



APG NEWS

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AFAP survey seeks community feedback

By **STACY SMITH**
APG News

Are you a Soldier, family member, survivor, retiree, veteran, or civilian with an idea you think will improve the quality of life on Aberdeen Proving Ground or in the Army? Then you should complete the online Army Family Action Plan, or AFAP, Virtual Symposium to share your thoughts with leadership.

"This is an opportunity where your individual voice can really make a difference," said Army Community Service, or ACS, Chief Jennifer Eichner. She said the purpose of the survey is to capture ideas that could benefit the Army community as a whole. The survey encourages community members to consider the impact of Army-wide problems, and it requires them to share a viable solution for each problem they submit.

Army leadership is looking for "sweeping changes [they] can implement to make the Army community thrive," she said.

The survey is self-explanatory and customers must choose which category

See **VIRTUAL**, page 18

inside

BOSS

BOSS | 4
APG BOSS president develops "Cooking Guide for Soldiers"

TENANT NEWS

ECBC | 7
NETT Warrior kit warns of bio exposures

ENVIRONMENT

Living | 9
How to coexist with coyotes on APG

ARMY NEWS

STEP | 12
TRADOC provides NCO road map to promotions

online



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facebook.com/APGMd



twitter.com/USAGAPG



flickr.com/photos/usagapg/



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

index



Photo by Yvonne Johnson

Warehouse specialists Zane Waldon, on forklift, left, and Marquise Moultrie, right, move pallet loads of excess property through the Garrison's Logistics Readiness Center Supply Support Activity warehouse. The two were part of the team that processed a record \$4.6 million in excess property in one month for the 20th CBRNE Command while serving regular APG customers.

Operation Clean Sweep

LRC and SSA achieve major milestone during turn-in process

By **YVONNE JOHNSON**
APG News

The APG Garrison Logistics Readiness Center, or LRC, Supply Support Activity, or SSA, recently achieved a major milestone when the dollar value of a turn-in of excess property from a tenant organization totaled \$4.6 million.

The initiative, known as Operation Clean Sweep went into full swing after property

book personnel from the 20th CBRNE Command contacted the LRC for support, according to LRC Director Gene L. Schneck.

After several meetings between LRC civilians, contractors and Defense Logistics Agency, or DLA, Disposition Services personnel and 20th CBRNE Soldiers, arrangements were made to accommodate the turn-in including allowing the unit additional turn in dates and times. The operation

lasted approximately one month, commencing Oct. 20 and completing Nov. 20, with the unit load totaling 60 pallets over nine different days. Schneck said the operation's success was due to the cooperative effort between LRC installation Supply and Services Activity, or SSA, personnel and contractors and DLA personnel.

See **GARRISON**, page 17

APG MWR photo contestants soar

Story by **RACHEL PONDER**
APG News

Two APG civilians, a Soldier and a retiree won awards in the 2015 Army Digital Photography Contest, hosted by U.S. Army Morale, Welfare and Recreation.

The contest featured seven categories of photographs in two divisions: active-duty personnel and other MWR patrons.

Byron Reasin, MWR sports program and facility manager, said there were 81 entries at the installation-level contest and 41 were advanced to the Department of the Army level.

The entries were judged by Christina Graber, a photographer and videographer for the U.S. Army Public Health Center (Provisional), Sean Kief, a garrison photographer, and APG Better Opportunities for Single Soldiers, or BOSS, President Staff Sgt. Eric Jimenez, who has taken college classes in graphic design.

Kief said he was impressed by the entries.

"I first look for composition," he said. "The use of pho-

See **MWR**, page 17

"Fresh Catch" by Jake Jachens.



AER campaign season begins March 15

By **RACHEL PONDER**
APG News

With the 2016 Army Emergency Relief campaign season, approaching, organizers held an information session and cake cutting ceremony at the APG Garrison conference room Feb. 25.

The APG AER campaign officially runs March 15 through May 30, with the goal of raising \$40,000 to support Soldiers, retirees and their family members who need emergency financial assistance in the form of interest-free loans and grants.

Before the cake cutting, Col. Thomas Oliver, executive officer to APG Senior Commander Maj. Gen. Bruce T. Crawford, challenged Team APG to meet and

See **CAMPAIGN**, page 18

Col. Thomas Oliver, executive officer to APG senior commander Maj. Gen. Bruce T. Crawford, right, and Pvt. Erika Sanchez of the 3rd Air Defense Artillery (JLENS), cut the ceremony cake kicking off the 2016 Army Emergency Relief campaign season.

Photo by Molly Blossie



Mark Your Calendar | 6
APG History | 13

By the Numb#rs | 8
Crossword | 16

All Things Maryland | 9
Did You Know? | 18

MWR Events | 10
Snapshot | 19

STREET TALK

Spring is less than a month away. What activity are you looking forward to?

“Doing yard work, picking up tree branches and leaves and opening up my swimming pool for the grandkids.”



Charles Woodard, RDECOM

“Walking. You have to be very cautious on side-walks when it’s snowing and icing out.”



Linda Herring, Exchange

“I’m originally from Florida so I love the sun and the fun. I’m looking forward to going to the beach-down to Ocean City and taking advantage of the crab feasts that they have.”



Tracy Marshall, CECOM

“Playing golf and just getting outdoors.”



Mike Korba, Retired military

“Planting flowers and yard work.”



Damon Duvall, Retired military

Army selects senior research scientist for materials science

ARL

The U.S. Army has announced the selection of a new senior research scientist for materials science.

Dr. Jeffrey S. Zabinski will assume the position later this month. He has served as chief of the Materials and Manufacturing Science Division within the U.S. Army Research Laboratory Weapons and Materials Research Directorate since 2011.

Across the Army there are less than 50 senior research scientists, known as STs, who serve as general-officer equivalents, advising leadership on science matters.

As the Materials Science ST, Zabinski will serve as the “principal scientific leader for the Army’s national and international fundamental materials science and engineering research programs,” according to the Army announcement.

“My goal will be to establish the Army vision of fundamental research necessary to ensure future transformational materials capability for the Army,” Zabinski said. “I will work across the U.S. Army Research, Development and Engineering Command, other Army and government agencies, and with academia, industry and international partners to conceive new strategic partnerships.”

Zabinski said he hopes to help formulate future Army technical talent and infrastructure needs in the area of materials science research for the 21st century, and help develop strategies to ensure those needs are continuously met.



Zabinski

In the Army, materials science relates to weapons, platforms, Soldier equipment, and lifecycle affordability across ground, air and Soldier domains.

“Dr. Zabinski will provide materials expertise and leadership across the Army. Internal to ARL, he will focus on our campaigns in Materials Research and Sciences for Lethality & Protection. Materials is one of the laboratory’s enduring core competencies and have the potential to enable leap-ahead capabilities,” said David Lyon, acting director for ARL WMRD. “Performance, affordability and availability of structural and multifunctional materials will enable the Soldier of the future.”

Transformational materials play an essential role in resolving the challenges of operational overmatch and force protection and are essential for deep futures challenges through 2048, according to the Army statement.

Zabinski earned his Bachelor of Science degree in chemical engineering from the University of Florida in 1982. After working in industry for several years, he earned his doctorate from Auburn University in 1990. He came to ARL from the U.S. Air Force Research Laboratory, or AFRL, where he served as the chief of the Materials and Manufacturing Directorate Nonmetallic Materials Division from August 2007 to June 2011. AFRL named Zabinski as a fellow in 2003 and recognized him “for his leadership and research discoveries, which shifted the paradigms of lubrication and coating technology in the Air Force.”

Zabinski started as a bench level scientist focusing on surfaces, interfaces, thin films, coatings and tribology. He said his interests expanded over the years to focus on materials in extreme environments. He is also a fellow of the Society of Tribologists and Lubrication Engineers.

“Materials science is important to national security,” Zabinski said. “With the globalization of technology and the marketplace, it is challenging to steer discovery and innovation to meet our unique and demanding requirements. This job offers the opportunity to go even deeper into the materials R&D domain and as thus it’s exciting to me, as it offers the opportunity to contribute across the entire range of materials and exploit global materials science and technology for the Army.”

“We need to be able to exploit scientific discoveries from the global academic and industrial base and ensure a balanced Army materials program,” Lyon added. “Jeff is the right choice for this job. The technology that Soldiers have today didn’t just get created overnight. In some cases, it took decades of research in order to produce a piece of material that they have in the field. The work that goes on in our labs is critical to Soldiers.”

The U.S. Army Research Laboratory is part of the U.S. Army Research, Development and Engineering Command, which has the mission to ensure decisive overmatch for unified land operations to empower the Army, the joint warfighter and the nation. RDECOM is a major subordinate command of the U.S. Army Materiel Command.

PEO C3T serves up a taste of history

By GLADYS D. WILSON
PEO C3T

Program Executive Office Command, Control and Communications-Tactical (PEO C3T), responsible for fielding the Army’s tactical network, came together for its first Black History Month “Soul Food Celebration” Feb. 25 at its Aberdeen Proving Ground headquarters.

More than 200 PEO C3T employees from a wide variety of cultural backgrounds participated in the event, which featured home-cooked foods such as ribs, pulled pork, fried and baked chicken, sweet potatoes, black-eyed peas and numerous desserts. With the theme, “People United through Food,” the celebration sought to bond the PEO C3T community through cultural food, camaraderie and celebration.

“People come together through food and we wanted to share the Black History Month celebration with the PEO C3T community,” said Jane Lee, the executive assistant for PEO C3T’s Technical Management Division, who spearheaded the celebration. “We were hoping for an overwhelming turnout, but it was still a surprise to see how many people came together to enjoy the event.”

Inspiration for the team-building event came from a desire to continue to promote unity within the PEO C3T workforce.

“Black History Month honors Black



Courtesy photo

PEO C3T employees line up for soul food samplings during the organization’s first Black History Month “Soul Food Celebration” at its Aberdeen Proving Ground headquarters Feb. 25.

Americans that have and continue to provide excellent service to this country,” said Gary Martin, program executive officer C3T, who praised the effort for not only creating a great cultural showcase but also highlighting the diversity of the workforce.

A blessing was offered by Mel Pointer, part of the PEO C3T Project Manager Warfighter Information Network-Tactical, to kick off the festivities. The event also featured jazz music piped into the conference room and photos of prominent Black Americans scrolling across

a screen.

The event planning committee included Lee, along with PEO C3T employees Sasha Bender, Karena Evans, Jacqueline Gooding and Gladys Wilson.

A wonderful time was had by all and plans are already in the works for making this an annual potluck celebration.

“We wanted to raise awareness and promote our culture,” Lee said. “Next year we’ll look for additional volunteers so we can add to what was a tremendous time.”

See Something

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

Provided by the INTEL DIV/DPTMS

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APG NEWS

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AMSAA analyst wins M&S award

STORY AND PHOTOS BY
YVONNE JOHNSON

APG News

An Aberdeen Proving Ground analyst has been awarded the prestigious Modeling and Simulation or M&S Award from the Army Modeling and Simulation Office, or AMSO, for FY 2015. Claire Allen, an operations research analyst with the U.S. Army Materiel Systems Analysis Activity, was selected for the individual analysis category award as the lead developer of the Biometrics End to End Process Simulation, or BEEPS.

The director of the Center for Army Analysis in Fort Belvoir, Virginia, Dr. William Forrest Crain announced the award in a Nov. 5, 2015 memorandum.

“M&S continues to be necessary and of great value to provide effective support to our Soldiers,” he wrote, adding that, “the theme for the competition was “Best applications of Army models and simulations in an era of fiscal austerity and rapid innovation.” Crain said the selection board evaluated 54 nominations and of those, 11 crystal globe M&S trophies would be awarded to winning individuals and teams.

Allen received the award during the AMSAA Town Hall meeting at the Myer Auditorium Feb. 24. AMSAA Director James Amato, Technical Director Suzanne Milchling and Col. Kenneth Lenig, military deputy and chief of staff, presented the award.

BEEPS

BEEPS is an AMSAA-developed, analytical model that simulates the actions and reactions of the Biometrics Enabling Capability or BEC alternatives. In April 2015, Army G-3/5/7 tasked AMSAA to conduct an update to the 2010 Analysis of Alternatives or AoA, with the purpose of tailoring the BEC requirements to achieve Army affordability targets. The end result would inform a preferred cost effective alternative decision by the Army Acquisition Executive. The analysis consisted of a trade study to evaluate different devel-



From left, James Amato, director of the U.S. Army Materiel Systems Analysis Agency, applauds Army Modeling and Simulation award winner Claire Allen along with Suzanne Milchling, AMSAA technical director and Col. Kenneth Lenig, AMSAA military deputy and chief of staff during the award ceremony portion of the AMSAA Town Hall at the Myer Auditorium Feb. 24.

opment and hosting alternatives for a biometric data repository to store, process, match, manage and share biometric data. As the lead developer, Allen is recognized for her development and application of the BEEPS. Its versatility allowed the study team to characterize the performance and functional capabilities of various alternative architectures, and enabled cost versus capability analysis.

Steven Chizmar, chief of the AMSAA C3 Branch, who nominated Allen, wrote that her “vision and innovation, [in that] without access to source code or previous expertise, she was able to create [an] enduring tool and capability in a short amount of time.” Chizmar noted that the tool is “owned and operated by AMSAA,” and that it “exemplifies the 2015 theme.”

Claire Allen

A native Marylander, and one who was “always comfortable with numbers and figures,” Allen graduated from Bel

Air High School in 2003.

“Realistically, I’m a nerd, Allen said, noting that she once took Physics and Calculus 3 in the same semester.

Allen attended a small college in Providence, Rhode Island, graduated in 2007 and applied for an internship at APG. Her first job was with AMSAA as an operations research systems analyst.

“Everything about the Army was completely new and I learned a lot,” she said.

Allen stressed that during the BEEPS development, she served as a section leader/sub-head, her first time in that role, and that her accomplishment is a direct reflection of teamwork. She thanked Chizmar and AMSAA leadership, and team members Lynn Coles, Tony Harris and Chen Lai as well as her first team lead, Vicki Evering.

