here that I guess I'm used to it," said Sgt. Steven Applegate, a competitor from the 52nd Ordnance Group (EOD).

Turner and Nakasone will now move to the Army North Command level of competition and, if selected, to Army Forces Command's competition.

"I will be working on how I present myself to the Army North board," said Turner, who thought his strongest performance was in the land navigation and basic tasks. "I will try to slow myself down so I don't spit answers in rapid fire, but take my time so I can think through them properly."

The winners both agreed that one of their favorite portions of the Best Warrior Competition was urban orienteering, or land navigation, where the Soldiers were given points on a map and an electronic navigation device at the Edgewood Chapel, then sent out across the installation to find all the points within approximately four hours – imagine the most stressful "Easter Egg" hunt conceivable.

"I got to use a device that I have nev-



Photo by Christopher Bush

(From left) Sgt. Michael Turner and Spc. David Nakasone face members of the 20th Support Command (CBRNE) after being selected as the 2012 NCO and Soldier Best Warriors May 24.

er used before. Where I am stationed, all we have ever used is a compass," Nakasone said.

The aim of the Best Warrior competition was to put competitors to the test in a variety of professional areas and selecting the top two was a difficult task, according to Master Sgt. J. Micah Huling, the NCOIC of the 2012 Best Warrior Competition.

"[Best Warrior] is designed to challenge the competitors both mentally and physically. We definitely hit both of those marks this year," Huling said. "We were looking for the best of the best with the overall Soldier concept in mind. Each of the competitors displayed mental and physical toughness throughout the competition and the final outcome was one of the closest I have seen."

The close finish speaks highly of the training proficiency and readiness within the 20th Spt. Cmd. (CBRNE), Huling said. "We have some great Soldiers in our ranks and that is evident by the performance of all the competitors."

Command Sgt. Maj. David Puig echoed Huling's sentiments and expressed his confidence that the 20th Spt. Cmd. (CBRNE) Soldiers would eventually move on to the FORSCOM competition.

"This was a hard-fought race with scores coming in extremely close," Puig stated in an email to the command. "A lot of hard work and dedication went into this to ensure the event was tough, fair, and equitable... Good luck to Sgt. Turner and Spc. Nakasone. You represent the best of the 20th Spt. Cmd. (CBRNE)."

Registration for FMWR Wilderness Challenge open

Special to the APG News

Registration for the Mid-Atlantic Region, Morale, Welfare and Recreation (MWR) Department's annual all-military Wilderness Challenge is open for all members of the armed forces.

The Wilderness Challenge will take place, Oct. 4–6, in the heart of the Appalachian Mountains and on the New and the Gauley Rivers in West Virginia. The event is hosted and co-organized by ACE Adventure Resort, West Virginia's largest outdoor outfitter.

More than 300 military personnel representing teams from around the world are expected to compete. Only the first 60 teams will secure a spot in the Wilderness Challenge, so teams are encouraged to register early.

"Every year, the MWR Wilderness Challenge brings together the best athletes the armed forces has to offer and puts them to the test," said Michael Bond, event coordinator. "As the competition gets tougher and tougher every year, so do the competitors as more teams battle it out for the title."

The challenge contains a series of five outdoor adventure races in a team format designed to bring camaraderie, competition and team spirit between all five



Photo by Mark Piggott

Jose Oregon of Team "Pancho Villa's Rebellion" from Assault Craft Unit FOUR (ACU-4), Joint Base Little Creek-Fort Story, Va., got a taste of white water rafting on the Gauley River as part of a 17-mile whitewater rafting race, Oct. 7, during the 2011 All-Military Wilderness Challenge. The Wilderness Challenge, sponsored by Naval Weapons Station (WPNSTA) Yorktown Morale, Welfare and Recreation (MWR) Department, brings together teams from across all five branches of the armed forces to compete in five extreme outdoor events over a two-day period.

branches of the Armed Services.

Teams participating in this year's challenge will compete in an 8K mountain run, a 12-mile mountain bike race, a 14-mile forced hike through the mountains, a 13-mile whitewater raft race on the Gauley River and a 7-mile kay-

ak race on the New River. Last year's winner was Team "HT-18" from Helicopter Training Squadron EIGHTEEN (HT-18), from Naval Air Station Whiting Field, Milton, Fla.

"This is one of the most grueling, hard-fought competitions in the armed

forces, so the winning team will be the best of the best in outdoor recreation and physical endurance," Bond added.

In addition, the United States Adventure Racing Association (USARA) has endorsed the All-Military Wilderness Challenge as a qualifying race for the USARA National Championships.

As a USARA sanctioned event, the winner of the Wilderness Challenge will be able to compete on a national level for what is considered the "Heart & Soul" of Adventure Racing in the United States... The USARA Adventure Race National Championship.

