



APG NEWS

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STEM Expo hosts 400 students

Local ninth-graders get firsthand look into Army technology

By **AMANDA ROMINIECKI**
APG News

Team APG hosted more than 400 area high school students for the installation's second Science Technology Engineer and Mathematics (STEM) Expo Nov. 18.

Ninth-grade students from Harford, Cecil and Baltimore County Public Schools participated in numerous hands-on workshops and demonstrations, gaining a first hand look into how the Army leverages STEM to protect and empower Soldiers.

Gary P. Martin, U.S. Army Communications-Electronics Command deputy to the commanding general,

See STEM, page 14

C. Milton Wright High School freshman Alec Frezza, 14, observes the inside of a 3-D printer during a presentation at APG's STEM Expo Nov. 18. Dr. Drew Wilkerson of the Army Research Laboratory explained to Wright and his peers how the science of digital fabrication can program the physical world, turning data into real-life objects.

Photo by Stacy Smith



APG Soldiers visit 9/11 memorial

Story and photos by **AMANDA ROMINIECKI**
APG News

More than 25 Soldiers from units across APG visited the National 9/11 Memorial and Museum in New York City Nov. 14, honoring the lives lost on Sept. 11, 2001 and reflecting on their service to the nation.

The trip was part of the 5th annual "Spirit of Thanks Tour" coordinated by the Chesapeake Science and Security Corridor, a Harford County governmental organization that brings together multiple counties in Maryland and neighboring states to ensure a high quality of life for those who live and work in the defense community surrounding APG.

"CSSC began the Spirit of Thanks Tour five years ago as a way to give back to our active military, appreciate our veterans and be reminded of why we do what we do as

a defense community," said Karen Holt, CSSC regional bank manager.

Soldiers had the opportunity to explore the memorial grounds, including the two reflecting pools that reside in the footprints of where the World Trade Center towers once stood.

The group broke apart to privately tour the grounds and reflect, as they passed the names of the nearly 3,000 people killed at the World Trade Center, the Pentagon, and in Shanksville, Pennsylvania on Sept. 11, 2001, and during the WTC bombing in 1993,

See 9/11 MEMORIAL, page 8

Sgt. 1st Class Joseph Conway, ATEC Army Evaluation Center, walks along one of the reflecting pools at the National 9/11 Memorial and Museum in New York City, Nov. 14.



Observance highlights Native American Indian military service

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

Team APG honored National Native American Indian Heritage Month during an annual observance that included inspirational remarks, cultural performances and a food tasting at the Myer Auditorium Nov. 13.

Several presenters touched on the 2014 theme, "Native Pride and Spirit: Yesterday, Today and Forever," when they talked about the legacy of Native American military service members, past and present.

"American Indians and Alaskan Natives are a part of the fabric that is our workforce," said Todd Morris, deputy chief of staff of the U.S. Army Research, Development and Engineering Command.

"I want to remind everyone of the tremendous past contributions by this community in the service of this great nation and of the men and women that currently serve in vital roles to defend our country," Morris said.

Guest speaker Lt. Col. Nathele J. Anderson discussed her life as a Native American who is proudly serving in the U.S. military. A member of the Navajo (Dine) tribe,

Lumbee tribal member Keith Cox performs the men's Grass Dance during the National Native American Indian Heritage Month observance held at Myer Auditorium Nov. 13.



See HERITAGE, page 14

UPDATE

Full courtesies during bugle calls expected starting Nov. 25

Team APG is reminded that starting Nov. 25, all individuals on post are expected to render the proper courtesies during bugle calls.

These courtesies include facing the American flag, if it is in view. There are three American flags flown on APG: in front of RDECOM Headquarters and CECOM Headquarters on APG North and at McBride Field on APG South. If a flag is not in view, individuals should face the direction of the music.

Reveille is played at 6 a.m. and Retreat is played at 5 p.m. Bugle calls will not be played on weekends or holidays.

Any individual operating a vehicle during a bugle call must come to a complete stop and put the vehicle in park. Military personnel are expected to then exit their vehicle and render honors. Civilians are to stay in their vehicle but remain quiet and respectful.

All drivers on APG are urged to be observant and to drive with caution to avoid potential safety issues as Soldiers exit their vehicles on roadways during bugle calls.

Expected courtesies are outlined in detail by Army Regulation 600-25, available at: www.apd.army.mil/pdf/files/r600_25.pdf

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

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WEATHER

Thursday

Mostly Sunny
chance of rain 0%



44° | 23°

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STREET TALK

How do you stay healthy during cold and flu season?

"I use hand sanitizer, wash my hands frequently, and stay bundled up."



Chip Hollimon
Family member

"I take my vitamins and got my flu shot early. It's kind of hard [to stay healthy] when you're in retail, but I try my best."



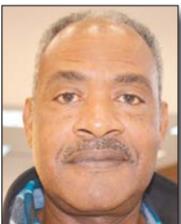
Betty D'Angelo
Exchange

"I got my flu shot early and I drink lots of water and orange juice."



Lela Young
Military analyst

"The main thing is to wash my hands whenever I can and to refrain from putting my hands in my mouth after I've touched surfaces. And generally try to eat healthy."



Clarence Brooks
Retired military

"Just by eating right. I'm trying to eat a lot of vegetables and fruits and taking a lot of vitamin C and my multi-vitamin."



Delissa Carline
CERDEC

Thanksgiving safety tips

By **RON KRAVITZ**
Installation Safety Office

The Installation Safety Office wants everyone to have a safe and happy holiday. The following safety tips will help you arrive at your Thanksgiving destination safely, as well as ensure food is prepared properly and your furry family members don't bite off more than they can chew.

Plan travel early

For those traveling to visit Family, by planning ahead, applying common sense and adhering to the following driving tips, we can all create safer driving conditions on the roadways.

- Figure in extra driving time to make it to your destination, plan to travel during daylight and travel with another person, if possible.
- Check weather and road conditions before departing and notify friends and family of your travel plans.
- Dress warmly, wearing layers of loose-fitting, layered, lightweight clothing.
- In case of emergency, keep these items in your vehicle at all times: a blanket, booster cables, road flares, flashlight, bottled water, high energy munchies, gloves, stocking cap and boots, windshield scraper, tow strap and first aid kit.

Preparing the meal

Food poisoning puts quite a damper on any occasion. Be sure to follow proper guidelines when preparing, cooking and enjoying your Thanksgiving meal.

- Do not thaw a turkey on the kitchen counter. The turkey becomes the perfect breeding ground for dangerous levels of bacteria at room temperature that cooking may not destroy.
- Stuffing should be prepared immediately prior to stuffing the turkey and you should only put stuffing in the turkey

once it's ready to cook.

- Use a meat thermometer to ensure the thickest part of the turkey has reached 180 degrees Fahrenheit. If the turkey is done ahead of time, it can be safely kept warm in the oven at 200 degrees. Check to make sure the turkey's internal temperature doesn't fall below 140 degrees.

- Leftovers should be covered and placed in the fridge within two hours and enjoyed within three to four days. Gravy only keeps for two days. If you plan to freeze leftovers, freeze them immediately after the meal.



Pet safety

Pets enjoy when holiday guests come to visit, especially with bits of this and that dropping on the floor. Just because we try to pack away all we can doesn't mean our dogs should, and there are certain foods that should not be given to pets.

- Make sure your pup gets plenty of exercise before the festivities start so they're more likely to run out of energy before the feast.

- Don't leave plates with cooked turkey bones lying around, including bones picked clean. Cooked turkey bones are sharp and potentially very dangerous to your dog, or any other pet. A turkey bone can lodge itself in your dog's digestive system for days before you realize it.

- Turkey skin can wreak havoc on a dog's digestive system, so make sure meat scraps for fido are skinless and boneless. It's also important to note that several cooking herbs like sage can cause upset stomach and nervous system depression in dogs as well.

- Onions and garlic are toxic to dogs and cats. Keep both out of reach and don't give them any foods containing either.

For more Thanksgiving safety tips, visit www.nhtsa.gov, www.cdc.gov/features/turkeytime/ or www.aspc.org/pet-care/thanksgiving-safety-tips.

"Why We Serve" event set for Nov. 25

By **RACHEL PONDER**
APG News

The "Why We Serve" campaign kick off is set for Nov. 25 at the Myer Auditorium from 10 to 11:30 a.m. The theme for this event is "Restoring our Commitment to the Profession."

Maj. Gen. Bruce T. Crawford, APG senior commander and commanding general of the Communications-Electronics Command, will host the event.

During the campaign kick off, enlisted Soldiers, Army officers and DOD civilians will re-take their respective oaths of service.

The event will include remarks by Crawford and Carolyn Collins, director of the Army's Sexual Harassment/ Assault Response and Prevention (SHARP) program and patriotic musical performances. The 3d U.S. Infantry Regiment (The Old Guard) will present the colors.

Crawford said the event gives attendees the opportunity to reflect on what it means to serve as a professional with high standards, values and ethics.

"Ultimately, the 'Why we Serve' campaign is about remembering the commitment we all made to serve in the most respected profession on earth," he said. "As trusted professionals we have an inherent responsibility to honor the solemn promise when we raised our right

hand and swore allegiance to our nation."

Kristopher Joseph, a CECOM public affairs specialist, said the campaign is also about improving the quality of life for the entire military community. He said Collins was selected as the event's guest speaker because eliminating sexual harassment and assault is a top priority within the Army.

"Another purpose of the 'Why We Serve' is to get after the issues that hurt the military community such as suicide, sexual assault and other acts of indiscipline that bring down morale and productivity," Joseph said. "By remembering why we serve, we can all improve the quality of life of our workplace and community."

Crawford said the intent of the campaign is to create permanent and ongoing discussion by incorporating the message into other initiatives and programs already in place.

"With 'Why We Serve' we have the opportunity to discuss all the values that we hold dear as Americans, and that as members of the Army, we are the

standard-bearers and protectors of those values," Crawford said. "If we can change the culture and restore deep pride in service, our team of Army professionals will be better equipped to face the challenges of the future."