“She brought me into government and helped me to understand everything going on around me,” Allen said.

“I think every project is challenging,” she added. “One of the great things about AMSAA is you get to touch so many different things, from weapons to vehicles. We know we’re one part of the acquisition process and in the process we learn so much.”

She said that while, “we don’t usually get to see the end result, it’s really great

to get feedback.”

“I love working as a team and this project was huge. But one person couldn’t do everything. My team helped me immensely and I hope I’ve helped them immensely. I like to think I learned something new and I certainly learned a lot about biometrics.

“It’s great to work on something that dynamic,” she said, “and it’s a good feeling knowing that others care about the work you’re doing. I think we built something strong that AMSAA can be proud of.”

Army Modeling and Simulation Office

The mission of the Army Modeling and Simulation

Office, or AMSO, is to guide, coordinate, integrate, and synchronize strategic M&S efforts across the Army to create efforts and goals. AMSO develops unified Army M&S strategy to organize and equip the Army with M&S capabilities in support of Operating and Generating Force functions and institutional processes. Each year, select individuals and teams are recognized for excellence in the M&S field for efforts during the previous fiscal year. Army M&S awards have been presented every year since 2003. For more information, visit the Center for Army Analysis website at <http://www.caa.army.mil/>.

“One of the great things about AMSAA is you get to touch so many different things, from weapons to vehicles. We know we’re one part of the acquisition process and in the process we learn so much.”

Claire Allen

Operations research analyst with the U.S. Army Materiel Systems Analysis Activity

BOSS program teaches leadership

By **JESSICA RYAN**
IMCOM

Significant developments in one’s career can come from unlikely places. For one Soldier, a community recreation program gave him growth opportunities far beyond what he had imagined.

Staff Sgt. Eric Jimenez, a laboratory sciences noncommissioned officer in charge at Aberdeen Proving Ground, Maryland, is one of the Soldiers behind the creation of the new Army Performance Triad’s “Cooking Guide for Soldiers” and an assessment instructor for the Office of the Surgeon General.

In addition to his already demanding schedule, he serves as his garrison’s president for Better Opportunities for Single Soldiers, known as BOSS, a program run by the G9 Family and Morale, Welfare and Recreation Directorate of the U.S. Army Installation Management Command.

Jimenez credits his career accomplishments to the BOSS program. Within a few short years, Jimenez went from a specialist adjusting to his new duty station to becoming a leader in his community.

In March 2012, Jimenez arrived at APG after an overseas assignment.

“I was having a hard time transitioning and finding my battle rhythm when I first moved to APG from South Korea,” he said.

His roommate, the BOSS program’s vice president at the time, invited him to attend a few meetings. Jimenez immediately became actively involved in the program and was soon selected to be the treasurer in the executive committee.

He worked one-on-one with senior leaders; a turning point in his career. Garrison command sergeants major are the senior enlisted advisors to the BOSS program and they work alongside Soldier representatives to get their “boots on the ground” and better understand the issues and challenges single Soldiers face.

“The BOSS program afforded me an opportunity to develop leadership skills while I was a specialist,” he said. “I began to learn more about caring for Soldiers and leading from the front. I was always a hard worker, but the knowledge and wisdom my leaders provided made me efficient.”

He said his confidence grew as his seniors encouraged him to try new ideas.

“Command Sgt. Maj. James Ervin’s [the previous APG Garrison command sergeant major] support and excitement made it easier for us to grow and develop,” he said. “He would sit me down in



From right, APG Better Opportunities for Single Soldiers, or BOSS, President then-Sgt. Eric Jimenez, and Garrison Command Sgt. Maj. Jeffrey O. Adams, low-five a special needs player as he takes the field during a League of Dreams game at Ripken Stadium in 2014. Adams mentors Jimenez in the leadership of APG BOSS programs which include community service projects

Photo by
Yvonne Johnson

his office every week and tell me that we [the BOSS Soldiers] are going to make these events happen. Together, we built the program beyond expectations for a small installation.”

Jimenez now serves as the program’s president. Under his leadership, he plans activities and events encompassing the program’s three pillars: quality of life, recreation and community service.

He said since he is assigned to the Army Public Health Center (Provisional), his passion particularly lies in one pillar - quality of life. Last year, BOSS representatives and he came together to create the center’s “Cooking Guide for Soldiers.”

Jimenez naturally took the lead on the project. He aimed to educate Soldiers on the basics of healthy cooking such as understanding serving sizes, buying essential cooking supplies and knowing how to read nutrition labels.

This is a major topic in the BOSS program. Last September, BOSS representatives worldwide attended the program’s Future Leader Training forum. Life skills, a layer of the quality of life pillar, was in the forefront as representatives learned ways to develop more life-skills-based programming.

“If you look at the Chief of Staff of the Army Gen. Mark A. Milley’s message, it is all about readiness,” said Sgt. Maj. Michael Hatfield, from the G9 Family and MWR, during the forum.

“So we added what we call ‘life skills’ to the training,” Hatfield said. “If a Soldier has a lot of life skills, then the acts of discipline tend to be lower. We are showing how to perform certain skills like cooking a nutritious meal.”

APG Garrison Command Sgt. Maj. Jeffrey O. Adams said that Jimenez is motivated by his genuine concern for fellow Soldiers.

“He’s enthusiastic and he gets the other Soldiers involved,” Adams said.

He added that Jimenez’s work with PHC inspired the development of the cook book.

“They developed the cook book and he worked with IMCOM to make something that really helps Soldiers,” he said.

He noted that Jimenez currently is enrolled in the U.S. Army Recruiting and Retention School to become an Army recruiter.

“I think he’ll make a great recruiter and I think he has a great career ahead of him,” he said.

According to Jimenez, the guide has already received good feedback from other Soldiers.

“Every Soldier that has reviewed the book has found something they did not know and said, ‘Wow, I need to try that!’” he remarked.

“Healthy eating is going to be fun,” he added. “BOSS programs are teaming up with installation registered dietitians to host cooking demonstrations for

Soldiers. Some installation programs are taking Soldiers to the commissary and going over nutrition labels and how to pick the right produce.”

Jimenez said he will continue to think of innovative ways to educate fellow Soldiers and that he and BOSS leaders from other garrisons are planning events and activities to promote readiness while keeping Soldiers engaged and entertained.

He said he will always credit the BOSS program for getting this far in his career.

“The BOSS program can be seen as a leadership factory,” he said. “Soldiers learn how to plan, develop, coordinate and most importantly execute.”

Being a BOSS representative is no easy task, according to Jimenez. He said it takes a certain kind of Soldier to take on such a challenging role. Senior leaders like Hatfield take notice of these emerging stars.

“What we look for in a BOSS president is someone who has more than the average person. We are looking for someone who is able to learn new skills, have people skills, and reach out to their communities,” said Hatfield. “They are the bridge that bonds a community.”

For more information about the Better Opportunities for Single Soldiers program, visit <http://www.armymwr.com/recleisure/single/boss.aspx>.

Eat right to reduce the risk of chronic disease

By **CLAUDIA DRUM**
PHC (Provisional)

March is National Nutrition Month and this year’s theme is “Savor the flavor of eating right.” Eating right is an important part of feeling and looking your best. Also, healthy eating is one of the most powerful tools you have to reduce your risk of chronic disease.

According to the newly-released 2015-2020 Dietary Guidelines for Americans, or DGA, a healthy eating pattern emphasizes plenty of vegetables - any kind without added salt, fresh fruits and whole grains; a variety of lean protein choices and small amounts of healthy oils and fats - avocados, flaxseed, olive oil, canola oil and safflower oil. Furthermore, the DGA recommend you reduce your added sugar - less than 12 teaspoons per day or 48 grams per day; sodium - less than 2,300 milligrams per day; and saturated and trans-fats intake - pre-packaged cakes, cookies, pies, whole milk dairy products and red meats.

The DGA science-based recommendations are aimed at helping you make better overall food choices. Small, positive changes in your diet can lead to an improvement in your performance -

both mental and physical. Start making changes today and savor the flavor of eating right.

To help savor the flavor of eating right:

- Spruce up leafy green salads with nuts such as almonds, walnuts or pine nuts and chunks of fresh fruit like apples, pears and oranges. Top it off with small amounts of oil and vinegar-based dressing.
- For work, pack a small container of cucumber slices, sugar snap peas, celery/carrot sticks or sliced jicama and enjoy with one to two tablespoons of spicy hummus or no sugar-added nut butter.
- Keep fresh fruit or a small container of dried fruit on hand for on-the-go-snacking.
- Add an extra handful of veggies - frozen, fresh or low-sodium canned - to soups, stews, casseroles and stir-fry recipes.
- Choose 100 percent whole grain bread, brown rice or whole wheat pasta.
- Mix one-half ground turkey and one-half ground beef - 93 percent lean to make chili, hamburgers or spaghetti sauce.
- Mash one-eighth of a ripe avocado



and spread it on sandwiches in place of mayonnaise.

- Choose water, freshly brewed unsweetened tea or seltzer with a twist of lemon or lime instead of regular soda.
- Place a bowl of fresh fruit on the counter and keep pre-portioned nuts, whole grain crackers, fresh fruit and vegetables and low-sodium popcorn on hand for snacking.
- Want cookies? Opt for two instead of three. Chew slowly and take your time, to enjoy every bite.
- Season foods with lemon, herbs and spices instead of salt.
- Cook at home more often and/or modify portions and dishes when dining

out. Split an entrée; ask for dressing or high-fat toppings on the side so you can control the portion.

- Choose plain, Greek yogurt and mix in pureed or mashed fresh fruit or muesli.
- Aim for at least two fish/seafood meals per week. Choose baked, grilled or broiled without unhealthy fats/butters.

A registered dietitian or nutritionist can help you interpret and apply the Dietary Guidelines to your lifestyle. For more information on healthy eating, go to www.eatright.org or the Performance Triad at <http://armymedicine.mil/Pages/Nutrition.aspx>.

Session offers tips to gain federal employment

By **STACY SMITH**
APG News

APG Soldiers, civilians and family members who are seeking a career in government can register to attend the Applying for Federal Employment Workshop held quarterly at Army Community Service, or ACS, Bldg. 2503 on APG North (Aberdeen).

Hosted by the ACS Employment Readiness Program, in partnership with the Susquehanna Workforce Network, or SWN, the workshop explains the finer points of successfully applying for a fed-

eral job, as well as how to navigate the federal job website at www.usajobs.gov, which posts more than 5,000 jobs daily.

Kim Justus of the Susquehanna Workforce Network said job seekers can start their search by reading about agencies and job positions that spark their interest.

“There is an entire list of federal agencies at this website, and you can go there and page through them and read about what each different agency does,” Justus said. “You might be able to find an agency that’s doing something that you’re very interested in being a part of.”

Justus said the federal job process differs from that of the private sector in various ways, from how to build an impressive resume to which skills to emphasize when filling out a job application. Workshop attendees learn how to recognize these differences and tailor their application and resume to fit the job description.

The workshop also covers topics such as analyzing core competencies and skills, searching for key words in a job announcement, resume writing, networking and the interview process.

The next Applying for Federal Employment Workshop is scheduled for June 22. Those interested in attending must first register online at the Maryland Workforce Exchange website at www.mwejobs.maryland.gov.

For more information, contact ACS at 410-278-7572/4372; go to <http://www.apgmwr.com/community-services/army-community-services/> or visit the SWN website at www.swnetwork.org.

MRT session promotes self-awareness

Story and photo by
COURTNEY GILBERT
ATEC

The U.S. Army Test and Evaluation Command, or ATEC Ready and Resilient Campaign program held a Master Resiliency Training, or MRT, session titled Activating Events, Thoughts, and Consequences (ATC) at its Aberdeen Test Center Feb. 4.

The Army Ready and Resilient campaign was developed to support and promote physical, emotional and psychological resilience in Soldiers, civilians, and their family members and to help them cope with life challenges. ATEC provides monthly comprehensive resilience training sessions to support the resiliency development of its military and civilian workforce. These sessions teach life skills that enable individuals to rebound from hardships and become emotionally, spiritually, and mentally tough.

ATC training aims to build self-awareness. Key objectives of the training are to identify heat-of-the-moment thoughts after an activating event, that can be challenging, adversarial, or positive, and examine the consequences of those thoughts, to gain greater control over emotions and reactions. The training emphasized how thoughts drive immediate reactions and can make the difference between a productive or a non-productive outcome.

“A lot of times we think that our consequences result from the activating event that occurred in our lives,” said Diana Reeves, ATEC Ready and Resilient program manager. “But our consequences really come from our heat-of-the-moment thought[s].”

Reeves explained how taking a step back to separate the activating event - the thought, and the consequence - can help pinpoint thinking patterns that were not previously recognized.

“Since our thoughts drive our emotions and reactions, you can actually figure out what you want to think before an activating event, so that you can have the emotions and reactions that are most productive,” said Reeves. “In the moment of the activating event, you can change your thoughts to change your emotions and reactions. You can also reflect on your thoughts later to understand why you felt and reacted the way you did.”

Reeves discussed the following three key principles of Activating Events, Thoughts and Consequences that can help individuals gain control over emotions and reactions:

- Separate the A (Activating Event), from the T (Thought), from the C (Consequence).
- A: Just the facts—who, what,



Diana Reeves, the Army Test and Evaluation Command Ready and Resilient program manager, left, delivers the Master Resiliency Training session, Activating Events, Thoughts, and Consequences to Aberdeen Test Center, or ATC, Soldiers and civilians Feb. 4. Reeves was assisted by Staff Sgt. Oscar Orozco, ATEC training noncommissioned officer in charge. ATEC provides monthly comprehensive resilience training sessions to support the resiliency development of its military and civilian workforce.

when, where

- **T:** Your interpretation, what you say to yourself in the heat of the moment
- **C:** Your Consequences
 - Detect patterns: Identify any patterns in your Ts that undercut your performance and mental toughness.
 - Self-awareness: the primary goal.