"USARA is excited to have the Wilderness Challenge as a 2012 USARA regional qualifier," said Troy Farrar, president of USARA. "We hope to see several teams from the Wilderness Challenge represent their military branch and compete in the USARA Adventure Race National Championship."

Registration is open to all branches of the military. Teams must be comprised of four active duty military, one of which must be female. Teams may also include active reservists, retirees and ROTC. The registration fee is \$500 per team. Register online at www.wildernesschallenge.net or call (757) 887-7256.

MARK YOUR CALENDAR

TODAY RAB MEETING

The next Restoration Advisory Board meeting will be held 7 p.m. at the Ramada Conference Center in Edgewood. The topics will be Canal Creek, SediMite Update and New O-Field.

FRIDAY JUNE 1 2012 U.S. ARMY SOLDIER SHOW COMES TO APG

Mark your calendars for this year's U.S. Army Soldier Show at the APG post theater. Show times are 11:30 a.m. and 7 p.m. The show is free and open to the public. Seating is limited. For information, call 410-278-4011/4907, or visit www.apgmwr.com.

JAZZ CONCERT

Begin your summer listening with a variety of jazz selections during the Lou Natale jazz concert, 7:30 – 9 p.m. at Millard E. Tydings Park in Havre de Grace, Md., 21078. The event is free. Bring chairs and picnics. No rain location. Call 410-939-2100 for information.

TEXAS HOLD'EM GAMES

Join us for Texas Hold'Em at the American Legion Susquehanna Post 135 at 300 Cherry Street in Perryville, Md., 21903. Dates are:

- Friday June 1 with the game starting at 7 p.m., registration at 6. Side game starts at 4. There is a \$25 buy-in.

- Saturday, June 16 with the game at 2 p.m., registration at 1 and side game at noon. There is a \$50 buy-in and proceeds support SAL candidate for National Commander.

For information, call 410-642-2771. Proceeds support American Legion programs.

SATURDAY JUNE 2 MONSTER JAM TICKETS

Don't miss the high-flying fun, car-crashing craziness and hardcore horsepower at 7 p.m. at the M&T Bank Stadium in Baltimore. All seats are \$22 and located in section 148. To purchase your tickets, visit the MWR Leisure Travel Services at the APG North recreation center, Bldg. 3326. For information, call 410-278-4011/4907 or email APGR-USAG-MWR-LeisureTravel@conus.army.mil.

SATURDAY JUNE 9 AMERICAN LEGION DANCE

Dance featuring Live Band Lix is set at Susquehanna Post 135, 300 Cherry Street in Perryville, from 8 p.m. to midnight. Tickets are \$10 in advance, \$12 at the door, and includes draft beer, pretzels, and chips. Event benefits Sons of The American Legion.

TUESDAY JUNE 12 RESIDENT PICNIC & BIKE RODEO

Picerne Military Housing will host the annual Resident Picnic at 2727 Chesapeake Blvd. from 3:30-6:30 p.m. Join Picerne for family activities including games, a kids moon bounce, face painting and complimentary food.

The Directorate of Emergency Services will also host its annual bike rodeo in conjunction with the picnic. Children need to bring their own bikes and helmets to participate.

The event is free to on-post residents. Call 410-305-1076 for information.

THURSDAY JUNE 14 APOLLO 15 ASTRONAUT SHARES JOURNEY TO MOON

Meet the first person to conduct a deep space walk when Col. Al Worden, command module pilot for the Apollo 15 mission to the moon and the author of "Falling to Earth," comes to Harford County for a benefit lecture and book signing at 7 p.m. The event will benefit the Harford County Public Library Foundation and take place at the Vandiver Inn, 301 South Union Avenue in Havre de Grace. Tickets cost \$50 per person for the lecture or \$65 per person for a VIP ticket that includes a private reception with Worden at 6:30 p.m. and reserved lecture seating. Tickets are available by calling 410-273-5600 or by visiting www.hcplonline.org.

SATURDAY JUNE 16 APGYARD SALE

Get together your used goods and reserve a table at the APG community yard sale from 8 a.m.-2 p.m. in the APG North (Aberdeen) recreation center. This is the perfect event to get rid of unnecessary items taking up space in the garage. To reserve a table in the recreation center ballroom, cost is \$20 for one 6-ft. table and \$35 for two 6-ft. tables. To reserve space on the patio, cost is \$15 for one 6-ft. space and \$25 for one 12-ft. space. Tables and chairs will be provided. All items being sold must be clean and in working condition. Call 410-278-4011.

ARMY B-DAY & SUMMER CAMP ORIENTATION SET

Attend the CYSS Summer Camp Orientation and celebrate the Army's birthday from 10 a.m.-2 p.m. at the APG South (Edgewood) youth center, Bldg. E1902. The orientation will be from 10-11:30 a.m. and will be followed by the celebration, which will include free hot dogs, cake and fun activities for the kids. This event is open to the APG community. New members who tour the center will receive a free welcome gift. For information, call 410-436-2862.