Ultimately, the 'Why we Serve' campaign is about remembering the commitment we all made to serve in the most respected profession on earth. As trusted professionals we have an inherent responsibility to honor the solemn promise when we raised our right hand and swore allegiance to our nation.

Maj. Gen. Bruce T. Crawford
APG Senior Commander



Want to make a difference in how services are rendered at APG? Tell us how we are doing. Visit <http://ice.disa.mil>. Click on "ARMY" then "Aberdeen Proving Ground."

APG SEVEN DAY FORECAST

Thurs	Fri	Sat	Sun	Mon	Tue	Wed
44° 23°	36° 23°	42° 32°	55° 50°	66° 50°	55° 36°	48° 31°

APG NEWS

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Editor Amanda Rominecki at amanda.r.rominecki.civ@mail.mil, contact Assistant Editor Yvonne Johnson, 410-278-1148 or email yvonne.johnson5.ctr@mail.mil, or contact Reporter Rachel Ponder, 410-278-1149 or email rachel.e.ponder2.ctr@mail.mil.

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

Staff

APG Senior Commander ..Maj. Gen. Bruce T. Crawford
APG Garrison Commander .. Col. Gregory R. McClinton
Public Affairs Officer Kelly Luster
Editor Amanda Rominecki
Assistant Editor..... Yvonne Johnson
Contract Photojournalists..... Rachel Ponder
..... Stacy Smith
Graphic Designer/Photographer Molly Blossie
Website www.TeamAPG.com/APGNews

APG honors veterans as 'Soldiers for Life'

By **RACHEL PONDER**
APG News

Team APG honored the service and sacrifice of the nation's veterans during the Veterans Day ceremony at the APG North (Aberdeen) post theater Nov. 12.

Ceremony highlights included a performance by the U.S. Army Drill Team, from the HHC, 4th Battalion, 3d U.S. Infantry Regiment (Old Guard).

The program's emcee, Sgt. 1st Class Joseph Conway, of the U.S. Army Test and Evaluation Command, told attendees that "veterans are a precious commodity."

"Veterans of all wars share a kindred spirit - the love of country, the love of freedom and the willingness to sacrifice everything," he said.

APG Senior Commander Maj. Gen. Bruce T. Crawford, commanding general of the U.S. Army Communications-Electronics Command, told attendees about "Soldiers for Life," a campaign created by the Army Chief of Staff Gen. Raymond Odierno to ensure that veterans and their Families successfully reintegrate after they leave the Army. He added that many military veterans continue to serve their country as DOD civilians and contractors.

"Our veterans are not just in our communities, in many cases our veterans are our communities," he said. "Mere words cannot express how appreciative I am of what you have done for this nation."

Crawford introduced the audience to World War II veteran Francis Sparr, a



Retired Col. Walter (Wally) Mueller, a Vietnam veteran, delivers an emotional message during the annual Veterans Day ceremony at the APG North (Aberdeen) post theater Nov. 12.
Photo by Gregory Mahall

D-Day survivor and a recipient of two Bronze Stars and two Purple Heart medals.

After meeting Sparr at a local restaurant, Crawford sent him a personal invitation to the ceremony, which Sparr said he plans to frame.

"Being recognized like this is one of the nicest things that ever happened to me," Sparr said proudly. "I am still part of the Army after being out 69 years."

Retired Col. Walter (Wally) Mueller was the guest speaker. Mueller's military assignments included a tour in Vietnam as a dustoff pilot with the 498th Air Ambulance Company. From 2001 to 2006, he was the deputy director of the Maryland Emergency Management Agency in Reisterstown. In retirement, he is an active

member of American Legion Post 39 in Bel Air as well as Vietnam Veterans of America Chapter 588.

During his speech, Mueller said veterans continue to serve their country after they leave the military.

"Veterans, we are not victims, we are victors," he said. "All veterans are victors in what they have accomplished."

Mueller introduced his "friend and personal hero," James "Jim" Monaghan, a World War II veteran and a D-Day survivor. After the war, Monaghan spent more than 30 years as a state trooper and over 8 years as the Bel Air chief of police.

Mueller also recounted the heroic actions of retired Army colonel Bill Badger, who received a gunshot wound to

the head while helping to disarm the gunman who shot U.S. Representative Gabrielle Giffords, in Tucson, Arizona in 2011. Mueller said Badger was his boss when he worked at APG in the late 1970s.

"He had a stroke based on the gunshot wound to the head," he said. "But he is still serving."

The program included a video tribute to the helicopter crews of the Vietnam War. Lt. Col. Jerry Owens, installation chaplain, presented the invocation and benediction and garrison Pfc. Stacy Dobson, sang the national anthem.

After the ceremony, Vietnam veteran Joe Wiest, from the APG Civilian Personnel Advisory Center, called the program "outstanding."

"The message was very emotional, very true, and very necessary," he said.

Michael L. Brown, who retired from the Army in 2009, appreciated that veterans ranging from World War II to the Afghanistan and Iraq wars were in attendance and were recognized.

"I thought that the program was outstanding, it was lovely," he said. "It is critical that we recognize their service. We should never forget."

Monaghan, who traveled to the ceremony with Mueller, said he attends military ceremonies whenever he has the opportunity.

"I thought the program was wonderful," he said. "It's great that they do this for veterans."

No greater honor

Staff Sgt. Willie Houston, far right, and Kirk U.S. Army Health Clinic color guard members, from left, Spc. Tracy Glover Jr., Spc. DeVante Moses, Sgt. Zi Liu and Spc. James Paganini, salute after posting the colors during the City of Aberdeen Veterans Day ceremony Nov. 11.

Photo by Yvonne Johnson



Owlett commended for life-saving skills

By **ROGER TEEL**
RDECOM Public Affairs

For his role in saving the life of a 60-year-old man whose heart had stopped beating, an Army contractor was recently commended by the Baltimore County government.

Andrew Owlett, an Innovative Emergency Management employee who works in the U.S. Army Research, Development and Engineering Command operations center, was a member of the Owings Mills Fire Department when he responded to an emergency call on Dec. 6, 2013.

“When you’re in the fire department some incidents just stand out,” Owlett said as he recalled the events of that day.

“This one stood out because I had just started talking to my current girlfriend a couple days before. It was the end of my shift, and I was ready to go home and talk to Sydney.

“But the bells rang in the fire station and I went on the call. It was pouring rain,” he said.

The call took the first responders to the rear of a building in Owings Mills.

“He’s not breathing! He’s not breathing!” one of the guy’s co-workers was yelling when we arrived,” Owlett recalled.

“He had come from a Christmas party and had gone to get in his truck when his heart just stopped. He was lying in the middle of the road in the pouring rain,” he said.

“We got him in the back of the ambulance and did all the resuscitative efforts. We did CPR and used the various drugs and the defibrillator.

“The biggest thing with this guy is that his heart had stopped for between five and 10 minutes. He had a heart attack. He

was unresponsive. His heart stopped, so he was dead.

“We definitely caught him at a critical time,” Owlett said.

Because of the timely efforts by the Owings Mills first responders, the man miraculously made a full recovery.

“He had no brain loss, no neurological deficit. He’s walking around today with his family,” Owlett said. “He definitely had a higher power watching out for him that day.”

Owlett and other members of the Owings Mills Fire Department who responded were officially commended Oct. 23 by Baltimore County government officials and the Baltimore County fire chief.

“This was certainly my biggest accomplishment over the past eight years, because that just doesn’t happen. The percentages are so small, between one and five percent for a person whose heart stops to make a complete recovery.”

Owlett’s path to saving lives began when he was 11-years-old in Morristown, New Jersey. His sister, Ashley, an infant at the time, had stopped breathing. Owlett remembers riding in

the front of the ambulance as she was rushed to the hospital.

“I thought this is really cool, not that my sister was in the back, but all they did in the ambulance was really cool,” he said.

Ashley made a complete recovery, he said, and is now a standout athlete playing volleyball on her middle school team.

After this early exposure to emergency responders, Owlett pursued training and sought to become a volunteer fireman.

“I was looking for what I could do after that and, in New Jersey, I couldn’t. But we moved to Maryland in 2006, and I was 16 when I got my Emergency Medical Technician certification.

“My mom was hesitant when I started,” he added.

“You’re going to be seeing crazy stuff. I don’t know if you can handle that,” he said his mother, Donna Owlett said.

“And my dad, Steven Owlett, said, ‘Of course he can handle it. He needs to grow up and this is one way to help him grow up faster.’”

“So I started sticking people with needles when I was 17 and a half, and

became a firefighter in 2010.”

Once a fireman, Owlett volunteered for leadership roles. He became a training leader in Emergency Medical Services and Rescue-related areas, and has since added dealing with hazardous materials and anti-terrorism training specific to first responders.

“I got my foot in the door, and I fell in love with it,” he said.

Owlett has been employed by IEM since August 2013, progressing from a part-time employee to full-time in a few months. He hopes to eventually phase into an emergency management position, but is now gaining experience as an operations officer with RDECOM. His ultimate goal, he said, is to be an emergency manager for a major metropolitan jurisdiction.

“I’m still a volunteer firefighter in Hereford, in northern Baltimore County,” he said, adding that he checks in at the station once a week.

“I plan on volunteering for as long as I’m physically able. I primarily teach anti-terrorism classes now. I also go on the fire engine and in the ambulance.

“My biggest take-away from the December 2013 event is that it can happen to anyone at any time. It doesn’t matter who you are or what health conditions you may have. You can have none, or have a ton, and it just doesn’t matter. Your heart can do whatever it wants at any time,” he said.

“CPR really does save lives,” Owlett emphasized. “Here at APG they have a lot of free CPR classes. I always encourage people to attend because you never know when something is going to happen.”

“It doesn’t matter who you are or what health conditions you may have. You can have none, or have a ton, and it just doesn’t matter. Your heart can do whatever it wants at any time. CPR really does save lives.”