Reeves teamed up with Staff Sgt. Oscar Orozco, ATEC training noncommissioned officer-in-charge, to focus on the ‘T’ portion of the first principle by highlighting the thinking traps that can hinder people from controlling their thoughts.

“Falling into thinking traps can be extremely counterproductive,” said Orozco. “They can cause you to have misleading information.”

He discussed the most toxic

thinking traps that include:

Always, Always, Always: Believing that negative events are unchangeable and that you have little or no control over them.

Everything, Everything, Everything: Believing that you can judge your own or someone else’s worth, motivation, or ability, based on a single situation (character assassination).

“People that fall into these common thinking traps feel like they have no control over any of the events that happen in their [lives],” said Orozco. “It’s easier to pick up on these thinking traps in loved ones than it is to notice how we fall into these thinking traps.”

Orozco charged the class to understand and identify thinking traps so they can help others and themselves

become more mentally agile.

At the end of the session, attendees shared their thoughts on the MRT session.

“I thought this session was very informative and it opened my mind,” said Kimber Hill, a program analyst in the ATC Command Staff Business Management office. “It made me realize that I do shut down during certain moments, and that I do jump to conclusions in bad situations.”

Ralph Scutti, Armaments & Munitions division chief from the ATC Firepower Directorate, said he liked that civilians and Soldiers attend MRT sessions together.

“The neatest thing about attending the session was experiencing the session with other Soldiers that were here,” said Scutti. “When we [civilians] come together with Soldiers, we see that they go through the same things we do in trying to solve problems.”

He added that he hoped the resiliency training sessions continued to be mixed with military and civilians.

For more information about the ATEC Ready and Resilient Campaign, visit <http://www.atec.army.mil/r2c>. To learn more about the Army’s Ready and Resilient Campaign, visit www.army.mil.readyandresilient.

“... you can actually figure out what you want to think before an activating event, so that you can have the emotions and reactions that are most productive.”

Diana Reeves
ATEC Ready and Resilient
program manager

NDT completes nuclear detection pods training

By **MAJ. RYAN DONALD**
20th CBRNE Command

Nuclear detection is the capability to identify and report the presence or movement of nuclear or radioactive materials from one point to another. It can be achieved through various technological devices. While detection activities are mostly conducted by customs and border guard forces, other agencies can contribute during, before and after a national-level threat.

For example, Soldiers from the Nuclear Disablement Team (NDT), 20th Chemical, Biological, Radiological, Nuclear and Explosives (CBRNE) Command, recently honed their skills training on nuclear detection pods at the Maryland National Guard Aviation facilities in Aberdeen Proving Ground, Maryland, Feb. 19.

NDTs use these pods to track airborne radiation and analyze particulates and gasses to identify the origin of threatening nuclear sources.

According to Maj. Howard Titzel, nuclear research officer for the NDT, one of their missions, is to support the National Technical Nuclear Forensic by analyzing the area after a nuclear blast to determine how much radiation is in the zone and when and where it is considered safe.

Implementing the use of NDTs can prevent the illicit movement of radioactive materials or weapons across and within their borders.

“The benefit of this system is that each of these pods have four detectors in it,” said Titzel. “If we put four of these gamma pods on we get 16 detectors on one aircraft, therefore we get more resolution on our data.”

Although it is not their main effort, the NDT can also support interdiction missions.

“Let us say somebody stole some medical supply source to do something bad with; they need us to fly down the freeway, and find where he is,” said Titzel. “We have exercised that in conjunction with other agencies, and it has proven quite effective.”

Moreover, these devices not only can trace radiation but according to Lt. Col. Les Hawkins, the NDT commander, they do more than that.

“This system is of operational benefit to a commander since the radiation mapping information it provides can inform both decisions on prioritization of resource as well as development of plans that keep Soldiers safe in a hazardous environment,” added Hawkins.

The NDTs are specialized teams of nuclear-related specialists, chemical tech-



Courtesy photo

Soldiers from the Nuclear Disablement Team (NDT), 20th Chemical, Biological, Radiological, Nuclear, and Explosives (CBRNE) Command, train on nuclear detection pods at the Maryland National Guard Aviation facilities at Aberdeen Proving Ground, Feb. 19.

nicians, health physicists, and explosive ordnance disposal personnel who have the ability to disable nuclear weapons of mass destruction infrastructure, package, transport, and safeguard nuclear and

radiological materials, collect and transport samples of radiological material for forensic analysis, and conduct sensitive site exploitation operations on nuclear sites.

Leave Donations

To participate in the Voluntary Leave Program, use forms OPM 630, Application to Become a Leave Recipient Under the Voluntary Leave Transfer Program; OPF 630-A, Request to Donate Annual Leave to Leave Recipient Under the Voluntary Leave Transfer Program (within agency); 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@army.mil

Employees eligible for donations in the Voluntary Leave Transfer Program

Acosta, Jeannie M.	Gaddis, Lonnie	Malczewski, Stephen V.	Quraishi, Qudsia
Barela, Linda M.	Gibson, Tanya J.	Mancini, Jennifer	Ruske, Hilary P.
Battle-Hinson, Melinda L.	Gilley, Christopher M.	Manos, Gust H.	Ruth, Ashley L.
Branscome, Teresa A.	Hampton, Devita D.	Meadowcroft, Catherine	Solomon, Je'Neane
Ciborowski, Steven	Hanisko, Bryan T.	Meskill, Joseph F.	Thompson, Curtis
Clark, Lyra	Hardesty, Stacie L.	Mielke, Sylvia A.	Tisdale, Dorris A.
Clybourn, Angela M.	Hazel, Wanda L.	Miller, Bernadette	Villanueva, Jenny
Dean-Delbridge, Dawn	Humphries, Theresa	Morgan, Judy A.	Vincelli, Louis
Dennis, Robin N.	Johnson, Douglas W.	Morrow, Anthony	Waldon, Wanda L.
Dennison, Natalie G.	King, Sharon M.	Morrow, Patricia D.	Winkles, Jeffrey
Dimond, Crystal	Kubat, Tracey L.	Ogbonna, Fanny N.	
Dissek, Michael J.	Kuciej, Andrea D.	Parker, Inger	
Diveley, Roberta R.	Kyro, Kelly J.	Peduzzi, Jill L.	
Frankel, Ronald A.	LiCalzi, William E.	Pulaski, Michele L.	

MARK YOUR CALENDAR

MORE ONLINE
More events can be seen at www.TeamAPG.com

events&town halls

TUESDAY MARCH 8

CLAIM REPRESENTATIVE VISIT

The Civilian Personnel Advisory Center has arranged for a claim representative of Care First Blue Cross Blue Shield to visit APG 9:30 to 11:30 a.m. at the APG North (Aberdeen) recreation center, Bldg. 3326 Room 120, to discuss claim issues and plan coverage. The representative will be available 12:30 to 1:30 p.m. at Bldg. E2800 (JPEOCBD), Rooms 103/104 in APG South (Edgewood). No appointment is necessary.

For more information, contact Teri Wright, CPAC, at 410-278-4331 or Teresa.l.wright28.civ@mail.mil.

WEDNESDAY MARCH 23

ARMED SERVICES BLOOD PROGRAM BLOOD DRIVE

Donors – jack into the blood grid and infuse life. The Armed Services Blood Program will host a blood drive at the APG North (Aberdeen) recreation center 9 a.m. to 1 p.m. Walk-ins are welcome, but donors are encouraged to make appointments online at www.militarydonor.com. Use the sponsor code APGMD.

For more info, visit militaryblood.dod.mil.

WEDNESDAY MARCH 30

WOMEN'S HISTORY MONTH TRAINING PROGRAM

The Federal Women's Program will host a Women's History Month Training Program at Mallette Training Facility on APG North (Aberdeen), Bldg. 6008 from 8 a.m. to 4 p.m. Registration is due March 23 by visiting <https://register.apgea.army.mil/FWP/>. Seats are limited.

meetings&conferences

WEDNESDAY MARCH 9

VETERANS TOWN HALL

The VA Maryland Health Care System, VAMHCS, will host an Open House & Town Hall 4 to 7 p.m. at the Perry Point VA Medical Center gymnasium, Bldg. 314. The Town Hall will be held 4:15 to 5:45 p.m. Area veterans are invited to come learn about VA benefits, programs and services, health care enrollment and claims assistance. Active VA members can learn about additional services and check on benefit claims.

To apply for VA health care, bring a photo ID, financial information from the previous calendar year, and a copy of your discharge papers, Form DD-214, if available.

This event is in partnership with the Baltimore VA Regional Office of the Veterans Benefits Administration. For more information, call 1-800-949-1003.

WOMEN IN LEADERSHIP SESSION

The Aberdeen Test Center will host the 6th Women in Leadership Session, "Unlock Your Potential" starting 11:30 a.m. at Bldg. 5014 Boothby Hill Avenue on APG North (Aberdeen). Please be seated by 11:15 a.m.

For more information, or to reserve seats by March 2, contact Heather Steinhilber at 410-306-4003 or heather.m.steinhilber.civ@mail.mil.

THURSDAY MARCH 24

HR/EEO TRAINING

A reminder to all IMCOM supervisors: there will be supervisory Human Resources/Equal Employment Opportunity training 8 a.m. to 4 p.m. at Bldg. 3147 on Raritan Avenue. Employees can register up to the day of the class with Charles Gilmore, equal employment opportunity specialist, at 410-278-0130 or charles.l.gilmore3.civ@mail.mil.

WEDNESDAY APRIL 27

DAU TRAINING SYMPOSIUM

The Defense Acquisition University campus at APG will host a VTC for the one-day hot topic training forum 7:45 a.m. to 4:30 p.m., at 6175 Guardian Gateway on APG with no cost to remote viewers. The symposium will be fed live from Fort Belvoir, Virginia.

This year's theme is "Strengthening Cost Consciousness, Professionalism, and Technical Excellence." Frank Kendall, Under Secretary of Defense for Acquisition, Technology and Logistics is the keynote speaker.

The event offers plenary and classroom training sessions tied to the Better Buying Power 3.0 initiatives. In a period of fiscal challenges and technological opportunities, the training will focus on learning hard skills - training in the latest acquisition policy, practices and techniques that attendees can take back to the workplace and apply. The symposium provides six Continuous Learning Points for continued DOD acquisition certification.

Seating is limited. To sign up, contact Ben Metcalfe at 410-272-9471 or email benjamin.metcalfe@dau.mil or. For more information about the symposium, visit <http://dauaa.org/Symposium2016/Index.htm>

health&resiliency

TUESDAY MARCH 22

SLEEP AWARENESS & INFO SESSION

The C4ISR Wellness Committee will host a Sleep Awareness info session at Bldg. 6001, second floor, room 224, from 11:30 a.m. to 12:30 p.m.

The session will focus on the importance of getting a good night's sleep to achieve optimal health and to help deal with everyday stressors.

Open to civilians, contractors and service members, non-C4ISR employees must bring their CAC to gain access to the building.

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

THURSDAY MARCH 24

FIRST AID TRAINING CLASS *REGISTRATION REQUIRED*

The C4ISR Wellness Committee will host a registration-required First Aid Training Class taught by the APG Fire Department at Bldg. 6001, second floor, room 224.

The class will teach individuals how to react to a variety of medical events, as well as traumatic injuries. They will also discuss the public, as well as Emergency Medical System on APG, as well as your access to it. This course meets all the American Heart Association 2010 Guidelines for First Aid certification. Participants will receive a 2 year certification from the American Safety and Health Institute for attending the course.

The class is open to C4ISR employees, contractors and service members. Registration is required and there is limited seating. Interested individuals must register by March 14.

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

THROUGH MID-2016

ARMY WELLNESS CENTER RELOCATED

As a result of ongoing renovations to Kirk U.S. Army Health Clinic, the APG Army Wellness Center has relocated to the trailers directly across from the main KUSAHC building, near the Veterinary Treatment Facility.

For more information, contact the wellness center at 410-306-1024.

THROUGH MID-2016

KUSAHC OCCUPATIONAL HEALTH RELOCATED

As a result of ongoing renovations to Kirk U.S. Army Health Clinic, occupational health services have relocated to the trailers directly across from the main KUSAHC building, near the Veterinary Treatment Facility.

For more information, contact occupational services at 410-278-1912/1913.

ONGOING

WEAR BLUE: RUN TO REMEMBER HARFORD COUNTY/APG

A Harford County/APG-based Wear Blue: Run to Remember community has been established, with ongoing meets the second Saturday of every month 8:30 a.m. at the Maryland and Pennsylvania Heritage Trail in Fallston.

Wear Blue: Run to Remember communities run, jog and walk in honor of the nation's fallen, fighting and families.

Those interested in participating in the run should meet at the Annie's Playground – Pavilion at 864 Smith Lane, Fallston, Maryland. Pets are allowed, but park rules do not allow retractable leashes.

All ability levels are welcome. Participants are strongly encouraged to wear blue.

Upcoming dates include:

- March 12
- April 9

For more information, contact Robin Bruns at 910-987-6764 or brunsrd@yahoo.com.

ONGOING

2016 CPR & AED TRAINING CLASS SCHEDULE

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

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

- **March 17** – APG North – Bldg. 3147, Rm 205 – 9 a.m. & 1 p.m.
- **April 21**– APG South – MFRI North East Regional Training Center – 9 a.m. & 1 p.m.
- **May 19** – APG North – Bldg. 3147, Rm 205 – 9 a.m. & 1 p.m.
- **June 16** – APG South – MFRI North

East Regional Training Center – 9 a.m. & 1 p.m.

- **July 21** – APG North – Bldg. 3147, Rm 205 – 9 a.m. & 1 p.m.

- **Aug. 18** – APG South – MFRI North East Regional Training Center – 9 a.m. & 1 p.m.