SATURDAY JUNE 23 COCKTAIL GALA

The community is invited to the 2012 Support Our Heroes Gala from 6-10 p.m. at the Bulle Rock Residents Center, 1200 Bulle Rock Parkway, Havre De Grace, MD 21078. Tickets are \$100 per person. This cocktail gala is to honor and demonstrate support for our military heroes. Enjoy food, entertainment, dancing and traditional silent and art auctions with proceeds donated to the Fisher House Foundation. For information on tickets, RSVPs or sponsorship, visit www.support-our-heroes.com. The corporate sponsorship reception is 4:30-6 p.m., by invitation only.

SUNDAY JUNE 24 VBS STARTS AT APG

Children in pre-school (age 5) through 6th grade are invited to Vacation Bible School at the post chapel at APG North through June 28.

This year's theme is Rocky Point Lighthouse. Enjoy memorable Bible studies, catchy songs, Christian crafts, snacks and games. Register as early as possible, no later than June 10.

Nursery is available for volunteers only who have children ages 4 and younger.

For information, contact Gerri Merkel, the director of Religious Education at 410-278-2516 or caroline.j.merkel.civ@mail.mil.

SATURDAY AUG. 11 TICKETS ON SALE NOW

APG MWR and Army Entertainment present Boston with special guests Kansas and Grand Funk Railroad at the Aberdeen Proving Ground Shine Sports Field. Advance tickets are \$30. Tickets can be purchased at www.apgmwr.com/events.html, the Leisure Travel Office in the APG North recreation center and the APG South (Edgewood) recreation center. For information, call 410-278-4011 or 410-436-2713.

ONGOING BLUE STAR MUSEUMS PROGRAM RETURNS

Active duty military personnel and their Families can get free admission to several Virginia museums this summer. The Virginia Museum of Natural History in Martinsville, the Virginia Museum of Fine Arts in Richmond and several others are among 1,600 museums nationwide that are offering free admission to military Families through Labor Day. The Blue Star Museums program is a partnership with the National Endowment for the Arts and Blue Star Families.

SATURDAYS THROUGH JUNE 16 SATURDAY CRITTER FEEDING

Eden Mill Nature Center will be offering feedings on Saturdays through June 16 at 1 p.m. for Families. Join us in the nature center as we feed our critters. Take a turn feeding one of the turtles or a snake. Space is limited to 10 participants so pre-register early by calling 410-836-3050 or emailing edenmillnaturecenter@gmail.com.

Visit www.edenmill.org for information.

BABES IN WOODS SUMMER CAMP

Eden Mill Nature Center is taking registration for "Babes in the Woods" summer camp for ages 4 and 5. Dates and topics are as follows: June 15- Silly Snakes, July 2- Be A Tree, July 3- Busy Beavers, July 5- Animals Everywhere, July 16- Insect Investigators, July 18- Wonderful Wetlands, Aug. 6- Turtle Time, Aug. 8- Tracks and Trails, Aug. 10- Habitat Hunters from 10 a.m.-1 p.m. Preschoolers will enjoy a day exploring nature through hands-on activities such as hikes, games, stories and crafts. The fee is \$25/member/date or \$30/non-member/date. Pre-registration is required by calling 410-836-3050 or email edenmillnaturecenter@gmail.com. Visit www.edenmill.org for information.

SEEKING 2ID VETS

The Second (Indianhead) Division Association is searching for anyone who served in the 2nd Infantry Division at any time. For information about the national association and our annual reunion in Reno, Nev., Aug. 23-26, visit www.2ida.org or contact the association's secretary-treasurer, Bob Haynes, at 2idahq@comcast.net or (224) 225-1202.

AUDITION FOR DRACULA

The APG Theater Group will perform Dracula in October. To audition or to join the theater group, visit the recreation center Mondays at 6 p.m., or call 410-278-4011/4907.

CHAPEL POSITION

The APG main post chapel is seeking someone who can serve as choir director, organist and soloist. It is a paid position, part-time, required for two services on Sunday, special services and rehearsal. If interested, contact Chaplain (Maj.) Jonathan Morse at 410-278-4333.

MANDATORY MOTORCYCLE TRAINING

Motorcycle safety courses for

active duty, Guard and Reserve Soldiers begin this month at APG. To find out the schedule for the basic rider course, experienced rider course and motorcycle refresher training, call Mike Alllen at 410-306-1081. Attendees must register online at <https://apps.imcom.army.mil/airs/>.