Andrew Owlett
RDECOM contractor

Leave Donations

Employees eligible for donations in the Voluntary Leave Transfer Program

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

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ALL THINGS MARYLAND

Education, conservation, recreation on the Chesapeake

Local center highlights wonders of largest estuary in US



By **RACHEL PONDER**

APG News

Just off of Route 40 in Abingdon is the Anita C. Leight Estuary Center. Located on Otter Point Creek, this center offers public programs for all ages including nature hikes, pontoon boating, canoeing, arts and crafts and hands-on science activities throughout the year.

"I always tell people an estuary center is a nature center dedicated to water," said Kriste S. Garman, park manager. "We teach about the Chesapeake Bay and its watershed."

Through partnerships with Harford County Parks and Recreation and the Chesapeake Bay National Estuarine Research Reserve (CBNERR), the center offers public, private and school activities. Garman said most programs are designed for the whole family to enjoy.

"We are trying to get families outdoors, together," she said.

Garman added that a successful ongoing program for adults is "Nature and Nosh," an informal educational lecture series presented by local scientists and educators.

The visitor center, open Thursday to Sunday, features hands-on exhibits about the Chesapeake Bay ecology. The center's Discovery Room has a 300-gallon freshwater pond home to turtles and other critters native to the area. Admission to the center is free.

The center grounds include three miles of walking trails and are open every day, from dawn to dusk. Visitors can also take self-guided canoe and kayaking trips, if



Courtesy photo

(Clockwise, from left) Nature enthusiasts canoe on Otter Point Creek, an activity hosted by the Anita C. Leight Estuary Center; a double-crested cormorant rests on a tree limb; an otter hunts for fish.

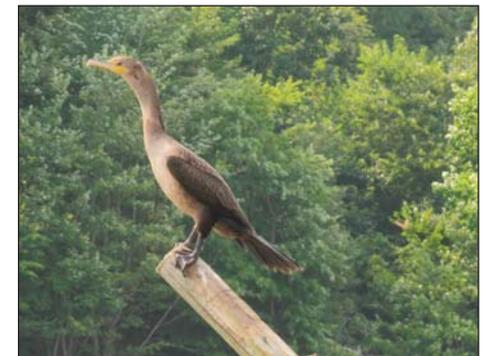


Photo by Bryon Bodt



Photo by Bryon Bodt

they have their own equipment.

"People from Harford County are always looking for places they can get on the water, because a lot of it is off limits," she said.

According to the center's website, the estuary's mission is to increase awareness, understanding and appreciation of estuarine ecosystems through research, monitoring and education, which is achieved through the center's partnership with CBNERR. Garman

said volunteers help with the center's research projects.

They monitor amphibians, reptiles, fish, bay grasses and water quality. She said the programs offer an opportunity for participants to become involved in real data collection, which is used to help land managers make informed decisions.

In addition to research opportunities, Garman said the center's lab programs are a great way to get children excited about STEM (science, tech-

nology, engineering and mathematics) subjects.

"We are always working to remind people that environmental science is part of STEM too," she said.

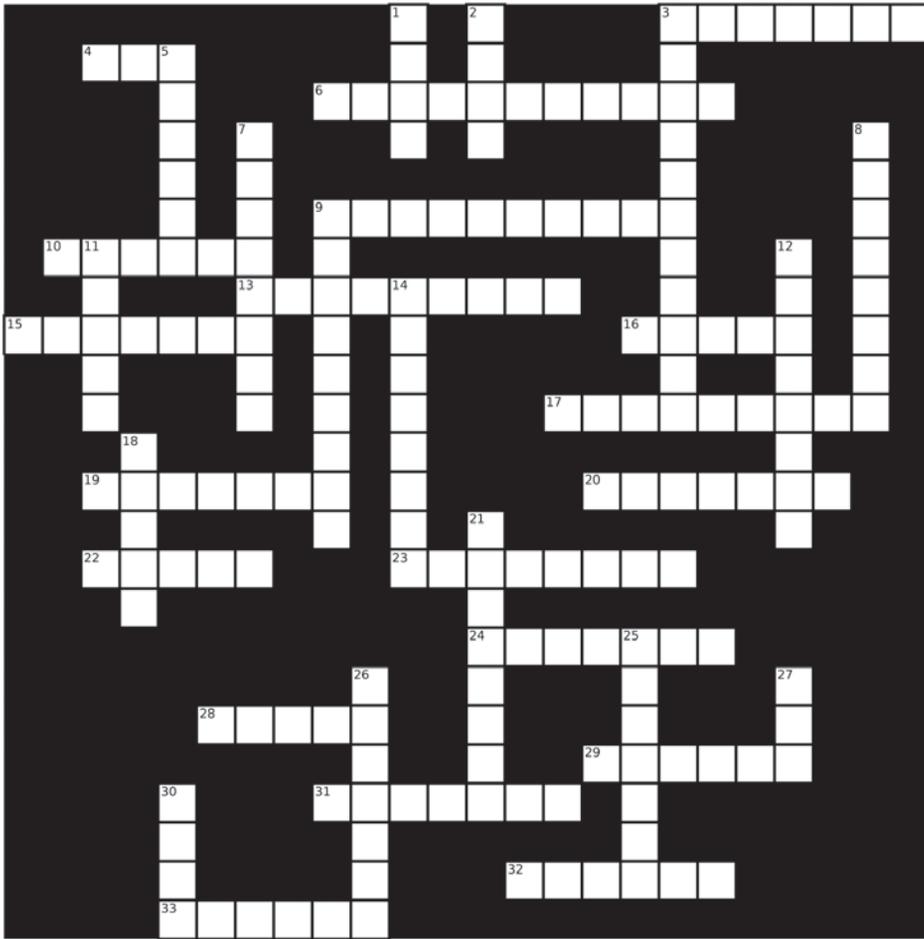
The Anita C. Leight Estuary Center was opened in 1996 and is located at 700 Otter Point Road, Abingdon, Maryland. Upcoming center programs include several holiday-themed activities. For more information, visit www.otterpointcreek.org, or call 410-612-1688.



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

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

The APG Crossword



By **STACY SMITH**, APG News

A chill in the air has many of us craving mom's home cooking. See if you can identify these wintry, comfort foods. Some are popular, regional dishes and others are commonly found at the grocery store this time of year. Good luck!

Across

- 3. Popular New England dish.
- 4. A starch native to Africa and Asia.
- 6. The Nutcracker leads an army of these men against the Mouse King in Tchaikovsky's ballet.

- 9. A hybrid between a mandarin and a sweet orange.
- 10. Holiday beverage often containing brandy, rum or bourbon.
- 13. Fried ball made of cornmeal batter
- 15. Round symbol of fall and

Thanksgiving seasons.

- 16. Fermented beverage made from the juice of apples.
- 17. First word of Nat King Cole's "The Christmas Song."
- 19. This breakfast dish can be ground, steel-cut, crushed, or rolled.
- 20. Meat cut from the breast or lower chest of a cow.
- 22. An event in which a famous person is subjected to a public presentation of comedic insults, praise and outlandish stories.
- 23. Synonymous with 'filling'.
- 24. This bread is braided and eaten on religious holidays.
- 28. A frequent dish for cook-offs; can be spicy.
- 29. Food featured in classic TV commercial slogan: "Leggo my Eggo!"
- 31. Small, flat, baked treats highly popular during the holiday season.
- 32. Same name as a racquet sport played in a four-walled court.
- 33. The 'Irish Lumper' is a variety of this classic staple food.

Down

- 1. Small, sometimes sweet, bread or roll.
- 2. A combination of solid food ingredients in liquid, or to worry or feel agitated about something.
- 3. Native Americans used these to make dyes for clothing and blankets.
- 5. Individual-sized quick bread product, can be sweet or savory.
- 7. Fried confectionery; America runs on it.
- 8. Breakfast food best when

served hot with butter or gravy.

- 9. A type of dish based on cookware of the same name.
- 11. Popular dish that originated in Louisiana in the early 18th century.
- 12. This crumbly pie topping means 'sprinkle' in German.
- 14. The ancient Greeks made these for breakfast in the 5th century.
- 18. Pork breakfast food; dogs love it.
- 21. This summer squash containing vitamins A and C, potassium, folate, and fiber, can be found at the back of the alphabet.
- 25. Layered, oven-baked pasta and cheese dish.
- 26. This side dish derives from the Italian word for 'rice.'
- 27. 1 in 5 Americans have eaten an entire one of these by themselves.
- 30. Food featured in classic TV commercial slogan: 'Mmm Mmm, good!'

Solution to the November 13 puzzle



Carl, how popular is the APG Facebook page?

So popular, Fort Meade comes to us for updates



like us on facebook

www.facebook.com/APGMd



BY THE NUMB#RS

Join the Great American Smokeout

Try going smoke-free for 24 hours today, as a first step toward quitting for good.

133 billion

Dollars are spent each year in the U.S. in direct medical care related to smoking.

480,000

Deaths are a result of cigarette smoking in the U.S. each year. Smoking is the leading preventable cause of death in the country.

224,000+

New cases of lung cancer are expected to be diagnosed in the U.S. this year.

73,000+

Dollars would be saved over the next ten years by an individual who smokes two packs a day and decided to quit smoking today.

10

Minutes of moderate-intensity exercise are required to reduce nicotine cravings and improve mood.

1

Lung cancer's rank as leading cancer killer among men and women in the U.S.

By **STACY SMITH** APG News

Sources: www.cdc.gov, www.cancer.org, www.lung.gov, <http://www.ucanquit2.org/>



John Frank, Jr., DES Fire Inspector

By **STACY SMITH**, APG News

As a fire inspector for the Directorate of Emergency Services' Fire and Emergency Services Division, John Frank is part of the Fire Prevention Division team. The team is responsible for inspecting the installation's buildings to ensure they are operating in accordance with all applicable fire codes and safety standards.

Frank and his team members test fire alarms and mass notification and sprinkler systems. They conduct annual fire extinguisher training and teach area fire marshal courses as needed or upon request. The team also completes field surveys to verify that building modifications, renovations or change of ownership plans are executed in accordance with fire safety codes, and helps tenant organizations achieve compliance with these codes.

"With the way the post is expanding and the number of buildings being built or renovated, we are constantly viewing plans and conducting building fire safety code surveys," Frank said. "It entails a good bit of review on our part. If the tenant replaces a part of a fire alarm or

sprinkler system, the tenant or contractor needs to have the plan change approved by our team."