- **Sept. 22** – APG North – Bldg. 3147, Rm 205 – 9 a.m. & 1 p.m.

- **Oct. 20** – APG South – MFRI North East Regional Training Center – 9 a.m. & 1 p.m.

- **Nov. 17** – APG North – Bldg. 3147, Rm 205 – 9 a.m. & 1 p.m.

- **Dec. 15** – APG South – MFRI North East Regional Training Center – 9 a.m. & 1 p.m.

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

TUESDAY APRIL 19

DENTAL CLINICS CLOSED

The APG North (Aberdeen) and APG South (Edgewood) dental clinics will be closed, 7 a.m. to 3:30 p.m.

For more information, contact Sgt. Tracy Glover at 410-804-6805 or email tracy.s.glover4.mil@mail.mil.

family&children

FRIDAY APRIL 1

SOCIETY OF AMERICAN MILITARY ENGINEERS SUMMER CAMP APPLICATION DEADLINE

The Society of American Military Engineers will fund two one-week scholarships at an engineering and construction camp for two rising 10th to 12th grade high school students who are interested in STEM careers.

Students will work as part of a real engineering or construction project team and provide students an opportunity to broaden their engineering knowledge.

To apply, visit www.samecamps.org or email Stanley.e.childs.civ@mail.mil for more information.

miscellaneous

THROUGH MARCH 23

2016-2017 SENIOR SERVICE COLLEGE FELLOWSHIP PROGRAM NOW ACCEPTING APPLICATIONS

The U.S. Army Acquisition Support Center is currently accepting applications for the 2016-17 SSCF program through March 23. The SSCF Program is a 10-month educational opportunity conducted under the auspices of the Defense Acquisition University (DAU) at Huntsville, Alabama, Warren, Michigan and Aberdeen Proving Ground, Maryland.

The SSCF program prepares government civilians at the GS-14/15 levels or equivalent for senior leadership roles by provides training in leadership and acquisition. Program components include completion of DAU's Program Management Course (PMT 401), courses in leadership, applications of acquisition to national defense issues, research in acquisition topics, mentoring, and a distinguished speaker program.

For complete program information and application requirements, please visit: <http://asc.army.mil/web/career-development/programs/defense-acquisition-university-senior-service-college/>

For APG specific program information, please visit: <http://www.dau.mil/sscf/Pages/apg.aspx>.

For more information about the program, please contact Jim Oman at james.oman@dau.mil or 410-272-9470.

MARCH 31

SOCIETY OF AMERICAN MILITARY ENGINEERS STEM SCHOLARSHIP APPLICATION DEADLINE

The Chesapeake Post of the Society of American Military Engineers announces the availability of the 2016-17 college scholarship applications. The purpose of the SAME Chesapeake Post scholarships is to encourage and support talented students in their pursuit of STEM careers. Each scholarship recipient will also be provided with a SAME mentor.

Scholarships will be awarded in two categories, high school seniors and current college students. Amounts will range from \$300 to \$1,000 per student. The post anticipates awarding five to 10 scholarships. Students must meet the "Scholarship Selection Criteria" requirements and be pursuing a career in a STEM area as defined on the application. Students must reapply each year.

The SAME Chesapeake Post Scholarship Committee will meet in April to review applications. All applicants will be notified of their determination. Preference will be given to those applicants who: are already members of SAME, have attended a meeting or SAME event in the past year, have participated in an engineering or science activity (i.e. robotics competition), or have

participated in an internship at APG or other engineering or science related facility.

Scholarship information can be found at www.same.porg/chesapeake. The application deadline is March 31.

Questions should be directed to Stan Childs at 410-322-8575 or Stanley.e.childs.civ@mail.mil.

ONGOING

FREE INCOME TAX PREP

The Office of the Staff Judge Advocate, Client Services Division offers free income tax preparation for eligible patrons, including active-duty service members, retirees and their family members.

The OSJA, CSD is located in Bldg. 4305, Room 317. Its hours of operation are Monday – Thursday, 9 a.m. to 1 p.m.

For more information, or to schedule an appointment, call 410-278-1583.

ONGOING

APG SOUTH 2016 WATER MAIN FLUSHING

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

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

- **Jan. through March:** E1500-E1900 area, E6000 area.
- **April through June:** E2000 area.
- **May 12-14:** APG South housing area, Austin Road.
- **July through Sept.:** E3000-E4000 area.
- **Aug. 11-13:** APG South housing area, E1220-E1300 area, and child care center.
- **Oct. through Dec.:** E5000 area.
- **Nov. 10-12:** APG South housing area, Austin Road.

For more information, contact Robert Warlick at 410-436-2196 or robert.w.warlick2.civ@mail.mil.

ONGOING

2016 FIRE MARSHALL PROGRAM SCHEDULE

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

Upcoming class dates include:

- **March 29** – APG South, Bldg. E4810
- **April 14** – APG North, Bldg. 4403
- **May 19** – APG North, Bldg. 4403
- **June 28** – APG South, Bldg. E4810
- **July 14** – APG North, Bldg. 4403
- **Aug. 11** – APG North, Bldg. 4403
- **Sept. 27** – APG South, Bldg. E4810
- **Oct. 13** – APG North, Bldg. 4403
- **Nov. 17** – APG North, Bldg. 4403
- **Dec. 15** – APG North, Bldg. 4403
- **Dec. 20** – APG South, Bldg. 4403

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

ONGOING

2016 FIRE EXTINGUISHER TRAINING

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

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

- **March 17** – APG North, Bldg. 4403
- **April 14** – APG South, Bldg. E4810
- **May 19** – APG North, Bldg. 4403
- **June 23** – APG South, Bldg. E4810
- **July 14** – APG North, Bldg. 4403
- **Aug. 17** – APG South, Bldg. E4810
- **Sept. 15** – APG North, Bldg. 4403
- **Oct. 13** – APG South, Bldg. E4810
- **Nov. 17** – APG North, Bldg. 4403
- **Dec. 22** – APG South, Bldg. E4810

For more information, contact Ernie Little at 410-306-0583 or ernest.w.little.civ@mail.mil.

ONGOING

APG ARMY EDUCATION CENTER REDUCED HOURS

The APG Army Education Center will have reduced hours of operation starting Monday, February 22. New hours of operation will be Monday through Wednesday, 8 a.m. to 4 p.m.

During this time, visit Evelyn Childs, alternate test control officer and counselor support at Bldg. 4305, room 233, or contact her at 410-306-2037 or evelyn.a.childs.ctr@mail.mil.

For additional information or support, contact the center's West Point personnel, Counselor Nancy Judd at 845-938-3464 or nancy.judd@usma.edu or Education Services Specialist Neil Sakumoto at 845-938-5389 or neil.sakumoto@usma.edu.

The education center apologizes for any inconvenience caused by the reduced hours of operation.

Pregnancy seminar stresses well-being of mother

By **STACY SMITH**
APG News

Home or hospital birth? Natural, epidural or Caesarian section? There seems to be no end to the decisions expectant mothers have to make about their pregnancies. Information varies according to the source. The Internet, for example, full of mixed-information and opinions.

During an information session at Bldg. 6002 on Feb. 25, a certified professional midwife and the mother of eight children, Karen Webster, shared her 37 years of professional and personal experience regarding pregnancies and births with a group of expectant mothers.

Hosted by the C4ISR Wellness Committee, the presentation included an overview of pregnancy, and provided information and tips about its three trimesters, the child birth experience, breastfeeding and postpartum depression.

Webster said midwifery is about “putting the power of birth back in women’s hands.” She said she personally delivered 10 of her 11 grandchildren, and she encouraged attendees to make informed decisions about their individual pregnancies.

Pregnancy

Webster said the human gestational period is roughly nine months long and consists of three trimesters. The first trimester includes the first twelve weeks of

pregnancy, during which a mother experiences many hormonal, emotional and physiological changes.

Typical symptoms of the first trimester include fatigue and nausea, commonly referred to as morning sickness. By the end of the first trimester, the limbs and organs of the fetus are present, and continue growing throughout the pregnancy, she said.

“It’s a lot of metabolic demand on your body.”

Webster debunked the belief that pregnancies revolve around set time-tables. She said the normal window to have a baby is between 37 and 42 weeks.

“The estimated due date is just an educated guess,” Webster said. “Statistically, only about three percent of babies are actually born on their due date.”

The second trimester consists of weeks 12 to 28 and involves the continued growth and development of the fetus. Webster said mothers-to-be can expect:

- Increase in appetite and energy
- Feeling movement or ‘kicks’
- ‘Showing’ baby bump
- A feeling of excitement, joy; pregnancy glow

Webster emphasized the importance of maternal health and good nutrition throughout pregnancy.

“You can take all the prenatal vitamins in the world, but if you’re not getting a good basic diet, that’s not doing you any

good,” she said.

She said during the final trimester, the fetus is gaining brown fat, or adipose tissue, which helps regulate its temperature after birth. The brain is also growing at its most rapid rate and the lungs are maturing.

She cautioned woman against inducing labor because they feel overwhelmed with pregnancy symptoms.

“Babies grow just like we do; they have growth spurts,” Webster said. “Every baby is not ready at 40 weeks. Most babies aren’t ready at 40 weeks.”

Labor and birth

Webster said American births began transitioning from homes to hospitals in the 1930s and 1940s primarily for pain relief, but many pregnant women today are choosing to return to midwifery as a viable option for prenatal, delivery and post-natal health care.

“We (midwives) have been the caregivers for pregnant women [a very long time],” she said. Obstetrics is a relatively new field. In this country, it’s been less than a century babies have been born into doctors’ hands.”

Webster also scoffed at the way media portrays typical labor and birth.

“You’re not out to dinner and your water breaks and you run off to the hospital and the baby falls out,” she said. “That’s not what happens.”

She said pregnant women may lose

a pound or two, experience loose bowels, or feel contractions the week before labor begins. She said while there are no hard and fast rules, on average, first time mothers can expect their labor to last anywhere from 12 to 24 hours.

Postpartum depression

Webster explained postpartum depression differs from the more common “new motherhood blues” because it is not just a bad day here and there, but a feeling or mood that persists over time.

According to a Centers for Disease Control and Prevention survey, 8 to 19 percent of women report having frequent postpartum depressive symptoms. The symptoms of postpartum depression are similar to symptoms for depression, but may also include:

- Crying more often than usual
- Feelings of anger
- Withdrawing from loved ones
- Feeling numb or disconnected from your baby
- Worrying that you will hurt the baby
- Feeling guilty about not being a good mom or doubting your ability to care for the baby.

Webster closed with a question and answer session then gave the group a final bit of advice.

“You can do it, trust me,” she said. “We’ve done it since the beginning of time.”

ECBC kit warns of biological exposure in the field with rapid results self-test device

Edgewood Chemical Biological Center

An infantry unit goes into an area recently held by insurgents and finds evidence of a biological agent laboratory. Chemical biological experts arrive on the scene in protective suits and determine that they were weaponizing ricin. The Warfighters in the unit need to know if they have been exposed, and fast. The Edgewood Chemical Biological Center, or ECBC, has a newly-developed biological self-test kit that can quickly get that answer and automatically send it in to the Warfighters and their commanders.

Rapid results saves lives

Known as SmartCAR, the device uses a colorimetric assay, very much like a home pregnancy test strip, to identify the presence of a pathogen of concern such as ricin, anthrax or plague. The Warfighter or a field medic can take a saliva or stool sample, place it in a small vial containing a reagent that will bind the pathogen of concern, then place a drop of the solution on the strip. The strip is placed inside the handheld SmartCAR which then reads whether there is one line on the strip, meaning no exposure, or two lines on the strip, meaning bad news.

The SmartCAR then transmits the results over Nett Warrior, a fielded integrated dismounted situational awareness system that displays tactical data on a smartphone. Information passes through Nett Warrior and up the chain of command. If the test is positive, the Warfighter and field medic know to immediately begin treatment, and the information is automatically entered into the Warfighter’s medical record. The commander immediately knows about this individual Warfighter, and if more are exposed, knows how many and where they are. This provides the commander with vital situational awareness to cordon off the area and notify the chain of command.

“Although much of the technology in SmartCAR is commercial off-the-shelf, it is a real innovation because it is a hand-held, field-ready device that not only determines exposure, but provides its own data management and distribution,” said Dr. Patricia Buckley, an ECBC research scientist on the SmartCAR development team.

Other applications

SmartCAR is only limited by the strip assays available. It can also capture data from environmental samplings for field reconnaissance. An advance chemical biological team can take swab samples of suspicious surfaces and analyze them. By adding a device known as an impinger, an instrument for collecting samples of suspended particles by forcing them into a liquid stream, the team can also analyze air samples. This provides vital information to commanders who must decide whether or not to send units into suspect areas.

SmartCAR has important civilian applications, too. It can be brought to austere and forbidding environments to test drinking wells for water quality. A test strip that identifies the presence of Ebola could be used by medical person-



Courtesy photos

The Nett Warrior (NW) is an integrated dismounted leader situational awareness (SA) system for use during combat operations.

nel sent to control an outbreak. Its data management and distribution capabilities make it ideal for humanitarian relief mission personnel to establish restricted areas and determine resource needs.

From requirement to prototype

ECBC developed SmartCAR for the U.S. Army Telemedicine and Advanced Technology Research Center, known as TATRC. The organization seeks to automate information technology for medics and it sought out ECBC to develop a prototype for laboratory and field testing.

The ECBC Advanced Design and Manufacturing team used its rapid development process to manufacture the housing and contents plus the software that identifies and communicates the presence of one line or two lines on the test strip.

Buckley and her fellow research scientists performed the laboratory testing to confirm SmartCAR could accurately identify each of the biological agent test strips specific to different pathogens. The team showcased the SmartCAR at a major Army medical conference where ground medics from several different units field tested the SmartCAR under realistic conditions and provided feedback for modifications.