UPCOMING KAYAK ADVENTURES

Teens ages 14-18 can learn to kayak for free while exploring local waterways around APG. Class dates are June 7 and 14. Transportation departs from the APG North youth center at 3:30 p.m. and returns at 6:30 p.m.

Register at CYSS Central Registration, Bldg. 2503. Walk-in registration is 7:30-10:30 a.m., or call for an appointment at 410-278-7479/7571. For information, contact conor.j.joyce.naf@mail.mil, or call 410-278-1399.

NOW MSU OFFERS MASTERS IN ELECTRICAL ENGINEERING

The Department of Electrical and Computer Engineering at Morgan State University announces its master's degree in electrical engineering program, designed for those interested in pursuing an advanced degree with concentrations in communications, signals intelligence and RADAR. The program will be offered at APG and Baltimore City, and includes a thesis or course-only option. An undergraduate GPA of 3.0 and B.S. in electrical engineering from an ABET accredited program are required. Other STEM degrees may be considered. Submit applications by July 1 (June 1 for international students) for the fall semester at: http://www.morgan.edu/School_of_Graduate_Studies.html. Call 443-885-1456 or email Jumoke.Ladeji-Osias@Morgan.Edu for info.



MORE ONLINE

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

Hurricane Preparedness Are You Ready???

Compiled by
YVONNE JOHNSON
APG News

With National Hurricane Preparedness Week upon us, now is the time to ensure homes, Families and plans are ready for the upcoming season.

Official dates for tropical activity are June 1 through Nov. 30, but storms can be spawned long before or after these dates.

Already, this year, named systems have formed—two in the Eastern Pacific and two in the Atlantic Basin.

The second Atlantic Storm, Beryl, is still affecting the Southeast with heavy rains and flooding.

Area residents can avoid the pitfalls that occurred during the aftermath of Hurricane Irene in 2011 by following suggestions from the Federal Emergency Management Agency (FEMA), and Ready.Gov.

First, familiarize yourself with hurricane-related names, watches and warnings:

Tropical Depression: An organized system of clouds and thunderstorms with a defined, closed surface circulation and maximum sustained winds of less than 34 knots (39 mph). It has no eye and does not typically have the organization or the spiral shape of more powerful storms. However, it is already a low-pressure system, hence the name “depression.”

Tropical storm: an organized system of strong thunderstorms with a defined surface circulation and maximum sustained winds between 34 knots (39 mph) and 64 knots (74 mph). At this point, the distinctive cyclonic shape starts to develop, although an eye is not usually present. Government weather services, other than the Philippines, first assign names to systems that reach this intensity, thus the term “storm.”

Hurricane: A hurricane or tropical cyclone is a storm system characterized by a low-pressure center and numerous thunderstorms that produce strong winds and heavy rain. Tropical cyclones strengthen when water evaporated from the ocean is released as the saturated air rises, resulting in condensation of water vapor contained in the moist air.

They are fueled by a different heat mechanism than other cyclonic windstorms such as nor'easters, European windstorms, and polar lows. The characteristic that separates tropical cyclones from other cyclonic systems is that at any height in the atmosphere, the center of a tropical cyclone will be warmer than its surroundings, a phenomenon called “warm core” storm systems. While tropical cyclones can produce extremely powerful winds and torrential rain, they are also able to produce high waves and damaging storm surge as well as spawning tornadoes. They develop over large bodies of warm water, and lose their strength if they move over land due to increased surface friction and loss of the warm ocean as an energy source.

This is why coastal regions can receive significant damage from a tropical cyclone, while inland regions are relatively safe from receiving strong winds. Heavy rains, however, can produce significant flooding inland, and storm surges can produce extensive coastal flooding up to 40 kilometers (25 mi) from the coastline.

Watches and warnings

Hurricane/Tropical Storm Watch: Hurricane/tropical storm conditions are possible in the specified area of the watch, usually within 48 hours of the onset of tropical storm force winds. During a watch, prepare your home and review your plan for evacuation in case a Warning is issued. Listen closely to instructions from local officials.

Hurricane/Tropical Storm Warning: Hurricane/tropical storm conditions are expected in the specified area of the Warning, usually within 36 hours of the onset of tropical storm force winds. Complete storm preparations and immediately leave the threatened area if directed by local officials.

Extreme Wind Warning: Extreme sustained winds of a major hurricane (115 miles per hour or greater), usually associated with the eye wall, are expect-



Photo by Maj. Rick Breitenfeldt

Maryland National Guard Soldiers from units across the state, seen here Aug. 28, 2011 worked around the clock to provide critical support to civilian law enforcement and firefighting agencies in Salisbury, Md., during Hurricane Irene.

ed to begin within an hour. Take immediate shelter in the interior portion of a well-built structure.

■ Additional Watches and Warnings are issued to provide detailed information on specific threats such as floods and tornadoes. Local National Weather Service offices issue Flash Flood watches/warnings as well as tornado warnings.