Frank said his favorite part of the job is interacting with people and getting to know the customers and tenants. He assists in training child and youth service staff in fire safety and prevention, and he built the child-sized combat challenge obstacle course that serves as a popular educational tool.

"Our team takes a concerned interest in making sure our child development centers and youth centers are inspected and have monthly fire alarm drills. We focus a lot of energy on the younger people on post," he said.

Frank has been in his current position since June 2014. He is also a crew chief with the Harford County HazMat Team, and has been with that team for 22 years. He began his career at age 16 as a volunteer firefighter and furthered his education through the University of Maryland Fire and Rescue Institute.

For more information, contact Frank, at 410-278-1125 or john.w.frank.civ@mail.mil.

How are we doing? E-mail comments and suggestions for the APG News to usarmy.apg.imcom.mbx.apg-pao@mail.mil



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

9/11 memorial ‘emotional,’ ‘eye-opening’

Continued from Page 1

inscribed on the memorial walls.

“My deployments to Iraq and Afghanistan since 9/11 pale in comparison to the bravery and sacrifice shown by the firefighters and first responders on that day,” said Sgt. 1st Class Joseph Conway, ATEC Army Evaluation Center. “I am forever humbled and can only hope to honor their selfless actions with my continued service.”

During the trip, the group also visited the museum where they learned about the engineering behind the construction of the twin towers in the 1960s and 70s, saw the buckled and melted steel that took a direct impact from the hijacked planes, walked along what remains of the steel framework still embedded in the towers’ original foundation and viewed artifacts donated by survivors or the family members of those who died 13 years ago.

“[The museum] became real personal when I saw the remnants of wallets, purses, etc. that belonged to the victims,” said Staff Sgt. Tracy Campbell, of RDECOM. “It was much more than I anticipated. I thought that we would only see the structure of the old towers.”

The historical exhibition of the museum chronicles, in detail, the events that led to the terrorist attacks on 9/11, the horrific and heroic events that day, the aftermath and life in a post-9/11 world. Like many others, Conway quickly discovered one could spend their entire trip to the museum in this exhibit alone.

“I found myself engrossed in the historical exhibition, reliving that day and the many more days of disbelief and despair that followed,” Conway said. “I lost track of time and wound up having



Photo by Amanda Rominiacki

On the right, Spc. Yukeria Johnson, 20th CBRNE Command, in red, and Spc. Desmond Hamlet, USAMRICD, in yellow, view what is left of the main support columns of the World Trade Center’s South Tower, still embedded in the original foundation, at the National 9/11 Memorial and Museum in New York City, Nov. 14. In the background, steel that took a direct impact from the plane on the North Tower’s 93rd-96th floors is on display.

to rush through the remaining portion of Foundation Hall. I will absolutely be returning with my family and spending an entire day there.”

For most of the Soldiers, this trip was their first visit to the memorial and a somber reminder of where they were on Sept. 11.

“[The trip] was a great experience because you remember where you were, what you were doing and really how far we have come to overcome the events of that day,” said Sgt. 1st Class Rickie Allen, an equal opportunity advisor at CECOM. “You’ll always remember where you were when you heard the

World Trade Centers were hit.”

“I was in Germany having a grand old time when the Towers were struck. After that day though my service to our country became very real,” Campbell said.

While only in the second grade on Sept. 11, Spc. Yukeria Johnson, of the 20th CBRNE Command, was moved by the memorial and the museum exhibits.

“The memorial and the museum were both so beautiful in design. I can tell a lot of thought went into the projects,” Johnson said. “I did not know I would be so emotional – to know I was standing where thousands of my fellow Americans died – it was very eye-opening.”

“It just reminds me that this is so much bigger than myself, I do this [serving as a Soldier] for my country,” she said.

Garrison Commander Col. Gregory McClinton and Garrison Command Sgt. Major Jeffrey Adams also attended the trip.

“The trip was very eye-opening,” said Adams. “You hear about them [the events of 9/11] but you can’t really imagine what it was like until you see first-hand.”

The CSSC hosts a Spirit of Thanks Tour each year for Soldiers at APG, traveling to different locations.

“This year the opening of the 9/11 Memorial and Museum resonated in so many ways with the mission of APG, the continued commitment of our Soldiers to serve their country and the patriotism that is prevalent in our community. When we reached out for sponsor support, it was warmly embraced. The experience was something everyone could get behind,” Holt said.

The CSSC hosted the trip to the 9/11 memorial with the help of several local sponsors.

Several retired service members, sponsor representatives and community leaders also took part in the trip.

“The added benefit of bringing Soldiers and community business leaders together for camaraderie, remembrance and reflection further reinforces the strong community and installation partnership we have here in the APG region,” Holt said.

For more information about the National 9/11 Memorial and Museum, visit www.911memorial.org.

For more information about the CSSC, visit www.apg-cssc.com.

See Something

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



Installation Watch Card

Awareness is key! Everyone is a sensor.

Do: Observe and Report

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

Do Not

- Discuss any aspect of military operations or planning.
- Discuss military capabilities or limitations.
- Discuss FP measures, capabilities, or posture.
- Disclose any information related to unit deployments.

Report any suspicious activity immediately to the APG Police.

APG North 410-306-2222

APG South 410-436-2222

Off post in Md. call 1-800-492-TIPS or 911

Your call may save lives!

Provided by the INTEL DIV/DPTMS

Say Something

'Tis the season' for OTC meds safety

By **STACY SMITH**
APG News

It starts with a snuffle or sneeze, followed by a cough, sore throat or fever. Cold and flu season is here, but before reaching for over-the-counter (OTC) medication, experts say consumers should make sure they know how to use them safely and effectively.

"I think the biggest misconception is that all medicine is good for everybody," said Cindy Scott, a prevention coordinator with the Army Substance Abuse Program (ASAP). "You have to know your symptoms, you have to know other medicines you are taking, and you have to know the interactions with alcohol. If [people] know those things when they're making a choice about what they're going to use, they will make a safer choice for themselves."

Many multi-symptom OTC medications contain non-steroidal anti-inflammatory drugs (NSAID), a class of drugs that provide pain-killing and fever-reducing effects. Common NSAIDs, such as aspirin and ibuprofen, can alleviate cold and flu symptoms, but may become dangerous when not taken properly.

"During the cough, cold and flu season, we see a marked increase in visits to the emergency room because of prescription misuse or abuse and an increase in calls to the poison control centers," Scott said, adding, "if you use products as directed, the chance of having a negative reaction is greatly reduced."



Courtesy photo

Here are some helpful tips that can help ensure the safe use of OTC medications:

- Always read the OTC Drug Facts label carefully. The label includes ingredients, recommended usage and dosage, and conditions when the product should not be taken, such as in combination with other health conditions.
- Do not take medicine in a greater dose or for a longer period of time than what the label recommends, unless you are under the supervision of a doctor.
- Choose a multi-symptom cold medicine which matches your symptoms (See under the section 'Uses' in the OTC Drug Facts label below).
- Talk to a healthcare professional before taking a multi-symptom cold medicine containing an NSAID if already taking another medicine containing an NSAID.

If you think you have taken or given too much of a medicine, immediately contact your doctor or the National Poison Control Helpline at 800-222-1222.

Contact your healthcare provider if you experience any of the following after taking OTC medications:

- vomiting
- bloody or black stool
- stomach pain that does not improve
- faintness
- fever that worsens or lasts more than three days
- pain that worsens or lasts more than 10 days

Parents with sick children may wish to alleviate their symptoms quickly, but should read product labels carefully and only purchase medications that are made especially for children.

"Childrens medicine is developed specifically for their bodies and how

they function. Assuming that a half dose of mom's medicine is going to work is very, very dangerous," Scott said.

If you are planning to purchase an OTC medication but are unsure if it's right for you, Scott recommends taking it to the pharmacy and explaining your situation. She said pharmacists are trained to know if OTC medications can interact negatively with other medications.

OTC medications can be expensive, but often help control symptoms so that those taking them can start feeling better. APG active duty military and retirees are eligible to receive an OTC prescription card that provides them with cold, flu and virus information and two free OTC medications every month.

For more information about OTC medication safety, contact ASAP prevention coordinator Cindy Scott at 410-278-4013, or cynthia.m.scott4.civ@army.mil. For information about the OTC prescription card, contact Kirk U.S. Army Health Clinic public health nurse Sue Singh at 410-278-1771 or sunaina.singh.civ@mail.mil.

(See chart below for an example on how to read OTC medicine labels)

Healthy Living

Healthy Living is a recurring feature in the APG News. It addresses health topics that matter most to our readers. To view more health topics and the Community Health Promotion Council calendar of events, visit the APG homepage www.TeamAPG.com. To suggest health-related topics for the Health Living series, email amanda.r.rominiecki.civ@mail.mil

Active ingredient

An active ingredient is the chemical compound in the medicine that works with your body to bring relief to your symptoms. It can always be found as the first item on the label.

Uses

Sometimes also referred to as indications, this section tells you the ONLY symptoms the medicine is approved to treat.

Warnings

This section will tell you what other medications, foods or situations to avoid (such as driving) when taking this medicine.

Take note...

If you are taking more than one OTC medicine, compare the active ingredients. Do not take two medicines with the same active ingredient unless instructed by your doctor, pharmacist or other healthcare professional.

Drug Facts

Active ingredient (in each caplet)

Acetaminophen 500 mg.....Pain reliever/fever reducer

Purposes

Uses

temporarily relieves minor aches and pains due to:

- Headache
- Backache
- the common cold
- menstrual cramps
- reduces fever
- muscular aches
- arthritis
- toothache

Warnings

Alcohol warning: If you consume 3 or more alcoholic drinks everyday, ask your doctor whether you should take acetaminophen or other pain relievers/fever reducers. Acetaminophen may cause liver damage.

Do not use with any other product containing acetaminophen

Stop use and ask a doctor if :

- new symptoms occur
- redness or swelling is present
- pain gets worse or lasts more than 10 days
- fever gets worse or lasts more than 3 days

If pregnant or breast-feeding, ask a health professional before use.