TATRC took delivery of the prototype in June 2014 and is now demonstrating its capabilities to other military organizations to determine their interest in adopting it. Buckley and her team have since been increasing the variety of pathogen-specific immunoassay strips that the SmartCAR can read.

Potential synergies

“It is exciting to be able to work on something that will actually go out into the field and help Soldiers safely accom-



Courtesy photos

ECBC’s SmartCAR biological agent detection device fits into the palm of the hand and is rugged enough for the battlefield.

plish their mission,” said Buckley. “With more time and funding, SmartCAR will be used in more and more settings, such as relief missions and even hospitals.”

Buckley said she hopes to ultimately combine the biological sensor capabilities of SmartCAR with another advanced ECBC technology, the VOckit – a handheld, field-ready chemical agent detector which also uses colorimetric assay technology. However, the VOckit does not analyze the data itself as does SmartCAR. Instead, it automatically sends the data to a software system that uses an algorithm to compare the unknown compound to a library of known compounds.

“A combined chemical biological detection device that small, that automated, and that wide-ranging could put an incredible amount of chemical biological data literally in the palm of your

hand,” said Buckley. “The applications for military and civilian organizations safeguarding the public would be nearly limitless.”

ECBC is the Army’s principal research and development center for chemical and biological defense technology, engineering and field operations. ECBC has achieved major technological advances for the Warfighter and for national defense, with a long and distinguished history of providing the armed forces with quality systems and outstanding customer service. ECBC is a U.S. Army Research, Development and Engineering Command laboratory located at the Edgewood Area of Aberdeen Proving Ground, Maryland. For more information about ECBC, visit the organization website at <http://www.ecbc.army.mil> or call 410-436-1479.

Don't slip and fall down on the job

USACRC

One safety hazard that affect nearly everyone is slips, trips and falls. All, especially falls, have an element of surprise, which makes for funny comedy routines, but falls aren't funny when they are real. Falls are one of the leading causes of workplace injury and death. These aren't necessarily falls from heights such as from ladders or construction scaffolds. Most are same-level falls such as slipping on a wet floor in the break room, tripping over a pallet, slipping on ice or tripping on the stairs.

Main causes of workplace slips, trips and falls

Poor housekeeping: This includes scrap on floors, such as bolts, broken lumber or rocks; spilled liquids, like chemicals, coffee, water or rain dripping from umbrellas; improperly placed materiel like empty boxes or pallets left in walkways or doorways; and equipment cluttering aisles are all scenarios that can lead to slipping, tripping or falling if these hazards are not corrected. Don't assume someone else will take care of it. Correct it now to prevent an injury to a team members.

Dangerous surface conditions: These include broken or cracked surfaces; protruding nails; unmarked elevations; torn carpets; loose or curled mats; icy walkways and wet or slippery floors. All are hazards that need correcting when observed.

Insufficient lighting: This includes dim or incorrect lighting; glare in dangerous areas, or flickering/strobe lighting that distorts perception. Ensure lighting is sufficient to reduce or eliminate shadows and enhance vision.

Inattention to tasks: Carelessness brought on by inexperience, horseplay, fatigue, hurrying or lack of focus. This can include something as simple as missing your seat while attempting to sit down

while your hands are full and being unable to catch yourself. Pay attention to the little things to avoid slip ups.

Improper footwear: Make sure your shoes are right for the task or conditions. Shoes that are not properly fastened; are too large or too small; have slippery soles or oversized heels are not only hazardous but dangerous in certain settings.

Preventing falls

Falls aren't funny. They cause injuries and death. Keep these tips in mind to prevent avoidable accidents to you and your coworkers.

- Keep obstructions out of walkways.
- Keep doors and drawers on cabinets and workbenches closed.
- Keep floors as clean and clear of debris as possible. Clean spills promptly. Place barricades or warning signs as needed for slippery surfaces. Place cleaning supplies where everyone can find them.
- Secure floor coverings such as carpets, mats and tiles. Report hazards to your manager or building supervisor.
- Focus on walking safely and don't run in work areas.
- Make sure your footwear is not a hazard. Keep shoelaces tied and ensure tread is adequate. Shoes should fit comfortably and have low heels.
- Properly barricade any hazardous areas such as construction zones.
- When carrying an item while walking ensure you can see over and around it. If possible, keep one hand free for balance or to catch yourself. This is especially important on stairways.
- Correct or report all hazards or obstacles in work or traffic areas.

For more information, visit the U.S. Army Combat Readiness Center website at <https://safety.army.mil/>.



Courtesy photo and graphics

Several tips to prevent slipping and falling in the workplace are: 1. Keep obstructions out of walkways. 2. Keep doors and drawers on cabinets and workbenches closed. 3. Keep floors as clean and clear of debris as possible. Clean spills promptly. Place barricades or warning signs as needed for slippery surfaces.

BY THE NUMB#RS

Brain Injury Awareness Month

March is recognized annually as Brain Injury Awareness Month. According to the Centers for Disease Control and Prevention, or CDC, traumatic brain injury, or TBI, is a major cause of death and disability in the United States, contributing to about 30 percent of all injury deaths.

\$1.1 billion

Estimated amount that the Department of Defense spends annually on TBI education and treatment.

1.7 million

Estimated number of people in the U.S. who sustain a TBI annually.

62,000

Children in the U.S., per year, who sustain brain injuries requiring hospitalization as a result of motor vehicle crashes, falls, sports injuries, physical abuse and other causes.

138

Number of people in the U.S. per day, who die from injuries that include TBI.

9

Years since the United States Department of Veterans Affairs, or VA, implemented mandatory TBI screening for all veterans accessing care in VA who served in combat operations and separated from active duty service after Sept. 11, 2001.

By **RACHEL PONDER**, APG News
Source(s): www.cdc.gov
www.mayoclinic.org
<http://www.military.com/>
www.armymedicine.mil/
<http://www.biausa.org>

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To view more photos of events going on at and around the U.S. Army Garrison Aberdeen Proving Ground, visit the garrison Flickr site <http://www.flickr.com/photos/usagapg/>

5 ways to reuse your copy of the APG News

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





All Things Maryland

Chronicling Route 40

Pulaski Highway portion once a booming Maryland highway

By **STACY SMITH**
APG News

As the classic song goes, cross-country motorists notoriously got “their kicks on Route 66.” The iconic highway that stretched from Chicago, Illinois to Santa Monica, California was the inspiration for American songwriter Bobby Troop’s classic rhythm and blues standard.

The creation of the Interstate Highway System in the late 1950s led to Route 66’s eventual decline and replacement, which reduced the once well-travelled highway to nothing more than a blip on America’s cultural road map.

U.S. Route 40, and its four-lane portion east of Baltimore better known to Marylanders as Pulaski Highway, was also once a corridor of American commerce and industry whose heyday is long gone. The Maryland portion of the highway, which runs from Cumberland, Maryland to Cecil County, also helped make APG a major center of research, development and troop training. Many dwellings and housing developments were built for the influx of military personnel, some of which are still in use today.

According to Bob Dean, local genealogist and vice president of the Greater Chesaco Community Association, Inc. in Rosedale, Maryland, Pulaski Highway was built to replace Route 7, also known as Philadelphia Road, which had been widened numerous times in an attempt to accommodate growing traffic.

The new divided highway formally opened in June 1941, and at that time it was commonly called the New Philadelphia Road, though road maps officially identified it as the “Governor Nice Highway,” after Maryland’s 50th governor, Harry Nice, who took office in 1935. But the name was eventually recalled because roads built with federal aid couldn’t be named after a living person.

Former Baltimore City Councilman Frank Markiewicz and a group of Polish-American Citizens Committee members led a delegation to Annapolis in 1939 to urge that the new road be named the Pulaski Highway, in honor of the Revolutionary War hero Brig. Gen. Casimir Pulaski.

“When somebody leaves New York to drive to Washington, he comes out on the Pulaski Skyway,” Markiewicz said.



(Left) A postcard of The Motel Aberdeen, circa 1960, advertises luxurious, midcentury amenities: television, radial heat, and comfortable mattresses. It was one of several convenient spots where travelers could rest their heads for a night.

(Below) This World War II-era black and white aerial photo depicts the intersection of Route 40 and Edgewood Road.

Courtesy photos

“Why should not we in Maryland be consistent and name our portion of this same highway after Pulaski also?”

Born in Poland in 1745, Pulaski joined the American forces in 1777 under George Washington, who asked him to organize a corps of cavalry. He recruited men from Maryland and named the troop “Pulaski’s Maryland Legion.” The “father of the American cavalry,” as he was known, was mortally wounded during the 1779 siege of Savannah, Georgia.

By the late 1930s, restaurants, motels and commercial interests sprang up along Pulaski Highway.

“Everything boomed after the war” Dean said.

The new road cut through farms and personal property, and families were compensated from the government for what they lost, he added.

“Now they had money in their hands and there was a business opportunity there,” Dean said. “You needed filling stations, restaurants and motels.”

These accommodations made long-distance drives a more pleasant experience. Families could vacation away from home, stopping here and there along the way.

“The road was a well-traveled route to Ocean City. You had to go through Delaware and drop down; we didn’t



have the Bay Bridge,” Dean said.

Pulaski Highway drivers could also rest their 1930 Fords, a car Dean said was the model used by most drivers then, but which “wasn’t exactly a road warrior.”

Today, people might consider Pulaski Highway just a road that shadows the busier I-95, but Route U.S. 40 was once a glamorous gateway to Philadelphia, New York and various other vacation destinations.

Living with coyotes, the newest addition to APG

DPW Conservation Branch

Aberdeen Proving Ground is the home of a great variety of wildlife -- raccoons, opossums, squirrels, groundhogs, deer, fox, hawks and songbirds can be seen in the cantonment areas. The newest addition to this list is the coyote.

Coyotes were historically found west of the Mississippi River in the prairies and desert areas of central North America and Mexico. As competing predators were eliminated or reduced in other parts of the country, coyotes expanded their range. They now can be found in every state and province in North America. Coyotes were first documented in Maryland in 1972 in Cecil, Frederick and Washington counties. Since that time, they have expanded statewide, with the highest numbers occurring in Western Maryland and the lowest on the Eastern Shore.

Almost no animal in America is more adaptable to changing conditions than the coyote. Coyotes can live just about anywhere. They are found in deserts, swamps, tundra, grasslands, brush, and dense forests, from below sea level to high mountains. They have also learned to live around humans in suburbs and cities.

A typical coyote resembles a small lanky German shepherd. They have large erect ears, a long, tapered muzzle, and a bushy tail that is carried low to the ground. Most coyotes are brownish gray in color with a light gray to cream-colored belly. However, a coyote’s color varies and some animals appear blond, red, or black. Most coyotes have dark or black hairs over their back and tail and black tail tip.

Average adult weight ranges from approximately 30 to 40 pounds; coyotes often look heavier than they are because of their thick fur. The average length from the tip of the nose to the tip of the tail is 4 to 5 feet, and shoulder height varies between 1-1/2 to 2 feet. Males are



typically larger than females. Coyotes from the northeastern United States tend to be larger than those found west of the Mississippi River.

Coyotes have one litter per year, typically of four to six pups. Both parents help care for the pups. Coyotes are nocturnal, but with pups to feed, it’s not uncommon to see males and females hunting during daylight hours. Newly independent pups that are learning to hunt also may be seen during the day. Daytime activity alone is not an indication of rabies or other illnesses. Most sightings of coyotes occur during the hours close to sunrise and sunset.

One of the keys to the coyote’s success is its diet. Coyotes are opportunistic feeders, meaning they will feed on whatever is most readily available and easiest to obtain. The coyote will eat rodents, rabbits, groundhogs, deer, birds, frogs, grasshoppers, fruits and vegetables, pet food left outdoors, birdseed, road kills, and just plain garbage. This ability to eat nearly anything often brings coyotes into residential areas in search of easy meals.

Coyotes are incredibly intelligent,

and they have learned how to thrive in close proximity to people. However, coyotes that become too comfortable around humans can quickly become pests. Ensuring that coyotes are viewed as good neighbors has as much to do with our actions as it does with theirs.

Minimize contact

Coyotes are drawn to neighborhoods for three reasons: food, water, and shelter. Here are some things to do and not do in order to keep coyotes wild and to minimize conflicts:

- Never feed coyotes or wildlife (other than birds). Feeding, whether direct or indirect, can cause coyotes to act tame and may lead to bold behavior
- Don’t leave bowls of pet food or water outside
- Keep garbage in sturdy containers with tight-fitting lids
- Keep compost in enclosed bins instead of exposed piles
- Keep barbecue grills clean to reduce attractive odors
- Keep bird feeders out of reach and don’t let seeds accumulate on the ground. Seed attracts many small mam-

(Left) A typical full grown coyote resembles a small lanky German shepherd and weigh 30-40 pounds.

(Below) A young coyote scopes out the area

Courtesy photo



mals that coyotes prey upon

- Keep pets inside at night and watch small dogs while outside, even during daylight hours. Always walk your dogs on a leash
- Keep cats indoors
- Don’t tolerate coyotes around your yard. Stand tall and maintain eye contact. Yell, wave your arms, bang pots, blow whistles and generally appear as something the animal wants to avoid. The goal is to reinforce a coyote’s natural instinct to avoid people.

For more information, contact the Deidre DeRoia, DPW Conservation Branch, at 410-278-0536 or deidre.m.deroia.civ@mail.mil.

MORALE, WELFARE & RECREATION



Learn more about APG MWR activities and services by going online at www.apgmwr.com.

Upcoming Activities

LEISURE & TRAVEL TRAVEL FAIR AND SPRING BAZAAR MARCH 9

10 a.m. - 2 p.m.; APG North (Aberdeen) recreation center ballroom

The Annual Travel Fair is the perfect forum to find out new and interesting destinations to explore. There will be vendor displays and give-a-ways with lots of information to gather on many travel destinations and attractions in the northeast region. Take a stroll through the bazaar area and maybe find a special gift for yourself or an Easter present.