Family Emergency Plan

Prepare a Family Emergency Plan for every member of the Family before an emergency happens.

A good Family Emergency Plan can cover all types of emergencies. Family members should sit down together and decide how they will contact each other, where they will go and what they will do in an emergency. Keep a copy of the plan in your emergency supply kit or another save place where you can access it in the event of a disaster. Plans should include the following:

- An out of town contact name
- Designate a relative or friend outside of the affected area that each Family member can contact to let them know their status. Include telephone numbers and e-mails.

Meeting place

■ Designate a site in your neighborhood or town where Family members can meet to be reunited in the event they are separated during a disaster. Ensure Family members know where and which emergency shelters they should report to.

■ Fill out the following information for each Family member and keep it up to date:

- Name and date of birth
- Social Security Number
- Medical Information

Write down where your Family members spend most of their time: work, school and other places you frequent. Schools, daycares, work sites and apartment buildings all should have site-specific emergency plans.

Familiarize yourself with site-specific emergency plans so you can locate Family members if separated during an emergency. Ask about plans at the places your family spends the most time. You need to know where your day care providers or school officials will take your children in the event of an emergency. Ask how they will communicate with families during a crisis. Ask if they store adequate food, water and other basic supplies. Find out if they are prepared to shelter in place and where they plan to go if they must get away.

This way, you will be better prepared to safely reunite your family and loved ones. Think ahead and communicate with others in advance.

Download and fill out Family Emergency Plan cards from www.ready.gov/hurricane, and give one to each mem-

ber of your Family to ensure they know who to call and where to meet in case of an emergency.

Before a hurricane

To prepare for a hurricane, take the following measures

1. Build an emergency supply kit and make a family communication plan.
2. Know your surroundings.
3. Learn the elevation level of your property and whether the land is flood-prone. This will help you know how your property will be affected when storm surge or tidal flooding are forecasted.
4. Identify levees and dams in your area and determine whether they pose a hazard to you.
5. Learn community hurricane evacuation routes and how to find higher ground. Determine where you would go and how you would get there if you need to evacuate.
6. Make plans to secure your property.
7. Cover all your home's windows. Permanent storm shutters offer the best protection for windows. A second option is to board up windows with 5/8-inch plywood, cut to fit and ready to install. Tape does not prevent windows from breaking.
8. Install straps or additional clips to securely fasten your roof to the frame structure. This will reduce roof damage.
9. Be sure trees and shrubs around your home are well trimmed so they are more wind resistant.
10. Clear loose and clogged rain gutters and downspouts.
11. Reinforce your garage doors; if wind enters a garage it can cause dangerous and expensive structural damage.
12. Plan to bring in all outdoor furniture, decorations, garbage cans and anything else that is not tied down.
13. Determine how and where to secure your boat.
14. Install a generator for emergencies.
15. If in a high-rise building, be prepared to take shelter on or below the 10th floor. Hurricane force winds are more intense the higher up.
16. Consider building a safe room.
17. Consider flood insurance. Hurricanes cause heavy rains that can cause extensive flood damage in coastal and inland areas. Everyone is at risk and should consider flood insurance protection. To learn more about flooding risk and how to protect yourself and your business, visit the Federal Insurance and Mitigation Administration (NFIP) website at www.floodsmart.gov or call 800-427-2419.

During a Hurricane

If a hurricane is likely in your area, you should:

- Listen to the radio or TV for information.
- Secure your home, close storm shutters and secure outdoor objects or bring them indoors.
- Turn off utilities if instructed to do so. Otherwise, turn the refrigerator thermostat to its coldest setting and keep its doors closed.
- Turn off propane tanks.
- Avoid using the phone, except for serious emergencies.
- Moor your boat if time permits.
- Ensure a supply of water for sanitary purpose such as cleaning and flushing toilets. Fill the bathtub and other larger containers with water.
- Find out how to keep food safe during and after an emergency.

You should evacuate under the following conditions:

- If you live in a mobile home or temporary structure – such structures are particularly hazardous during hurricanes no matter how well fastened to the ground.
- When directed by local authorities to do so. Be sure to follow their instructions.

If you live in a high-rise building – hurricane winds are stronger at higher elevations.

- If you live on the coast, on a floodplain, near a river, or on an island waterway. If you are unable to evacuate, go to your wind-safe room. If you do not have one, follow these guidelines:
- Stay indoors during the hurricane and away from windows and glass doors.
- Close all interior doors – secure and brace external doors.
- Keep curtains and blinds closed. Do not be fooled if there is a lull; it could be the eye of the storm – winds will pick up again.
- Take refuge in a small interior room, closet or hallway on the lowest level.

- Lie on the floor under a table or another sturdy object.
- Avoid elevators.