Keep out of reach of children. In case of overdose, get medical help or contact a Poison Control Center right away. Quick medical attention is critical for adults as well as for children even if you do not notice any signs or symptoms.

Drug Facts (continued)

Directions

- do not take more than directed

adults and children 12 years and over

- take 2 tablets every 4 to 6 hours as needed
- do not take more than 8 caplets in 24 hours

children under 12 years of age

do not use this product in children under 12 years of age; this will provide more than the recommended dose {overdose} and could cause serious health issues

Other information

- Do not use if carton is open or red neck wrap or foil inner seal is broken
- Store at room temperature
- See end panel for lot number and expiration date

Inactive ingredients

cellulose, cornstarch, FD&C Red #40, hydroxypropyl methylcellulose, magnesium stearate, polyethylene glycol, sodium starch glycolate

Questions or comments?

Call toll-free 1-XXX-XXX-XXXX

Did you know...

The pain relievers found in over-the-counter medicines are also added to many multi-symptom cold products.

Directions

The only recommended daily dosage or frequency of dosage will be listed here. You should follow this strictly. It's not just how much you take, but also how often.

Other Information

Any other important information about the product, such as how to store the medicine will be listed in this section.

Inactive Ingredients

An inactive ingredient is a chemical compound in the medicine that has no effect on your body. Preservative, items that will bind the pill together and food colors are listed here.

Questions or Comments

If you have any questions, comments or problems with the medicine, a toll-free number is printed here.

MARK YOUR CALENDAR

THURSDAY

NOVEMBER 20

FEDERAL EMPLOYEES HEALTH BENEFITS FAIR

A Health Fair for federal employees featuring health benefit carriers who will provide information about 2015 health plans will be held 9 a.m. to 1 p.m. at the APG South (Edgewood) recreation center, Bldg. E4140. Health Benefits Open Season is Nov. 10 to Dec. 8. To enroll or to change FEHB coverage, employees must contact the Army Benefits Center at <https://www.abc.army.mil> or call 1-877-276-9287.

JAZZ CONCERT

Music lovers won't want to miss the APG MWR Jazz Concert featuring Jazz Saxophonist Mindi Abair and Guitarist Nick Colionne at Top of the Bay. Abair has toured and/or recorded with the Backstreet Boys, Duran Duran, Adam Sandler, Lee Ritenour, Teena Marie, and others, and Colionne received the 2007 International Instrumental Artist of the Year Award at the Wave Jazz Awards and was named the Artist of the Year at the 2011 Rehoboth Beach Jazz Festival.

The show begins 7 p.m., doors open 5 p.m. Advance tickets cost \$25; \$35 the day of the show while supplies last. Tickets are on sale at Top of the Bay, Bldg. 30; call 410-278-5915 or purchase online at <https://webtrac.mwr.army.mil/webtrac/apgretrac.html>.

For more information, visit the APGMWR website at www.apgmwr.com or call 410-278-4011/4907.

FRIDAY

NOVEMBER 21

CECOM PRAYER LUNCHEON

The CECOM Unit Ministry Team will sponsor the APG Thanksgiving Prayer Luncheon 11:30 a.m. to 1 p.m. at the Myer Auditorium.

Music, food and an inspired message will be provided. The guest speaker is U.S. Army Material Command Chaplain (Col.) Scott R. Carson. For tickets or more information, contact the CECOM UMT Chaplain (Lt. Col.) Young Kim at 443-861-4353 or Staff Sgt. Carlos Vazquez at 443-861-4331.

TUESDAY

NOVEMBER 25

WHY WE SERVE EVENT

Team APG will host "Why We Serve: Restoring our Commitment to the Profession," 10 a.m. at the Myer Auditorium, Bldg. 6000.

The guest speaker is Carolyn Collins, HQDA Deputy Director of Army Sexual Harassment/Assault Response and Prevention (SHARP) Program, and the keynote speaker is Maj. Gen. Bruce T. Crawford, APG senior leader and commander of the U.S. Army Communications-Electronics Command.

Crawford said, "Why We Serve" is an event to bring our diverse military community together to remember the core reasons why we all chose to serve our great nation."

The event will include a live performance, exhibits and refreshments.

For more information, or for disability-related accommodations, contact Neslie Etheridge, CECOM EEO director, at 443-861-4355, neslie.a.etheridge.civ@mail.mil; or David Pickett, CECOM EEO specialist, at 443-861-4381 or david.b.pickett.civ@mail.mil.

TUESDAY

DECEMBER 2

CYBER SECURITY MASTERS DEGREE INFO SESSION

The CERDEC Human Capital Cell will offer a masters degree cohort in Cyber Security through Johns Hopkins University (JHU) in order to address the APG E&S workforce gap in cyber technologies.

An information session, open to qualified DA civilians, contractors and military, will take place at The University Center (formerly the Heat Center), 1201 Technology Drive, Aberdeen, MD 21001 from 11:30 a.m. to 1:30 p.m.

Those interested in the program should plan to attend the session as JHU professors and admission POCs will provide information and answer questions. Attendees may bring unofficial college transcripts to partake in the information session prescreening process.

For those unable to attend, or for more information, contact Natalie Grenoble at natalie.m.grenoble.civ@mail.mil or Victor Carrozzo at victor.a.carrozzo.civ@mail.mil.

DOD MILITARY SPOUSE SYMPOSIUM

The Department of Defense will host a Military Spouse Symposium 10 a.m. to 3 p.m. at the George Washington

University Marvin Center, 2121 I Street, NW, Washington, D.C. 20052.

This event will provide military spouses with resources, tools and career guidance to prepare for current and future employment opportunities. Certified Spouse Education and Career Opportunities (SECO) program career counselors and Military Spouse Employment Partnership (MSEP) hiring experts will be on hand to provide career counseling and resume reviews. Bring resumes.

Events include learning about MSEP hiring initiatives, Military Spouse Preference and exploring SECO opportunities and websites.

Remember to bring multiple copies of your resume. Call a friend and make a day of it!

For more information, go to <https://www.facebook.com/MCCDCFR0/posts/354653444709406>; to register, go to <http://www.cvent.com/.../event-summary-30aaf5ffee6b4842940279>.

WEDNESDAY

DECEMBER 3

COMMON HARDWARE SYSTEMS TECH EXPO

PEO C3T's Product Director Common Hardware Systems will host a Tech Expo 10 a.m. to 2 p.m., Bldg. 6008. The event is free and open to the entire APG community.

The CHS Tech Expo will provide a venue for program engineers and leadership to collaborate with COTS industry providers on current and future technologies. Industry vendors will demonstrate their new capabilities and cutting edge technologies that fit within the C4ISR tactical battle space, focusing on common, simple and effective solutions that map to Army priorities.

For more information, contact Joshua Graham at usarmy.apg.peo-c3t.mbx.pd-chs-helpdesk@mail.mil.

THURSDAY

DECEMBER 4

XTEND BARRE

The CECOM Wellness Program will host an Xtend Barre class taught by guest instructor Tracy Robinson 11:30 a.m. to 12:30 p.m. at the APG North (Aberdeen) Athletic Center, Bldg. 3300, racquetball court.

A fusion of dance, ballet and pilates, the session is open to installation employees, contractors and military. Space is limited to the first 18 in attendance. Those who attend should wear workout clothes (yoga pants or capris with a t-shirt or tank top, as well as gym socks or socks with rubber grips; shorts are discouraged).

For more information, contact Tiffany Grimes at 443-861-7901 or tiffany.l.grimes.civ@mail.mil

THURSDAY

DECEMBER 11

EATING HEALTHY FOR THE HOLIDAYS

The CECOM Wellness Program will host a Healthy Eating for the Holidays Informational Session from noon to 1 p.m. at the Mallette Mission Training Facility, Bldg. 6008, Classroom 5.

The session will provide helpful tips on how to eat healthier over the holidays and how to deal with holiday stress without overeating. The session will also highlight holiday meal planning, recipe modification, alternate food choices, strategies for healthy eating away from home, and how to stay active during this holiday season.

The class is open to installation employees, contractors and military members, and seating is limited to the first 30 in attendance.

For more information, contact Tiffany Grimes at 443-861-7901 or tiffany.l.grimes.civ@mail.mil.

ONGOING

NOVEMBER

APG CFC MOUSTACHE COMPETITION

All APG military, civilians and contractors are invited to participate in a moustache competition to benefit the APG Combined Federal Campaign. Facial hair will compete in four categories: "Best Natural Moustache," "Best Styled Moustache," "Best Fake" and "Worst in Show."

There is no entry fee but a donation to the charity of your choice via the CFC is recommended.

In addition to individual submissions, groups of employees are encouraged to share photos of their teams, groups, organization or units in "full moustache."

Those wishing to participate must sign up by Nov. 14. Visit <http://www.signupgenius.com/go/20f0d4baf28a2f58-2014> to register.

Entry photos are due no later than Nov. 24. Winners will be announced no later than Dec. 5.

For more information or to submit a photo contact Capt. Mary Hubbard at mary.j.hubbard.civ@mail.mil and Staff Sgt. Frank Rodriguez at frank.p.rodriguez10.mil@mail.mil.

NOVEMBER

TRICARE INFORMATION SESSIONS

Kirk U.S. Army Health Clinic has arranged for a TRICARE representative to provide information and answer questions at APG at the following dates and locations:

Monday, Nov. 24: TRICARE Information Table - APG ID Card Office - 8 a.m. to 4 p.m.

Tuesday, Nov. 25: TRICARE Retirement Briefing - KUSAHC Ortiz Training Clinic - 3 p.m.

For more information, contact Kisha York, TRICARE education specialist, at kisha.a.york@healthnet.com

NOVEMBER

APG VET CLINIC SURVEY

The APG Veterinary Clinic is asking for feedback from the APG community regarding the clinic's hours of operation. Feedback from this survey will be used to determine if there is a demand for expanding or altering the current hours of the facility.

Active duty, retirees, National Guard and Family members are asked to fill out one survey per household.