For more information visit MWR Leisure Travel Services at APG North (Aberdeen) recreation center, Bldg. 3326. For questions call 410-278-4011/4907 or email usarmy.apg.imcom.list.apgr-usag-mwr-leisuretravel@mail.mil.

FAMILY MOVIE NIGHT MARCH 11

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

MWR will host a family movie night featuring "The Lorax" and youth craft at the APG North (Aberdeen) recreation center starting at 6 p.m. The free event will include youth crafts and giveaways. Food and drink will be available for purchase.

For more information, call 410-278-4011.

FAMILY MOVIE NIGHT MARCH 25

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

MWR will host a family movie night featuring "Horton Hears a Who" and youth craft at the APG South (Edgewood) recreation center starting at 6 p.m. The free event will include youth crafts, giveaways and light snacks. Families are allowed to bring their own meal.

For more information, call 410-278-4011 or 410-436-2862.

CLUE - A WHODUNIT MURDER MYSTERY & DINNER THEATER APRIL 28

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

Admission: \$10 Active Duty \$15 Civilians (Not for children - contains adult language)

Doors open at 5:30 p.m., with a cash bar. Dinner buffet begins at 6 p.m. Show starts at 7 p.m. and will last approximately two hours. To register or for more information visit MWR Leisure Travel Services at APG North (Aberdeen) recreation center, Bldg. 3326.

For questions call 410-278-4011/4907 or email usarmy.apg.imcom.list.apgr-usag-mwr-leisuretravel@mail.mil.

CHILD & YOUTH SERVICES 'LET'S COOK' YOUTH COOKING CLASSES MARCH 26

International cooking class will teach children different skills to prepare foods from different places around the world. The children will learn about sanitation and kitchen safety. They will also be taught different recipes that require little help from their parents. Children will learn to cook up to three dishes including a main dish and a dessert.

Classes are held one Saturday each month. Registration is required along with a \$17 supply fee. Children must be 7-years-old or older.

For more information, email Shirelle Womack at shirelle.j.womack.naf@mail.mil.

MISSOULA CHILDREN'S THEATRE: "PETER AND WENDY" OPEN AUDITIONS MARCH 28

4:30-6:30 p.m.; APG North (Aberdeen) Youth Center

SKIESUnlimited will host a week-long tour residency with the Missoula Children's Theatre to present "Peter and Wendy." Give your children the opportunity to shine! The week-long camp culminates in a public performance, starring local children, complete with professionally designed scenery and costumes.

Auditions are open to youth ages kindergarten through 12th grade and no preparation is needed. Assistant directors will also be cast to assist with the technical aspects of the production.

The "Peter and Wendy" workshop/camp will run March 28 to April 1, and the children's performance will be April 2 at 1:30 & 3 p.m. For more information, contact SKIES at 410-278-4589.

NATIONAL CHERRY BLOSSOM FESTIVAL BUS TRIP APRIL 16

The National Cherry Blossom Festival is an annual two-week event that celebrates springtime in Washington, D.C. as well as the 1912 gift of 3,000 cherry blossom trees from Mayor of Tokyo to the city of Washington, DC. The gift and annual celebration honor the lasting friendship between the United States and Japan. Over the years, millions have participated in the annual event that heralds spring in the nation's capital.

The bus will leave the APG North (Aberdeen) recreation center at 7:30 a.m. and return at approximately 7:30 p.m. The cost is \$32 per person.

Reserve your seats today by calling 410-278-4011 or visiting the MWR Leisure Travel Office at the APG North recreation center.

For more information about the festival, visit: www.nationalcherryblossomfestival.org

MONTH OF THE MILITARY CHILD 2K COLOR FAMILY FUN RUN APRIL 23

APG MWR will host a free 2K Color Family Fun Run starting 10 a.m. at the APG North (Aberdeen) youth center. Rain date will be Saturday, April 30. Active-duty, Reservist, wounded warrior and Gold Star family registration begins Feb. 22. All other registration begins Feb. 29. Registration is open to the first 750 participants. All ages are welcome.

Register online at <https://apgmomccolorrun2016.eventbrite.com>. All participants, regardless of age, must register. The first 300 youth ages 3 to 15 will receive a t-shirt.

Volunteers are needed for the fun run. Volunteers can register at <https://apgvolunteercolorrun2016.eventbrite.com>.

BEFORE & AFTER SCHOOL CHILD CARE IMMEDIATE OPENINGS

Participants must be registered with the CYSS Parent Central Office. Fees are based on total family income. Fees waived for all middle school students' afternoon care.

For more information, contact the Parent Central Office at 410-278-7571.

SPORTS & RECREATION SUTHERLAND GRILLE CLOSES FOR SEASON THROUGH APRIL 4, 2016

The Sutherland Grille at Ruggles Golf Course is closed for lunch service for the winter season and reopens April 4. During this time, the grille will be available for meetings and special events.

For more information and the special event menu, call 410-278-4794.

ARMY COMMUNITY SERVICE PERSONAL FINANCE FOR WOMEN MARCH 10

11:30 a.m. to 12:30 p.m., ACS Bldg. 2503

Women face some unique personal finance challenges. This class will address how to overcome these challenges and set up ways to make the most of your money. For more information contact Leary Henry leary.g.henry.civ@mail.mil 410-278-2453.

HOME BUYING SEMINAR MARCH 16

11:30 a.m. to 12:30 p.m., ACS Bldg. 2503

This seminar will cover current real estate market conditions, and how that relates to home buying. We will also provide take-home information packets that discuss the step-by-step process as well as useful tips in buying real estate.

For more information contact Leary Henry leary.g.henry.civ@mail.mil 410-278-2453.

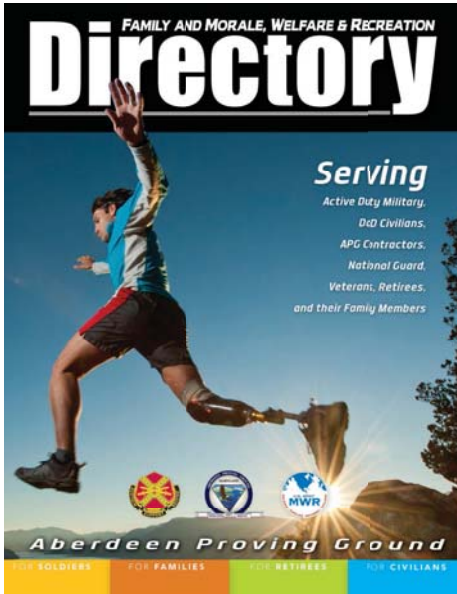
HOW TO START YOUR SMALL BUSINESS MARCH 23

11:30 a.m. to 1 p.m., ACS Bldg. 2503

Army Community Service will host a free "How to Start Your Small Business" seminar.

The orientation program provides a brief overview of the ways to smart-start a business and the skills and duties of a successful entrepreneur. The session is open to Team APG personnel and the public.

To reserve a seat, contact Marilyn Howard at 410-278-9669/7572.



Learn more about APG MWR activities and services by going online at www.apgmwr.com and downloading the FMWR Directory.

APG

2016 Travel Fair

and Spring Bazaar

Wednesday March 9, 10am - 2pm

The Annual Travel Fair is the perfect forum to find out new and interesting destinations to explore. There will be vendor displays and give-a-ways with lots of information to gather on many travel destinations and attractions in the northeast region. Take a stroll through the bazaar area and maybe find a special gift for yourself or an Easter present.

For more information visit MWR Leisure Travel Services at AA Recreation Center, BLDG 3326.

For questions call 410-278-4011/4907 or email us at: usarmy.apg.imcom.list.apgr-usag-mwr-leisuretravel@mail.mil

TEAM APG MONTH OF THE MILITARY CHILD

2K FAMILY COLOR FUN RUN & FESTIVAL

SATURDAY APRIL 23, 2016 (RAIN DATE APRIL 30, 2016)

AA Youth Center 2522 Bayside Dr, APG, MD 10 a.m.-1 p.m.

Registration Dates: Active Duty, Reservist, Wounded Warrior, and Gold Star Families ONLY may sign up starting February 22

Public/Civilians may sign up starting February 29

Registration is open to the first 750 participants. 1st Wave Race starts at 10 a.m. All Ages Welcome

U.S. Army Child, Youth & School Services

VOLUNTEERS NEEDED TO HELP WITH COLOR RUN! <https://apgvolunteercolorrun2016.eventbrite.com>

Please register at <https://apgmomccolorrun2016.eventbrite.com>

All participants must register regardless of age. The first 300 youth ages 3-15 years will be guaranteed a t-shirt. For more information, contact Stacie Umbarger at 410-278-2857 or stacie.e.umbarger.naf@mail.mil

ACC-APG sets cut-off dates for acquisition packages

Tenant Contracting Division

The Army Contracting Command-Aberdeen Proving Ground (ACC-APG), Tenant Contracting Division, has established its Fiscal Year 2016 (FY 16) cut-off date for submission of complete Acquisition Packages to include purchase requests (PRs) and required acquisition documentation.

With proper and early planning, the ACC-APG Tenant Contracting Division can successfully process customer requests that are identified and submitted BY OR BEFORE the date listed below. This greatly enhances the ability of the ACC-APG Tenant Contracting Division to meet customer needs. Packages that might be accepted after the cutoff date will be handled on a best effort basis with no guarantee of award.

The following schedule has been established for the submission of acquisition packages for FY 16. This cutoff date is for the PR and ALL supporting documentation and signed approvals. Incomplete acquisition packages will not be accepted by the Tenant Division. Failure to include the necessary documentation could result in delay, untimely, or non-award of requests.

Cut Off Date: to include but not limited to the actions listed below – May 16, 2016

- Noncommercial items over \$150,000*
- Noncommercial items between \$2,500 for services; \$3,000 for supplies; \$2,000 for construction and \$150,000
- Commercial items under \$150,000
- Commercial items over \$150,000*
- Services under \$150,000
- Services over \$150,000*
- Delivery orders and task orders under existing contracts
- GSA schedule procurements
- Short-of-award over \$2,500**
- Maintenance for FY 2016 – (FY16 Contract Modifications and Options for Existing Maintenance Contracts)

There may be instances where this date may not be adequate for complex actions. It is therefore required that these actions be coordinated with the Branch Chiefs prior to this date. The ACC-APG Tenant Contracting Division encourages our customer activities to coordinate their projected FY-end requirements with their respective branch chiefs during the third quarter in order to discuss acquisition methods and identify

those documents, reviews, and approvals required to accompany the procurement package.

***Customers submitting short-of-award PRs, especially for services requirements, must consider whether funding will materialize. A substantial amount of effort is expended to prepare these pending actions and they must be prioritized after PRs that are funded and PRs that are subject to the availability of funds. Short-of-award actions, if not funded in FY15, should be funded immediately in FY16 as a bona fide need.*

Subject-to-Availability-of-Funds, or SAF, will only be accepted by the Tenant Contracting Division Branch Chiefs. APG activities should consider maximizing use of their Government Purchase Cards to execute small dollar transactions for authorized items rather than submitting a purchase request to the contracting office.

ALL acquisition packages must be submitted electronically and at a minimum shall include the following:

Funded purchase request, statement of work/description of requirement/purchase description, signed Independent Government Cost Estimate (IGCE), Ser-

vice Acquisition strategy (>\$150,000 inclusive of options), Service Contract Approval, COR nomination completed in VCE-COR tool, Quality Assurance Surveillance Plan (QASP), NEC approval and/or AK1 Goal Waiver (IT hardware, software and services), evaluation factors, complete Sole Source Justification (<\$150K and J&A for >\$150K, if appropriate), Antiterrorism/Operations Security (AT/OPSEC) cover sheet, and Market Research.

For more information, contact Cynthia H. Phillips, Chief, Tenant Contracting Division, at 443-861-4812; cynthia.h.phillips.civ@mail.mil, or

Supply & Services Branch Chiefs:

Chanel De Silva, Mission Branch Chief; 443-861-4832; chanel.d.desilva.civ@mail.mil,

Donna J. Bader, Technology Branch Chief; 443- 861-5355; donna.j.bader.civ@mail.mil,

Lane Gary, Facilities Branch Chief; 443-861-5339; lane.m.gary.civ@mail.mil,

Thomas J. Boyle, Contract Support Branch Chief; 443-861-5351; thomas.j.boyle.civ@mail.mil,

Army’s standardized encryption chip comes to the RESCUE

By **KRISTEN KUSHIYAMA**
CERDEC

Almost every communications device issued by the U.S. Army has some level of encryption capability to help prevent sensitive military information from falling into the wrong hands.

Encryption capabilities are traditionally developed during the communications devices’ development, which leads to numerous cryptographic engine cores. These cryptographic engine cores securely process key product information for sender authentication and confidentiality, integrity and non-repudiation of messages.

The U.S. Army Materiel Command’s Communications-Electronics Research, Development and Engineering Center, or CERDEC, is leading the Army’s technology program to decrease the number and variety of cryptographic engine cores by developing a universal encryptor, which will be a common chip that will provide cryptographic services to a wide variety of devices.

Standardizing and creating a National Security Administration-certified universal encryptor will increase capabilities for the Army while decreasing costs and timelines; it will also provide more companies a better chance for competing to create next-generation communication systems, said Donald Coulter, project lead.

The Army can use the REprogrammable Single Chip Universal Encryptor, or RESCUE, in communications devices such as radios, satellites and computers as well as unmanned air and ground systems that use or transmit encrypted information. The Army can also modernize existing systems or develop new systems with RESCUE to easily upgrade their cryptographic capabilities.

The Defense Department chose CERDEC to lead the RESCUE effort because the Army not only has the largest number of devices that need cryptographic service, but CERDEC’s Space and Terrestrial Communications Directorate, or S&TCD, has the inherent cryptographic research and development expertise to develop such capabilities, said Rocio Bauer, chief of the Tactical Network Protection Branch in the CERDEC S&TCD Cyber Security/Information Assurance Division.