For more information, including storm surge areas, evacuation routes, pet safety and care of the elderly or those with special needs, visit the following websites:

FOR MORE INFO

For more information, including storm surge areas, evacuation routes, pet safety and care of the elderly or those with special needs, visit the following websites:

- Harford County Emergency Operations Center - www.harfordpublicsafety.org/
- Cecil County Department of Emergency Services - www.ccdes.org/
- Maryland Emergency Management Agency - www.mema.state.md.us/MEMA2/index.html
- Federal Emergency Management Agency - www.fema.gov/
- Ready Army - www.acsim.army.mil/readyarmy/

- Lie on the floor under a table or another sturdy object.
- Avoid elevators.

After a Hurricane

- Continue listening to a NOAA Weather Radio or the local news for the latest updates.
- Stay alert for extended rainfall and subsequent flooding even after the hurricane or tropical storm has ended.

APG contributes to Fisher House

Continued from Page 1

Aviation Association of America and chair of the planning committee for the Fisher House Gala, on behalf of the Support Our Heroes Gala planning committee.

The Fort Belvoir Fisher House joins a network of 56 operational Fisher Houses in the United States and Germany.

Fisher Houses are homes donated to the military and Department of Veterans Affairs, where Families can stay while a loved one is receiving treatment. Additionally, the Foundation ensures that Families of service members wounded in Iraq or Afghanistan are not burdened with unnecessary expense during a time of crisis.

“Each Fisher House is unique in design and decoration,” said Roxannamaria Calderon, Fisher House manager. “We don’t want it to look like cookie-cutter hotel rooms; this is supposed to be ‘a home away from home.’”

The Fisher House at Fort Belvoir is a 10,000 square foot home with 12 private guest suites. The Fisher House

“These homes provide our service members with the very best medicine possible, which is the love and support of their Family members.”

Gen. Lloyd J. Austin, III
Army Vice Chief of Staff

includes various common areas including, a kitchen and spacious dining room, a family and living room, and a large laundry facility with multiple washers and dryers. The common areas and guest suites are professionally designed and furnished in the tone and style of the local area.

“This home represents an unwavering commitment to both patient and Family-centered care and world-class care provided by the hospital,” said Col. Susan Annicelli, Fort Belvoir Community Hospital commander. “As the newest addition to the fleet of Fisher homes opens its doors, it will serve as a beacon of care

and comfort that will endure for generations to come.”

The Fisher House program allows military Families a place to stay, at no cost, while their loved one is in treatment at a nearby military treatment facility or Veterans Affairs hospital. The home offers a nurturing refuge from the stress of hospitalization, rehabilitation, and recovery.

A hospitalization can last weeks – even months – and Fisher Houses aim to provide more than just housing. Families can share their experiences with the other Families living at the house and support one another.

“The Families aren’t just by the side of their own loves ones, they’re by each other’s side during these difficult times,” said H.C. Barnum, Medal of Honor recipient.

“These homes provide our service members with the very best medicine possible, which is the love and support of their Family members,” said Army Vice Chief of Staff Gen. Lloyd J. Austin, III.

Fisher Houses across the nation and in Germany have saved thousands of Families an estimated \$192 million in lodging and transportation costs. Ken Fisher, chairman and chief executive officer of Fisher House Foundation, said the foundation is more than just building houses.

“Fisher House believes that ‘Thank you for your service’ is not enough anymore,” Fisher said. “It’s more than just words, it is now deeds. It’s remembering that behind each and every man or woman that wears this nation’s uniform is a Family and that Family serves this nation too.”

Bragg Soldiers assist APG DOL

Continued from Page 1

tracted out. Now, their Soldiers have to relearn their peace-time missions.

“I’m pleased with what I’ve seen them accomplish here in terms of training and helping the DOL reach its objectives,” he said.

Hoy said as firing and test missions change, ammunition becomes excess when it is no longer needed.

“Ammunition is ordered based on required or forecasted needs,” she said. “Testing is where that normally happens. A lot of the excess we have here will go to other depots to be redistributed. If unserviceable, they will be cannibalized or demilitarized.”

She said the Soldiers accomplished in two weeks what would have taken workers up to six months.

“They brought their Soldiers in to get

the training they needed and we backed away and allowed them to train,” said Hoy. “They’ve helped us reduce the amount of excess up to 25 percent.”

The Soldiers hold the MOS of 89A, ammunition stock control and accounting specialist and 89B, ammunition specialist. Put simply, the 89A handles the logistics (paperwork) while the 89B performs the operational part of the job.

Sgts. Halston McKiever and John Torres and Pfc. Ariana Darling were three of the 89As who handled the logistics in the DOL headquarters, while repacking and magazine crews counted, repacked and palletized ammunition at the ASP’s four ammo bays. This included the use of rough terrain forklifts specially designed to load and unload the shipping storage containers used to transport the ammunition.