The survey is three questions long and can be found at this link until the end of November: <https://www.surveymonkey.com/s/7G2QRXR>

NOVEMBER & DECEMBER

TOBACCO CESSATION CLASSES

The Harford County Health Department Cigarette Restitution Fund will host Tobacco Cessation Classes at the APG North (Aberdeen) chapel.

The classes are free of charge and open to any adult user who requests assistance in quitting. Nicotine replacement products will be offered at no cost but require a physician referral form that must be filled out by an individual's primary care physician prior to the class.

Classes will be held 1 to 2 p.m. each Wednesday through Dec. 10. Class will not be held Wednesday, Nov. 26.

For more information, contact Brenda Urban at 410-278-2739 or Linda Pegram, Harford County Health Department instructor, at 410-612-1781.

NOV. 9 – DEC. 3

KIRK OPTOMETRY CLINIC CLOSED

The Kirk U.S. Army Health Clinic Optometry Clinic will be closed until Dec. 3.

For more information, contact Keonya Huggins at 410-278-1918 or Sgt. Eric Tieman at 410-278-1920.

CPR, AED CLASSES SCHEDULED

The APG Fire and Emergency Services Division of the Directorate of Emergency Services has released its schedule for CPR and automated external defibrillator (AED) classes for 2014. Two classes will be held the third Wednesday of each month at 9 a.m. and 1 p.m. in the same location.

Dec. 17, Edgewood Conference Center

Class size is limited to 30 participants. For more information or to register, contact Mike Slayman, assistant chief of EMS, at 410-306-0566 or e-mail michael.p.slayman.civ@mail.mil.

DRAFT EDGEWOOD ENVIROMETAL ASSESSEMNT OPEN FOR COMMENTS

The Army has prepared a Supplemental Environmental Assessment (EA) for the potential environmental and socio-economic effects associated with the proposed amendments to the Edgewood Area Thermal Energy Strategy.

The Draft EA and Public Notice are available for review on the APG Website. Visit www.teamapg.com, click "Installation Policies" on the lefthand navigation panel and scroll down to "Public Notice."

The environmental assessment is also accessible by typing the following URL your internet browser: <https://www.apg.army.mil/PDFs/Supplemental%20Environmental%20Assessment%20for%20the%20Edgewood%20Area%20Thermal%20Energy%20Strategy>.

Comments will be accepted until Dec. 4 and can be addressed to:

USAGAPG, ATTN: Arnold O'Sullivan

4304 Susquehanna Avenue
3d Floor Suite B
Aberdeen Proving Ground, MD
21005-5001

FIREWOOD AVAILABLE

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

INSIDE APG

APG commanders and subject matter experts will discuss topics of interest to the local community every Saturday and Wednesday at 7:50 a.m. during "Inside APG: Creating One Community Without a Gate," a monthly radio series on 970 WAMD. For more information about the series, to schedule or request an interview, call the Garrison Public Affairs Office at 410-278-1150. For previous interviews, follow these links: <http://youtu.be/a8vuMdxmG50>; <http://youtu.be/se7hTkwmbO8>

REPORT POWER OUTAGES TO CORVIAS MILITARY LIVING

During severe weather, all residential power outages should be reported to the Neighborhood Office at 410-305-1076. This will allow staff to determine if the outage is widespread or specific to the home and coordinate the responsible provider to restore power.

In the event a neighborhood office loses power, the phone system may also be affected. If the office cannot be reached, residents should call the following toll-free numbers to report outages and maintenance emergencies. Calls to the toll-free number will directly connect residents to the emergency on-call service.

APG: 1-866-958-5412

Patriot Village: 1-866-871-6257

NH Office: 410-305-1076

HOT WORK PERMIT

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

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

Please try to give 24 hours notice prior to the work or event. Leave a message if there is no answer. The inbox is checked throughout the day.

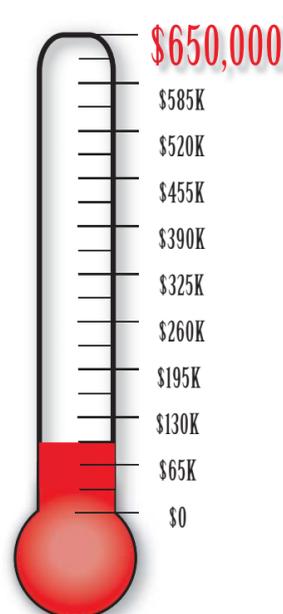
For more information, call 410-306-0001.

MORE ONLINE

More events can be seen at www.TeamAPG.com

Combined Federal Campaign

Team APG Goal



Visit www.cbacfc.org to make a contribution to the organization of your choice today.

For more information, contact Mary J. Hubbard at 410-436-6277 or mary.j.hubbard.civ@mail.mil

THIS WEEK IN APG HISTORY

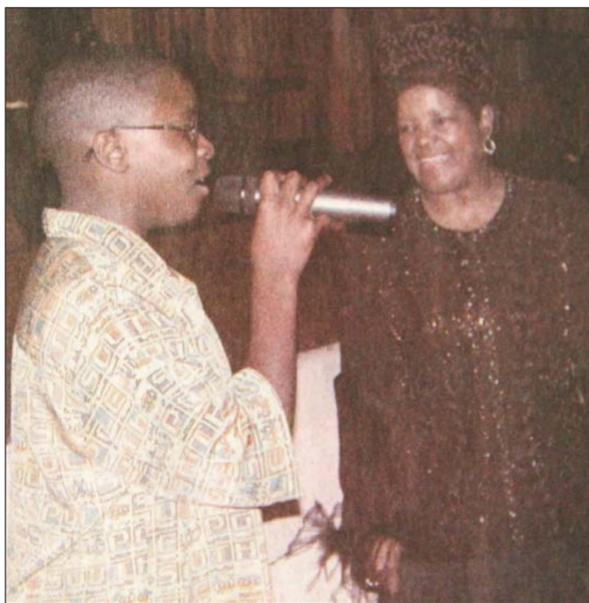


Take a look back in time as the APG News explores what made the headlines around APG during this week 10, 25 and 50 years ago. This week's APG News masthead is from 1981.

By **YVONNE JOHNSON**, APG News

2015
2010
2000
1990
1980
1970
1960
1950

10 Years Ago: Nov. 18, 2004



Above: Gospel singer Shirley Caesar, right, looks delighted as she listens to 12-year-old Darnell Shaw sing her favorite song during her concert at the post theater.



Right: Garrison Commander Col. John T. Wright helps Drezha Daniels, left, and Caitlyn Wamack, right, plant a tree at the Army Community Service building for the National Plant the Promise campaign.

25 Years Ago: Nov. 22, 1989



Left: Lt. Col. Michael McCoy, left, and Brig. Gen. James Ball, chief of Ordnance, center, listen as Staff Sgt. Jeff Drymiller explains the purpose of the "My Baby McCoy" M88 recovery vehicle training aid.



Right: Red Cross volunteer Barbara Davies, right, teaches trainee Perry Moore, left, filing procedures at the Edgewood Troop Medical Clinic.

50 Years Ago: Nov. 19, 1964



Above: Stenographer Audrey MacDonald, left, registers Joseph McGlone of the U.S. Army Test and Evaluation Command for the Combined Desert Tropic Test Planning Conference.



Right: The APG honor guard raises a replica of the Fort McHenry Battle Flag during a Veterans Day ceremony at the Aberdeen Veterans of Foreign Wars post.