Other military and government organizations have similar objectives to create a common cryptographic core chip, but none process as broad of capabilities in this particular form as RESCUE, said Coulter.

“What we want to be able to do is have that solid crypto core that provides the standard cryptographic functions and services that most of our devices need, to include support for Cryptographic Modernization, Key Management Infrastructure-awareness and Product Delivery Enclave-enabled capabilities. That way we can concentrate on the truly innovative and particularly unique pieces of those end technologies,” Coulter said.

CERDEC awarded the development contract to Team Engility Aug. 21, 2015. The production contracts for RESCUE will require the vendor to build to a specification, and the intent



U.S. Army CERDEC graphic

CERDEC is developing the REprogrammable Single Chip Universal Encryptor, or RESCUE, which will be a common chip that will provide cryptographic services to a wide variety of communications devices such as radios, satellites and computers as well as unmanned air and ground systems that use or transmit encrypted information.

is for the Army to make it available to communications or computing platforms that require or support storing, processing, transmitting or receiving encrypted information.

“The contract award for the RESCUE development effort is public, and we will have all the rights with the explicit understanding that whoever wants to do a production contract or who wants to develop a new capability based on this technology- we have everything we need to either utilize it again in its current form, be able to tailor or modify it to reproduce these things,” Bauer said.

As the Army’s eventual standard for cryptographic hardware, RESCUE is being implemented as a Field Programmable Gate Array, or FPGA, meaning that developers can tailor the information on the chip to fill specific encryption needs and be reconfigured and reprogrammed more easily if needed.

“If there’s a new algorithm capability that comes along or a new algorithm, we can actually update the image on there and add that capability so we don’t necessarily have to create a brand new chip and bring every device back and put a whole new chip in. We can update the image on the chip,” Coulter said.

Using RESCUE also allows the Army to have more non-technical acquisition flexibility.

“One of the key, non-technical pieces of this is that we will have government rights to everything we are developing,” Coulter said. “In the past, we have been in the position where we have had the solution, but we don’t have the rights to modify it, repair it.

If we needed to do any of that stuff, we had to go back to the original vendor and get them to do it at whatever rate [cost] they choose.”

The cost and development to provide Soldiers with secure devices that lack a common encryptor may be an unnecessary expense if standardization occurs.

“Every time we generate a new device, we are paying for the same crypto capability, and we are redeveloping and customizing it every single time,” Coulter said.

RESCUE also allows the Army to increase its list of potential vendors.

“Now, we are limited to specific vendors who can do crypto and do communications,” Coulter said. “RESCUE allows us to say ‘the crypto is here’... This is going to free us up to really push those boundaries and edges of research and development of capabilities going forward.”

“There are small business that can have really innovative techniques and ideas for communications, but they don’t have the institutional knowledge or bandwidth and resources to go through and develop a crypto core and go through that whole certification process,” he said.

Army communications systems that transmit and receive classified information must have an NSA certification to ensure they meet NSA’s standards for securing and encrypting classified information; however, the process takes more time if NSA must review an entire product or system.

CERDEC expects certification times for new communications devices to decrease as a result of RESCUE because

the review is not of an entire system.

CERDEC expects RESCUE to condense the NSA certification process for new communications devices because it will provide the Army with the flexibility to use an NSA-certified chip as the basis of its cryptographic functions.

When a product uses the NSA-certified RESCUE, it will not necessitate an NSA review of the entire system as they can now focus on ensuring the device meets their standards and that RESCUE’s certification boundaries did not change when incorporated into the product or system, Coulter said.

“We expect a product review to take around six months, which is down from the standard time that can last up to about 24 months, more or less, to get a certification for a device,” Coulter said.

CERDEC is scheduled to have RESCUE NSA-certified and ready for widespread use in requirements documents by September 2017, though stakeholders who will need RESCUE do not have to wait until then to reach out to CERDEC.

“If someone wants to leverage RESCUE, they can talk to us now to ensure we have the right requirements and that our timeline for development aligns with their needs,” Coulter said. “If there are specific requirements, they can be here while we are designing things, and they can start planning their tailoring and acquisition activities around our timeline of what we are doing and the material we can provide to them.”

AMRDEC leadership team benchmarks with lab

ARL Public Affairs

The leadership team of the U.S. Army Aviation and Missile Research, Development and Engineering Center visited the U.S. Army Research Laboratory Feb. 18-19.

AMRDEC Director James Lackey and members of his staff met with ARL Director Dr. Thomas H. Russell for an overview on the laboratory’s Open Campus initiative and the ARL technical campaigns as well as an organizational overview.

“We collaborate on many, many levels much more than I initially appreciated,” Lackey said. “It’s critical because we live in a complex technological world. Our adversaries are rapidly gaining on us in terms of capability and we are operating under a constrained budget environment. All of these factors drive necessity to pull our collective resources, leverage off each other’s excellence, and continually cross communicate to problem solve our strategic and tactical war fighting challenges.”

These visits are known as “home-on-home,” an opportunity to share success stories between Army organizations.

Russell explained the laboratory’s four pillar strategy of People First, Open Campus, Technical Campaigns and Business Acumen.

“I felt that ARL’s approach on campaign plans and underlying Initiatives was very useful,” Lackey said. “AMRDEC does this on a more localized sub-organization level, but I think there’s opportunity to put this kind of application at a larger enterprise level.”

Members of the AMRDEC leadership team asked many questions of the ARL leaders during a myriad of briefings.

“The primary purpose for us being here is to find those areas where we can leverage more synergy across the Missile S&T areas,” said Dr. Juanita Harris, director of the AMRDEC Weapons Development & Integration Directorate.

Harris said AMRDEC and ARL have a good working relationship with processes in place for collaboration.

“We hope to capitalize on lessons learned and capture better processes,” she said. “I think we’re doing a lot of these kinds of activities, just not to the extent of



Photo by David McNally
Army researcher Dr. Jacob Temme, left, explains fuel experiments to U.S. Army Aviation and Missile Research, Development and Engineering Center Director James Lackey, right, and AMRDEC Weapons Development & Integration Director Dr. Juanita Harris, center, and other team members at Aberdeen Proving Ground, Maryland, Feb. 18.

ARL. There are many areas like cooperative research agreements with international universities in which we’re interested.”

At APG, the group toured ARL’s Weapons and Materials Research Directorate, Vehicle Technology Directorate and Survivability/Lethality Analysis Directorate, as well as the DOD Supercomputing Resource Center. The next day, they toured the Adelphi Laboratory Center.

“World-class expertise exists in many areas here at ARL,” Lackey said. “I was extremely impressed with the leading edge technologies highlighted during my in-depth briefings and tours. The mis-

sion engaged, focused attitude is clearly evident with the various ARL team members I met today.”

Collaboration efforts stream both ways. A team of ARL scientists, engineers and senior VTD leaders traveled to Redstone Arsenal, Alabama, Feb. 9 to conduct a mid-year joint review of S&T collaborations in basic research, structural mechanics, reliability and sustainment, aviation power and concept design and analysis.

“We focused on aviation science and technology capabilities and discussed collaborative opportunities to support current and future Army aviation pro-

grams,” said ARL-VTD Director Dr. Mark Valco.

The U.S. Army Research Laboratory is part of the U.S. Army Research, Development and Engineering Command, which has the mission to ensure decisive overmatch for unified land operations to empower the Army, the joint warfighter and our nation. RDECOM is a major subordinate command of the U.S. Army Materiel Command.

For more information, visit the U.S. Army Aviation and Missile Research, Development and Engineering Center website at <https://www.amrdec.army.mil/amrdec/>.

STEP provides noncommissioned officers roadmap to promotion

By. **DAVID VERGUN**
Army News

“The message is that STEP is important, and if you want to get promoted, you’ve got to get to school,” said Command Sgt. Maj. David S. Davenport Sr.

Davenport, who serves as the command sergeant major of the U.S. Army Training and Doctrine Command, or TRADOC, spoke during a media roundtable, Feb. 17.

STEP stands for “select, train, educate, promote,” and on Jan. 1, it became the roadmap that noncommissioned officers must follow if they want to be promoted.

STEP requirements for promotion are as follows:

- To make sergeant, Soldiers must complete the Basic Leader Course, formally known as the Warrior Leader Course.
- To make staff sergeant, sergeants must complete the Advanced Leader Course.
- To make sergeant first class, staff sergeants must complete the Senior Leader Course
- To make master sergeant or first sergeant, sergeants first class must complete the Master Leader Course
- To make sergeant major, master sergeants or first sergeants must complete the Sergeant Major Course.
- Sergeants major and command sergeants major who are selected to work for general officers must additionally complete the Executive Leader Course.

Importance of STEP

The STEP program “will help our noncommissioned officers become even more professional so they can operate as adaptable leaders in the chaotic and complex world as described in the Army Operating Concept,” Davenport said.

The other important aspect of STEP is that it will provide a talent management tool “to retain and promote the best of the best,” he said.

STEP will ensure that “a Soldier’s stripes will not just be an indicator of rank or pay -- it will be an indicator that each NCO has been appropriately trained as a leader,” he added.

Making the grade

It’s not enough that NCOs just show up for school, Davenport said. They

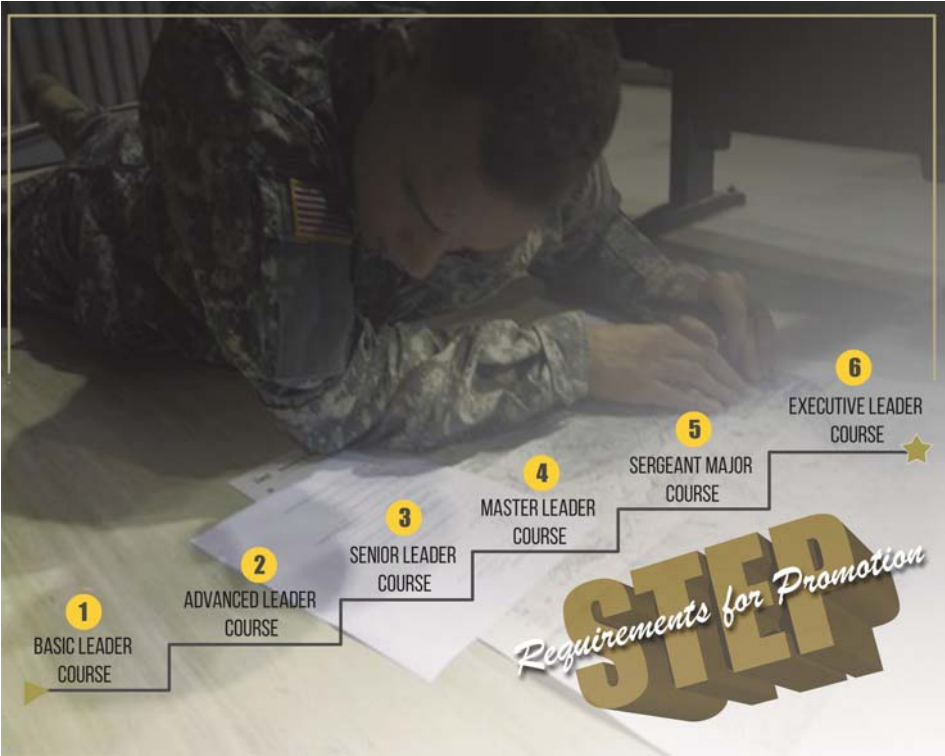


Photo illustration by Peggy Frierson
“The message is that STEP is important, and if you want to get promoted, you’ve got to get to school,” emphasized Command Sgt. Maj. David S. Davenport Sr., command sergeant major of U.S. Army Training and Doctrine Command.

must also display competency in the classroom.

To grade that, Department of the Army Form 1059, “Academic Evaluation Report,” has been “retooled,” he said. “We want to start talking about grade point averages, how students did on their writing assignments,” and so on. Also, there’s room on the form for instructors to write about the student’s “competency attributes while they were in the course.”

The NCOs are not the only ones who must make the grade. So too does the schoolhouse, he said.

“We’re making sure [NCOs] have a first-class experience in the classroom,” he said. “Once we have them in the school house, we have to ensure the [program of instruction] is relevant and that it has some rigor behind it and is taught by first-class instructors.”

Pilot studies

To ensure the new Master Leader Course, or MLC, is up to par, Davenport said the Army has conducted two pilot studies and is in the process of starting

a third.

The first two pilots were with the Army National Guard and Army Reserve and the third will start next month with the Regular Army, he said. Once the third is complete, the MLC becomes a program of record beginning Oct. 1.

Regarding the pilots thus far, “we’ve gotten great feedback,” he said. “The Soldiers liked the rigor behind it.”

Students actually need to prepare for the class even before they arrive, he said. Soldiers who prepared said they had an edge, he noted.

Soldiers also reported liking the “reflective time” that was provided, he said. While Soldiers are given a lot of material to absorb, and that they would later be tested on, they were also given “time to absorb the material. And then we come together to process it and see how well they retained the information.”

One of the biggest misconceptions regarding MLC is that it’s like the old First Sergeant Course taught at Fort Bliss [Texas] years ago, he said.

“It’s much more than that,” he said.

“We’re helping them transition from that tactical level to the operational level and we’re actually exposing them to some strategic-level thought and experiences. For instance, mission command; what does that really mean and how does it differ from the old command and control?”

STEP attendance record

As of last fall, about 14,000 NCOs were “in the black-log,” meaning they were promoted to various grades in the NCO Corps, but had not received their formal PME [professional military education],” Davenport said.

Since that time, the numbers have improved, with several thousand getting their PME, and over time, the backlog should dwindle, he said.

Units need to ensure their Soldiers are slated and ready to go to school, and Soldiers need to ensure their requirements are met, such as physical fitness and so on, so they get in on time, he said.

Clearing a misconception

During his town halls, Davenport said that a popular misconception regarding STEP is that TRADOC “doesn’t have enough capacity to get them in school. We do have the capacity.”