“This is really a group effort,” McKi-

ever said. “None of us could accomplish any of this on our own.”

At the ASP, Soldiers led by Sgts. Lawson Markeith and Anthony Goosey used DA PAM 385–64, Ammunition and Explosives Safety Standards, to determine the packaging, blocking and bracing, and marking requirements for everything from smoke grenades to small arms ammunition and missiles.

Jones called it the “compatibility book.”

“It tells us what can and cannot be shipped together. It’s the explosives safety bible,” said Jones.

At the missions’ May 19 completion, a total of 19 containers—about 200,000 pounds, of excess ammunition—were shipped or ready for shipment to servicing depots like Bluegrass Army Depot, Ky.

“This is a good start,” Hoy said.

“They did an outstanding job from day one. It’s a great start for us. We’re probably a quarter of the way done.”

Col. Orlando Ortiz, Garrison APG and deputy installation commander, and DOL Director Gene Schneck thanked the unit during a recognition ceremony at Shore Park May 19. Each Soldier received a garrison certificate of appreciation.

“The bottom line is you have made a significant difference at APG,” Ortiz told the Soldiers. “Thanks to you, that explosive waste is now greatly reduced.”

Schneck added that along with the 19 containers shipped or readied for shipment, 600 ammunition boxes received new markings.

“This normally takes about one year,” he said. “We can’t thank you enough and we’re happy to recognize you and thank you for your efforts.”

Family gathers for APG Blair dedication

Continued from Page 1

innovative spirit is at the core of what we do here at Aberdeen Proving Ground.”

Previously known as Bldg. 6010, the newly named Blair Hall is part of the Base Realignment and Closure (BRAC) campus that consolidated 70 buildings located at Fort Monmouth, N.J., into 15 state-of-the-art buildings at APG. Blair Hall is home to several U.S. Army organizations including PEO C3T, the Communications-Electronics Research, Development and Engineering Center (CERDEC) and CECOM.

The buildings at the C4ISR campus, which opened in September, are named for leaders in Army acquisition, science, inventions and technology, and also pay tribute to the center’s connection to Fort Monmouth, the center of Army communications and electronics before BRAC.

Known as the father of the Army radar, Blair was commissioned in 1917 as a major in the aviation section of the Signal Officers’ Reserve Corps. He then transferred to the Signal Corps in 1918

“Lucky for us in 1926 a major named William Blair stepped into our history... His spirit of innovation will remain with us.”

Maj. Gen. N. Lee S. Price

Program Executive Officer of the Army’s Command, Control and Communications-Tactical (PEO C3T)

and was appointed to the regular Army in 1921.

In 1924 he was appointed director of the Department of Communications Engineering at Fort Monmouth and in 1926 as chief of the Research and Engineering Division in the Office of the Chief Signal Officer. He later worked as Director of the Signal Corps Laboratories there.

During the World War II era, said Price, enemies of the United States were building more destructive bombers and the United States needed to come up with a solution to detect them.

“Lucky for us in 1926 a major named William Blair stepped into our history,”

said Price. “When Col. Blair became in charge of the Signal Corps’ Research and Engineering Division the Army program took a significant step forward in developing the radars we know today.”

Blair’s work outlined the urgent need for radio detection as a more effective means for coping with hostile aircraft. In 1937 a complete workable radar set was developed at Fort Monmouth and demonstrated before the Secretary of War and Congress.

Blair’s achievements are often thought of as one of the most important contributing factors to the Allied victory in World War II. He received a patent for the radar in 1957. Blair died in 1962 at

the age of 87.

“His spirit of innovation will remain with us,” said Price. “Today radars are used by weathermen to track harmful storms, air traffic controllers as they safely guide aircraft and they allow us to monitor potential enemy activity surrounding our airspace.”

Price said the Army, Navy, Air Force, Marines and Coast Guard all owe a debt of gratitude to Blair.

Several members of Blair’s family, including daughter-in-law Pat Blair, attended the dedication. She told those in attendance that she remembers when a private company offered her father-in-law a much larger salary than the Army to work for them.

“But he said, ‘This country has been so good to me I had to go on with what I was doing. It was too important to leave,’” she said. “He loved the Army. He treasured what he did and he would have been absolutely stunned at this today.”

After the ceremonial ribbon cutting, the Blair family attended a guided tour of the C4ISR campus.

Family kit, preparation key to survival

Continued from Page 8

■ If you have become separated from your family, use your family communications plan or contact FEMA or the American Red Cross.

■ FEMA has established the National Emergency Family Registry and Locator System (NEFRLS), which has been developed to help reunite families who are separated during a disaster. The NEFRLS system will enable displaced individuals the ability to enter personal information into a website database so that they can be located by others during a disaster.