2014 Thanksgiving Holiday Schedule

ACTIVITY	THU Nov. 27	FRI Nov. 28	SAT Nov. 29	SUN Nov. 30
FITNESS				
AA ATHLETIC CENTER	8 a.m. - 4 p.m.	8 a.m. - 4 p.m.	8 a.m. - 4 p.m.	8 a.m. - 4 p.m.
AA Health & Fitness Ctr (302)	CLOSED	CLOSED	CLOSED	CLOSED
EA HOYLE GYM/FITNESS CTR	8 a.m. - 4 p.m.	8 a.m. - 4 p.m.	8 a.m. - 4 p.m.	8 a.m. - 4 p.m.
COMMUNITY SERVICES/CHILD CARE				
ARMY COMMUNITY SVS	CLOSED	CLOSED	CLOSED	CLOSED
CHILD & YOUTH SERVICES*	CLOSED	CLOSED	CLOSED	CLOSED
CORVIAS Housing Office	CLOSED	CLOSED	CLOSED	CLOSED
RECREATION				
AA RECREATION CENTER	CLOSED	CLOSED	CLOSED	CLOSED
EA RECREATION CENTER	CLOSED	CLOSED	CLOSED	CLOSED
BOWLING & SNACK BAR	CLOSED	CLOSED	CLOSED	CLOSED
RUGGLES GOLF COURSE	CLOSED	8 a.m. - 5 p.m.	8 a.m. - 5 p.m.	8 a.m. - 5 p.m.
EXTON GOLF COURSE	CLOSED	CLOSED	CLOSED	CLOSED
SELF SERVICE				
AUTO SKILLS SHOP	CLOSED	9 a.m. - 5 p.m.	9 a.m. - 5 p.m.	9 a.m. - 5 p.m.
OUTDOOR & EQUIPMENT CENTER	CLOSED	CLOSED	CLOSED	CLOSED
LIBRARY	CLOSED	CLOSED	CLOSED	CLOSED
MWR LEISURE TRAVEL	CLOSED	CLOSED	CLOSED	CLOSED
FOOD & BEVERAGE				
NORTH SIDE GRILL/1SG BBQ	CLOSED	CLOSED	CLOSED	CLOSED
SOUTH SIDE GRILL	CLOSED	CLOSED	CLOSED	CLOSED
TOP OF THE BAY	CLOSED	CLOSED	CLOSED	CLOSED
BOWLING'S STRIKE FORCE CAFÉ	CLOSED	CLOSED	CLOSED	CLOSED
SUTHERLAND GRILLE	CLOSED	CLOSED	CLOSED	CLOSED
EXTON	CLOSED	CLOSED	CLOSED	CLOSED
DONNA'S PIT BEEF	CLOSED	CLOSED	CLOSED	CLOSED
GROCERY				
Commissary	CLOSED	CLOSED	9 a.m. - 6 p.m.	Regular Hours
	Mon, Nov. 24 open 10 a.m. - 7 p.m.		Mon, Dec. 22 open 10 a.m. - 7 p.m.	
MEDICAL/DENTAL				
Kirk Clinc	CLOSED	CLOSED	CLOSED	CLOSED
DENTAC	CLOSED	CLOSED	CLOSED	CLOSED
APG Veterinary Clinic	CLOSED	8 a.m.-4 p.m. Customer Service	CLOSED	CLOSED
HUMAN RESOURCES				
SJA / LEGAL	CLOSED	9 a.m. - 3 p.m.	CLOSED	CLOSED
MILPO/ ID CARD/ RETIREMENT	CLOSED	Regular Hours	CLOSED	CLOSED
SHOPPING (AAFES)/VENDOR SERVICES				
MAIN EXCHANGE	CLOSED	Black Friday: 4 a.m. - 6 p.m.	6 a.m. - 4 p.m.	10 a.m. - 4 p.m.
GNC	CLOSED	9 a.m. - 6 p.m.	10 a.m. - 4 p.m.	11 a.m. - 4 p.m.
BARBER SHOP	CLOSED	9 a.m. - 6 p.m.	10 a.m. - 4 p.m.	10 a.m. - 4 p.m.
OPTICAL	CLOSED	10 a.m. - 5 p.m.	10 a.m. - 3 p.m.	CLOSED
Laundry/Dry Cleaners	CLOSED	10 a.m. - 5 p.m.	10 a.m. - 3 p.m.	CLOSED
Lunch Box	CLOSED	Black Friday: 4 a.m.-3:30 p.m.	CLOSED	CLOSED
Melvins Auto	CLOSED	CLOSED	CLOSED	CLOSED
APG Express (Shoppette)	CLOSED	10 a.m. - 7 p.m.	10 a.m. - 7 p.m.	10 a.m. - 7 p.m.
APG Shoppette Subway	CLOSED	10 a.m. - 7 p.m.	10 a.m. - 3 p.m.	10 a.m. - 3 p.m.
Tim Hortons bldg 6002	CLOSED	CLOSED	CLOSED	CLOSED
Tim Hortons bldg 6008	CLOSED	CLOSED	CLOSED	CLOSED
Subway Bldg 6008 C4ISR	CLOSED	CLOSED	CLOSED	CLOSED
Subway EA	CLOSED	CLOSED	CLOSED	CLOSED
Pure Imagination EA	CLOSED	CLOSED	CLOSED	CLOSED
Burger King	CLOSED	6 a.m. - 5 p.m.	CLOSED	CLOSED
Edgewood Express (Shoppette)	CLOSED	9 a.m. - 3 p.m.	11 a.m. - 4 p.m.	11 a.m. - 4 p.m.
LOGISTICS READINESS CENTER-APG				
LRC-ABERDEEN	CLOSED	OPERATIONAL	CLOSED	CLOSED
Property Book Office	CLOSED	7 am - 4:30 pm	CLOSED	CLOSED
Property Book Warehouse	CLOSED	7 am - 4:30 pm	CLOSED	CLOSED
CIF	CLOSED	CLOSED	CLOSED	CLOSED
Installation ASP	CLOSED	CLOSED (RDO)	CLOSED	CLOSED
SSA / CRP	CLOSED	CLOSED (RDO)	CLOSED	CLOSED
DOL Fuel Station	CLOSED	7a.m. - 3 p.m.	CLOSED	CLOSED
TMP	CLOSED	CLOSED	CLOSED	CLOSED
PPPO	CLOSED	CLOSED	CLOSED	CLOSED
Carlson Wagonlit Travel CTO	CLOSED	8 am - 4:30 pm	CLOSED	CLOSED
Passenger Travel	CLOSED	CLOSED	CLOSED	CLOSED
Freight Office	CLOSED	CLOSED	CLOSED	CLOSED
Maintenance	CLOSED	CLOSED	CLOSED	CLOSED
GATES				
AA Rt 22	CLOSED	OPEN	CLOSED	CLOSED
AA Rt 715 / Vistor Center	Limited operation	Open/ 6 a.m. - 6 p.m.	Open/ 6 a.m. - 6 p.m.	Open/ 6 a.m. - 6 p.m.
AA Aberdeen	CLOSED	CLOSED	CLOSED	CLOSED
EA Wise Rd	CLOSED	CLOSED	CLOSED	CLOSED
EA Rt 24 / Vistor Center	Limited operation	Open/ 6 a.m. - 6 p.m.	Open/ 6 a.m. - 6 p.m.	Open/ 6 a.m. - 6 p.m.
EA Magnolia	CLOSED	CLOSED	CLOSED	CLOSED

*CYSS Facilities are: Child Development Centers, Youth Centers/School-Age Services Programs & Family Child Care Homes; **AACDC Closed; ***For support services call 913-271-4245. For Army Emergency Relief, call Red Cross at 1-877-272-7337

WORD OF THE WEEK

Caprice

Pronounced: kuh-PREES

Part of speech: Noun

Definition:

1. a sudden, impulsive, and seemingly unmotivated notion or action; a sudden usually unpredictable condition, change, or series of changes
2. a disposition to do things impulsively
3. capriccio: a lively music composed freely and without adhering to the rules for any specific musical form

Synonyms:
fad, fancy, freak, humor, impulse, inconsistency, notion, whim

Use:

- One of the film's best assets is its lack of predictability and sense of caprice and possibility.
- Employees have complained of being at the mercy of the manager's every whim and caprice.
- Such indications of will were implicitly obeyed, or were translated by the worshippers as their own caprice or interest indicated.

By **YVONNE JOHNSON**, APG News
Source: <http://www.merriam-webster.com>; <http://www.dictionary.com/>

ACRONYM OF THE WEEK

FHWA

Federal Highway Administration



The Federal Highway Administration (FHWA) is an agency within the U.S. Department of Transportation that supports state and local governments in the design, construction and maintenance of the nation's highway system and various federally and tribal owned lands.

The FHWA is responsible for overseeing federal funds used for constructing and maintaining the National Highway System; overseeing funded projects to ensure federal requirements are adhered to; providing highway design and construction services for federal land-management agencies; performing and sponsoring research in roadway safety, congestion, highway materials and construction methods; and funding the dissemination of research results to local highway agencies.

The FHWA publishes the Manual on Uniform Traffic Control Devices (MUTCD), which governs traffic signs, signals and road surface markings. Gregory G. Nadeau is the acting administrator of the FHWA and Jeffrey F. Paniati is the executive director.

For more information, visit <http://www.fhwa.dot.gov/>

By **YVONNE JOHNSON**, APG News
Source: <http://www.fhwa.dot.gov/>

Heritage event honors service of Native Americans

Continued from Page 1

Anderson grew up on a reservation in southern Utah. She said she joined the military “to bridge the cultural gap” between her childhood and her new life outside the reservation.

“I decided to join the Army and develop my leadership skills and gain new ideas that would one day help the Navajo nation,” she said.

Anderson currently serves in the Army Reserve as the battalion commander for the 4th Battalion, 321st Regiment (Logistics Support Battalion) at Redstone Arsenal, Alabama and is attending the Army War College. She is a recipient of the Navajo Nations’ Veterans Medal.

“Being in the Army is my way of contributing to society and developing my personal goals and skills. A lot of what I learned in the Army has made me a better person,” Anderson said.

Brig. Gen. JB Burton, commander of the 20th CBRNE Command and 20th CBRNE Command Sgt. Maj. Harold Dunn presented Anderson with an award for her participation in the day’s observance.

Entertainment included Lumbee tribal members Keith Cox and William Jones, representing the Piscataway tribe



Brig. Gen. JB Burton, commander of the 20th CBRNE Command, left, presents a gift to Lt. Col. Nathele J. Anderson for her participation in APG’s Native American Indian Heritage observance as 20th CBRNE Command Sgt. Maj. Harold Dunn looks on.

of Southern Maryland, who performed ‘The Flag Song’ and a veterans’ song with drums and vocals. Both songs are often performed at pow wows “to give

thanks to the ones who serve for this country,” Cox said.

Cox performed a men’s grass dance, followed by Jones’ version of a men’s

traditional exhibition dance.

“We’d like to thank everyone for letting us share our culture with you here today...we’d like to thank all the ones who serve here. It can never be thanked enough,” Cox said.

After the observance, attendees met in the auditorium lobby to socialize and sample Native American cuisine. Sgt. Henryetta Price said she thought the observance was “really neat.”

“I liked the performances,” she said. “I’m really glad that they’re still able to practice their [cultural traditions] in cities on the East Coast.”

The program included the invocation and benediction by Lt. Col. Kevin Weston, 20th CBRNE command chaplain, and the national anthem by Renee Sims of the U.S. Army Test and Evaluation Command.

In 1990, President George H.W. Bush approved a joint resolution designating November as National American Indian Heritage month. Its purpose is to recognize the significant contributions the first Americans have made to the establishment and growth of the United States.

For more information about National Native American Indian Heritage Month, visit <http://nativeamericanheritagemonth.gov/>.

Photo by Stacy Smith

STEM Expo inspires local ninth-grade students

Continued from Page 1

encouraged students to consider a career in engineering and that STEM-related careers will continue to be in high-demand.

“Engineering is very broad field,” he said. “You can do many, many things.”

He told the freshmen they can prepare for their future now by taking challenging math and science classes and participating in STEM extra-curricular activities.

“The decisions you make today will prepare you for what you will do in college,” he said.

Divided into three sections, students visited one of three hubs across the installation: the command, control, communications, computers, intelligence, surveillance and reconnaissance (C4ISR) campus and the STEM Education and Outreach Center on APG North (Aberdeen) and the chemical, biological, radiological, nuclear and explosives (CBRNE) campus on APG South (Edgewood).

In a collaborative effort, more than fifteen major tenant organizations on APG came together to participate in the event.