■ The American Red Cross also maintains a database to help locate family members. Contact the local American Red Cross chapter where you are staying for information. Do not contact the chapter in the disaster area.

■ If you evacuated, return home only when officials say it is safe.

■ If you cannot return home and have immediate housing needs. Text SHELTER + your ZIP code to 43362 (4FEMA) to find the nearest shelter in your area (example: shelter 12345).

■ For those who have longer-term housing needs, FEMA offers several types of assistance, including services and grants to help people repair their homes and find replacement housing.

■ Drive only if necessary and avoid flooded roads and washed-out bridges. Stay off the streets. If you must go out, watch for fallen objects; downed electrical wires; and weakened walls, bridges, roads, and sidewalks.

■ Keep away from loose or dangling power lines and report them immediately to the power company.

■ Walk carefully around the outside

your home and check for loose power lines, gas leaks and structural damage before entering.

■ Stay out of any building if you smell gas, if floodwaters remain around the building or your home was damaged by fire and the authorities have not declared it safe.

■ Inspect your home for damage. Take pictures of damage, both of the building and its contents, for insurance purposes. If you have any doubts about safety, have your residence inspected by a qualified building inspector or structural engineer before entering.

■ Use battery-powered flashlights in the dark. Do not use candles. Note: The flashlight should be turned on outside before entering - the battery may produce a spark that could ignite leaking gas, if present.

■ Watch your pets closely and keep

them under your direct control. Watch out for wild animals, especially poisonous snakes. Use a stick to poke through debris.

■ Avoid drinking or preparing food with tap water until you are sure it’s not contaminated.

■ Check refrigerated food for spoilage. If in doubt, throw it out.

■ Wear protective clothing and be cautious when cleaning up to avoid injury.

■ Use the telephone only for emergency calls.

■ Never use a generator inside homes, garages, crawlspaces, sheds, or similar areas, even when using fans or opening doors and windows for ventilation. Deadly levels of carbon monoxide can quickly build up in these areas and can linger for hours, even after the generator has shut off.

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/> or <http://www.flickr.com/photos/rdecom>.



ASIAN PACIFIC AMERICAN HERITAGE

(At right) Marnvika Tkachenko of Tepua Hio Hio Polynesian Entertainment performs a Tahitian dance during the Asian Pacific American Heritage Celebration at the APG North (Aberdeen) recreation center May 23. During the event, APG community members received a lesson on the military contributions of Japanese Americans during World War II. Guest speaker Terry Shima (above), executive director of the Japanese American Veterans Association (JAVA), and a former member of the famed 442nd Regimental Combat Team, recalled how the unit became the most decorated in U.S. Army history, even as many of their family members were in America's internment camps. "Their actions forever erased the questions of loyalty," Shima said. Brig. Gen. Leslie Smith, commander of the 20th Support Command (CBRNE), thanked Shima and praised Team APG organizers on behalf of APG and CECOM Commander Maj. Gen. Robert S. Ferrell. Guests took in Asian Pacific displays and a food tasting after the ceremony, which included dances by Tepua Hio Hio Polynesian Entertainment.

Photos by Yvonne Johnson



Photo by Rachel Ponder

A MILITARY MESSAGE

Sesame Street characters dance during the Sesame Street/USO Experience for Military Families show at the post theater May 28. The performance, brought to APG by FMWR USO, dealt with common issues in the lives of military children. Conner Joyce of CYSS said about 1,400 tickets were distributed for the May 28 – 29 shows. To view and download more photos, visit <http://www.flickr.com/photos/usagapg>.



Photo by Terri Kaltenbacher

RARE FIND

Two osprey eggs lie atop the Pooles Island Lighthouse cupola May 16. APG's Directorate of Public Works employees visited the lighthouse to ensure its solar powered light and battery were in proper working condition for the boating season.



Photo by Rachel Ponder

SCIENTIFICALLY SPEAKING

Jacqueline Le, an Aberdeen High School Science and Mathematics Academy student, discusses her senior Capstone project, "The Effect of Strike Face Geometry on the Response of a Composite Back Plate," with Cheryl Bachman, the parent of an SMA student from Fallston during the Gallery Walk of Senior Capstone projects at AHS May 22. Dr. Shane Bartus of the U.S. Army Research Laboratory mentored Le during the creation of this yearlong project.



Photo by Rachel Ponder

CIRCLE OF TRUST

(Far right) Motivational speaker Retro Bill uses a hula hoop to signify a circle of trust with (from left) Maryland D.A.R.E. Coordinator Claude Nelson, D.A.R.E. graduates Anthony Chase and Qiasia Wright, Youth Center counselor Florence Vaughan and others during the annual D.A.R.E. graduation at the APG North youth center May 25.