“The STEM Expo is unique because it gives students the opportunity to explore the depth and breadth of all the STEM activities here within the APG community,” said Erica Bertoli, CERDEC outreach team lead who helped organize the event.

“We hope students see that no matter your interests, no matter your passions, you have a future in STEM.”

C4ISR

At the C4ISR Center of Excellence, students explored complex, emerging technologies in the areas of computers, networks, power and communications.

Six laboratories, from organizations including the Communications-Electronics Command, the Communications-Electronics Research, Development and Engineering Center, CECOM’s Software Engineering

Command, the Army Test and Evaluation Command, PEO Intelligence, Electronic Warfare and Sensors, and CECOM’s Logistics Readiness Center, opened their doors to students as they rotated through three workshop sessions.

Lab sessions allowed students to explore mission command, manipulating Google Earth maps to simulate tracking

friendly and enemy troop movement, understand electronic warfare and signal jamming, and see the work that goes into establishing and maintaining a mobile network.

“At first I thought the military meant a lot of fighting, but it’s a lot more complex than that,” said Harford Technical High School ninth-grader Saron Shara Shanka, 14. “There’s a lot of technology

behind it. I learned about the jammer. It was cool.”

A lunchtime session brought all students at the C4ISR campus back together,

to see demonstrations and participate in hands-on activities including a “Wack-a-Dummy” activity hosted by ATEC that showed students how data recorders analyze the injuries caused by impacts to the body.

“My favorite part was learning about thermal scanning and how the Army uses technology,” said Bohemia Manor High School ninth-grader Cailynn Kelley, 14. “I didn’t know they use so much technology to target things. It was really interesting.”

SEOC

At the installation’s STEM Education and Outreach Center, the Army Research Lab and the Army Materiel Systems Analysis Activity led several workshops about 3-D printing, robotics and neuroscience.

While at the robotics labs, students learned the basic concepts of 3-D modeling and simulation, as well as observed how robots autonomously explore an environment.

“We went through a maze with a controller and we had to draw a map through the maze and draw pictures throughout the maze,” said Rising Sun High School ninth-grader Robert Davis, 14. “Then we went to go see the maze to see if we got the drawing of the maze right.”

Davis said he was inspired by the “robotics and how robots and their controls work. It was pretty cool.”

During the neuroscience workshop, students had the chance to control a computer without lifting a finger, simply using their minds.

Other activities included learning how to determine the strength of various materials. Students conducted tests on everyday materials, determining how heavy of a load they could handle before breaking.

While Rising Sun High School ninth-grader Liz Zatalava, 14, wants to be a forensic scientist after college, she said “it was still really cool to watch new things I hadn’t learned before.”

“If you really like something, don’t worry about what other people think about it. Just go for what you love,” she said, encouraging fellow students to pursue their passions.

CBRNE

The CBRNE campus hosted hands-on demonstrations and STEM activities showcasing leading Army technologies in areas like epidemiology, waste management, robotics, nutrition, and microbiology.

Despite the frigid weather, Suzanne Milchling, director of program integration for the Edgewood Chemical Biolog-

ical Center, warmed up visitors with hints about the exciting morning ahead of them.

Milchling said the scientists and engineers of Edgewood collaborate with each other as well as other agencies around the nation and the world on projects large and small.

“It takes a lot of work to make a gas mask that will fit everyone in this room,” for example.

“Today you’ll see how STEM can make our lives better and impact the world,” she said.

Students had the opportunity to use various methods to test soil samples in a mock “whodunit” crime scene, learned about sustainability and how different materials can be recycled to manage waste and how bacteria and diseases spread.

North East High School ninth-grader Anna Gwinn, who said she plans to be a doctor, said she was having fun at ECBC’s Manipulating Microbes display.

“It’s all been interesting. I’ve seen a lot of new stuff I haven’t seen before,” she said.

Other CBRNE lab activities included exploring how robotic arms used to handle dangerous materials function, building circuits, speakers and bridges and learning about the importance of physical and mental health.

Sixteen-year-old Melvin Kiah from Paul Laurence Dunbar High School said he’s leaning toward an athletic career and he thought a lot of the exhibits were “pretty cool.”

“I’ve seen a lot of this stuff on TV,” he said after working with a robotic arm at the PEO ACWA display. “But this is the first time I’ve seen it live.”

Activities at the CBRNE campus were hosted by Public Health Command, the Chemical Materiel Activity, Edgewood Chemical Biological Center, PEO Assembled Chemical Weapons Alternatives, JPEO Chemical Biological Defense, the Defense Threat Reduction Agency and the Army Educational Outreach Program, spearheaded by the Army’s Research, Development and Engineering Command.

Regardless of which technology hub students visited, each workshop included information about the STEM degrees related to the technologies, helping students make a direct link between a path of study and an end career.

“Coming here to learn opened my mind up to how the little things people do every day - about building different things and testing different things and how they affect the whole world when we put the Army [in field],” said C. Milton Wright High School ninth-grader Catherine Uhland, 14.

“Testing...can save so many people’s lives and it really got me interested in wanting to help people. You can make a difference in a lab. It kind of made me inspired to think about more than just helping the Army but trying new ideas,” she said.

Throughout the morning students learned about the various summer programs available to students, as well as educational opportunities, internships, apprenticeship programs and scholarships through the Army and the Department of Defense.

For more information about the APG STEM Education and Outreach Center and the Army Educational Outreach Program, visit www.usaeop.com/.

(APG News staff members Yvonne Johnson, Rachel Ponder and Stacy Smith contributed to this article.)

Did You Know?

A Native American Medal of Honor recipient commanded a Navy destroyer during World War II

Ernest Edwin Evans, part Cherokee Indian and part Creek Indian, was born in 1908 in Pawnee, Oklahoma. After high school, Evans enlisted in the Navy in May 1926.

He received an appointment to the U.S. Naval Academy a year later and was commissioned as an Ensign in 1931. He served on several ships and Naval Air Stations over the next 10 years before assuming command of the USS Johnston at her commissioning in October 1943.

Evans commanded the Johnston during her entire service, being on board when she sunk Oct. 25, 1944, during the Battle for Leyte Gulf in the Philippine Sea.

His Medal of Honor citation reads:

“For conspicuous gallantry and intrepidity at the risk of his life above and beyond the call of duty as Commanding Officer of the USS Johnston, in action against major units of the enemy Japanese Fleet during the Battle off Samar on October 25, 1944.

“The first to lay a smoke screen and to open fire as an enemy task force vastly superior in number, firepower and armor rapidly approached, Commander Evans gallantly diverted the powerful blasts of hostile guns from the lightly armed and armored carriers under his protection, launching the first torpedo attack when the Johnston came under straddling Japanese shellfire.

“Undaunted by damage sustained under the terrific volume of fire, he unhesitatingly joined others of his group to provide fire support during subsequent torpedo attacks against the Japanese and, outshooting and outmaneuvering the enemy as he consistently interposed his vessel between the hostile Fleet units and our carriers despite the crippling loss of engine power and communications with steering, shifted to the fantail, shouted steering orders through an open hatch to men turning the rudder by hand and battled furiously until the Johnston burning and shuddering from a mortal blow, lay dead in the water after three hours of fierce combat.

“Seriously wounded early in the engagement, Commander Evans, by his indomitable courage and brilliant professional skills, aided materially in turning back the enemy during a critical phase of the action. His valiant fighting spirit throughout this historic battle will endure as an inspiration to all who served with him.”

After the loss of the Johnston, Evans was reported “missing in action.” Subsequently he was declared to have lost his life in this action. He was posthumously awarded the Bronze Star and Purple Heart medals and the Navy Cross, which was later recalled and replaced by the Medal of Honor, awarded by Congress.

A destroyer escort vessel, the USS Evans, which was launched at the Puget Sound Bridge and Dredging Company, in Seattle, Washington, in 1955, was named in honor of Cmdr. Evans.



Yvonne Johnson, APG News
Source: <http://www.history.navy.mil/>

APG SNAPSHOT

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

STEM EXPO EDUCATES, ENTERTAINS 400 STUDENTS

Team APG hosted more than 400 students during the installation's second STEM Expo Nov. 18.

ROBOTS, NEUROSCIENCE AT APG SEOC

Right: C. Milton Wright High School freshman Gavin Jagde, 14, controls a computer with his mind while wearing an electroencephalography (EEG) headset designed to measure electrical activity in the brain.

Below left: Rising Sun High School students Zachary Fitzwater, 15, and Liz Zatalava, 14, share a laugh as they maneuver a moving robot through a maze during a robotics lab demonstration.

Photos by Stacy Smith



NIGHT VISION, DATA ANALYSIS AT C4ISR CAMPUS

Below Left: Harford Technical High School ninth-graders learn about the Long Range Advanced Scout Surveillance System. The LRAS3, provided for the demonstration by PEO Intelligence, Electronic Warfare and Sensors, is "the eyes of the battlefield," using infrared night vision technology to "let Soldiers see the enemy long before they see you," according to Scott Winter of IEW&S.

Below Right: Bohemia Manor High School freshman Nathan Daciuk learns how the Army tracks injury data while taking a swing at a dummy. The Army Test and Evaluation Command uses impact and injury data to analyze whether the design of new vehicles will protect Soldiers from improvised explosive devices and landmines.

Photos by Amanda Rominiecki



ABSORBANCY, FOOD SAFETY, ROBOTICS AT CBRNE CAMPUS

(Clockwise from right) Chemical Engineer Ed Doyle, left, shows Perryville High School ninth-graders Andy Dvorak, Zach Jerscheid and Cara McCann (PEO ACWA) the activity goal at the Joint Program Manager-Elimination's Absorbancy booth.

Chief Warrant Officer 4 William Warren, tells a group of students about the science of protective rations as Master Sgt. Lennard Bookman, center, looks on at the Public Health Command's Army Veterinarian Food Protection booth.

Public Affairs Specialist James Campbell, of the Program Executive Office Assembled Chemical Weapons Alternative (PEO ACWA) left, coaches 15-year-old Jere Fisher from Paul Laurence Dunbar High School on the fine art of maneuvering a robotic arm.

Photos by Yvonne Johnson