STEP “is the number one thing that comes up in the town halls and I think it was one of the most popular blog entries when we first announced it” last year, he noted, adding that it’s the “most emotional” topic he’s encountered thus far with NCOs.

PME name change

Lastly, Davenport said that the Army announced that the Noncommissioned Officer Education System, or NCOES, would be renamed the Noncommissioned Officer Professional Development System, or NCOPDS.

Davenport said NCOPDS reflects a new “organizational framework to develop the next generation of competent and committed NCOs.”

“The reason we did that was so the force can understand that it’s more than just the education -- it’s the experiences you get doing various jobs, it’s about stepping outside of your comfort zone, taking on a broadening assignment -- ranging from drill sergeant to recruiter to working with industry -- so it’s changing the entire system.”

Submit letters to the editor to usarmy.apg.imcom.mbx.apg-pao@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 1976.

By YVONNE JOHNSON, APG News

2015
2010
2000
1990
1980
1970
1960
1950

10 Years Ago: March 2, 2006



(Above) Sgt. Apollo Melo of the 389th Army Band (AMC's Own), right, instructs Quadea Bishop, a 5th grader at Halls Cross Roads Elementary School, on the clarinet during a mentoring session.



(Right) Garrison Commander Col. John T. Wright explains Warfighter apparel to youth at St. Joan of Arc Elementary School during the school's Career Day activities.

25 Years Ago: March 6, 1991

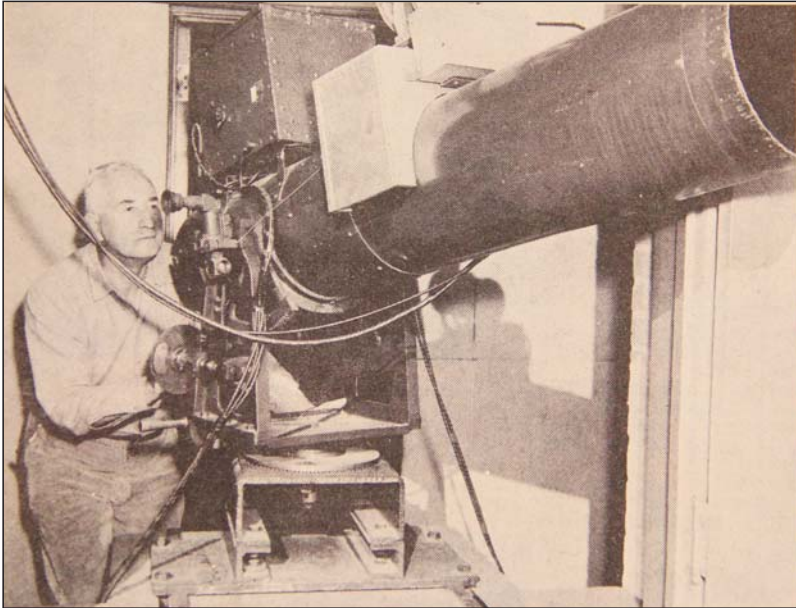


(Above) Directorate of Engineering and Housing electrician Ed Benjamin, right, explains the new traffic control device at Rodman Road and Aberdeen Boulevard to coworker Denny Cohenour.

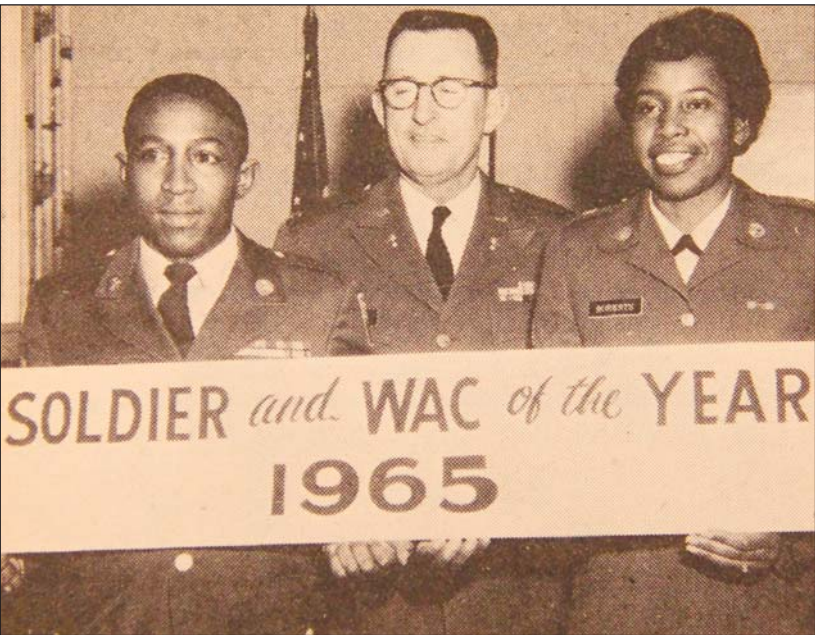


(Right) Ed Isom, a lineman with the Directorate of Engineering and Housing's projects branch, attaches a yellow ribbon honoring troops deployed to the Persian Gulf, to the APG Thrift Shop building.

50 Years Ago: March 3, 1966



(Left) APG marks the 48th anniversary of the first successful operation of the Aberdeen Chronograph, a velocity measuring device designed and developed by APG personnel that measures the velocity of projectiles. It was first operated March 1, 1918.



(Right) APG Commander Col. Elmer W. Grubbs, center, helps hold the celebration banner while standing between APG Soldier of the Year Sgt. Walter C. Ruth of Kirk Hospital, left, and WAC of the Year Staff Sgt. Norma J. Roberts of the U.S. Army Ordnance Center and School.

MERS vaccine clinical trial to begin

By **CHERYL PELLERIN**
ARNEWS

Army scientists at the Walter Reed Army Institute of Research, or WRAIR, recently started vaccinations in the first clinical trial to test the safety and immune response in people of a vaccine candidate to prevent Middle East respiratory syndrome, known as MERS.

A MERS vaccine would be an important medical countermeasure for U.S. troops in the Middle East and wherever the virus might arise, officials said.

MERS is a severe respiratory disease similar to severe acute respiratory syndrome, or SARS. Both are coronaviruses. MERS was first identified in Saudi Arabia in 2012 and has since infected more than 1,600 people.

The coronavirus kills about 40 percent of those infected, principal investigator Dr. Kayvon Modjarrad told DOD News in a telephone interview, “So low prevalence doesn’t mean low risk.”

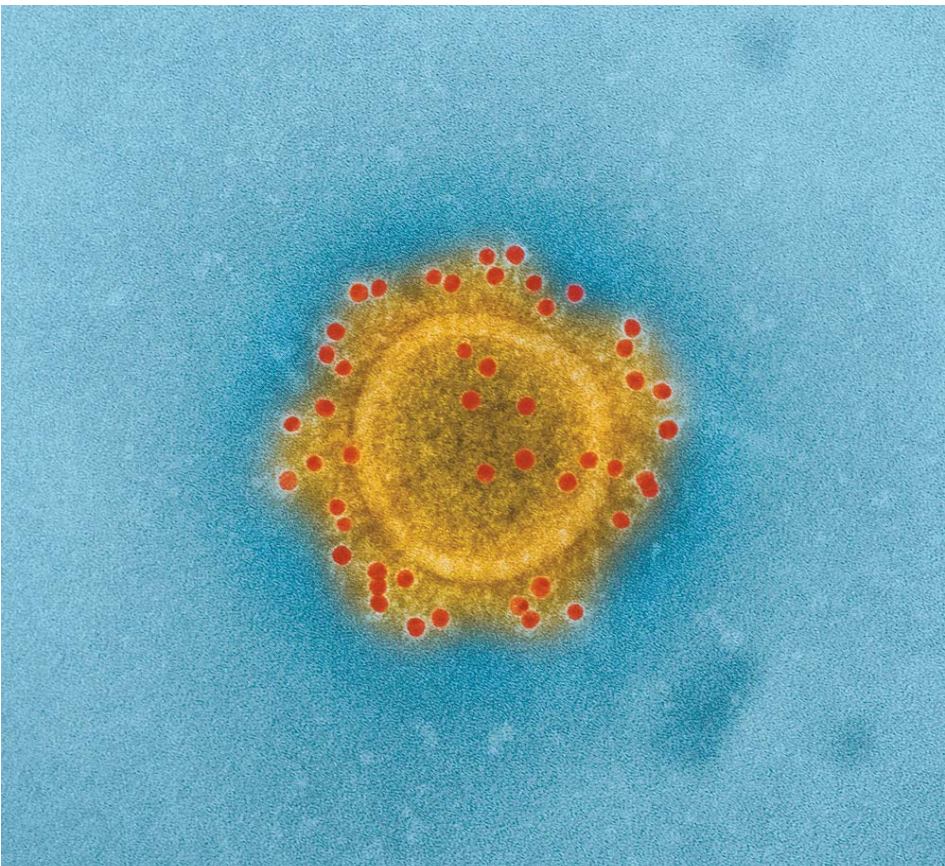
Modjarrad is associate director for the Emerging Infectious Disease Research Program at Walter Reed Army Institute of Research (WRAIR).

MERS countermeasures

The virus circulates mainly in Saudi Arabia, where most cases have been reported, Modjarrad said. But the World Health Organization, also known as WHO, reports that MERS cases infected in the Middle East and exported outside the region have been confirmed in 26 countries, including two in the United States. And last year, South Korea had the largest outbreak outside the Middle East, Modjarrad added.

With about 35,000 U.S. troops on the ground in Middle East countries that make up U.S. Central Command’s area of responsibility and more than 27,000 in South Korea, a MERS vaccine would be an important countermeasure for the Defense Department, the infectious disease specialist said.

The most common MERS symptoms



National Institute of Allergy and Infectious Disease photo
This image shows Middle East respiratory syndrome coronavirus particle envelope proteins immunolabeled with rabbit HCoV-EMC/2012 primary antibody and goat anti-rabbit 10-nanometer gold particles.

are fever, cough and shortness of breath. Older people and those with weakened immune systems are at greater risk for severe disease and death. There are no approved MERS vaccines or specific treatments, according to WRAIR.

First clinical trial

“This is a really important step that we’ve taken to initiate a Phase I trial for MERS, and I’m hopeful that this will inform studies to follow. But I can’t say exactly when we expect to have a MERS vaccine ready for licensing,” he said.

Other vaccine candidates have been tested for use in camels, the likely source of the coronavirus that causes MERS,

but this vaccine candidate is the first to be tested in people, a WRAIR news release said.

Seventy-five participants will receive the vaccine at WRAIR’s Clinical Trial Center in Silver Spring, Maryland. The vaccine, called GLS-5300, is being co-developed by Inovio Pharmaceuticals and GeneOne Life Science Inc.

“Along with the development of countermeasures, we really need to understand the epidemiology and the pathogenesis of this virus better,” Modjarrad said, adding that scientists are sure camels are the reservoir for MERS, and that there has been limited person-to-

person transmission.
“Having said that,” he added, “the whole South Korean outbreak was all human to human.”
One person went back to South Korea from the Saudi Arabian peninsula and infected another 80 people and then eventually, through person-to-person contact, 186 people got infected with this virus, Modjarrad said.
“So there’s a great risk that [MERS] could cause major outbreaks even in settings where there are no camels,” he said.

MERS DNA vaccine

Modjarrad said the MERS vaccine being tested is a DNA vaccine.
“One of the benefits of a DNA vaccine is that you don’t need any kind of culture system, like eggs, and you can produce it very quickly,” he explained. “That’s why we have a vaccine so quickly, because we have a backbone that has been used for other types of vaccines.”
In the GLS-5300 vaccine candidate, the DNA has part of the MERS virus, but it goes into a larger backbone that has been used for other kinds of vaccines, including those for influenza, human papilloma virus and Ebola virus, he added.

Global health landscape

DNA technology will shorten the time it takes to produce and ramp up the vaccine once it’s been approved by the Food and Drug Administration, Modjarrad said. In addition, the Ebola outbreak in West Africa plays a part in shortening the time it takes to get the vaccine to patients.
“The landscape of global health and of research and development for vaccines and therapeutics has changed in the post-Ebola world,” he said. “The Ebola outbreak mobilized the global community in terms of resources and political will to get things moving along faster timelines than would ever have been possible or even conceived before.”

2016 APG Chapel Easter Services

Easter Sunrise Service

Sunday, March 27 at 7 a.m.
APG North (Aberdeen) Chapel
Hot breakfast to follow the service, served by Protestant Men of the Chapel

APG North (Aberdeen) Chapel

Catholic Services		
Sunday, March 6	4th Sunday of Lent	8:45 a.m.
Friday, March 11	Stations/Soup	6 p.m.
Sunday, March 13	5th Sunday of Lent	8:45 a.m.
Sunday March 20	Palm Sunday	8:45 a.m.
Friday, March 25	Good Friday	4 p.m.
Saturday, March 26	Easter Vigil	7 p.m.
Sunday, March 27	Easter Sunday	8:45 a.m.

Protestant Services		
All Sunday services at 10:15 a.m.		
Protestant Lenten Bible Study & Lunch		
Wednesdays through March 23	Fellowship hall	Noon

Gospel Services		
All Sunday services at noon		

APG South (Edgewood) Chapel

Catholic Services		
Friday, March 4	Stations/Soup	6 p.m.
Sunday, March 6	4th Sunday of Lent	10:45 a.m.
Sunday, March 13	5th Sunday of Lent	10:45 a.m.
Friday, March 18	Stations/Soup	6 p.m.
Sunday March 20	Palm Sunday	10:45 a.m.
Thursday, March 24	Holy Thursday	7 p.m.
Friday, March 25	Good Friday	4 p.m.
Sunday, March 27	Easter Sunday	10: 45 a.m.

Protestant Services		
All Sunday services at 9:15 a.m.		

Jewish Holy Days

Point of contact: Col. Jonas Vogelhut
443-619-2304

Passover begins Friday, April 22
Passover ends Saturday, April 30

Stations of the Cross, Soup and Bread

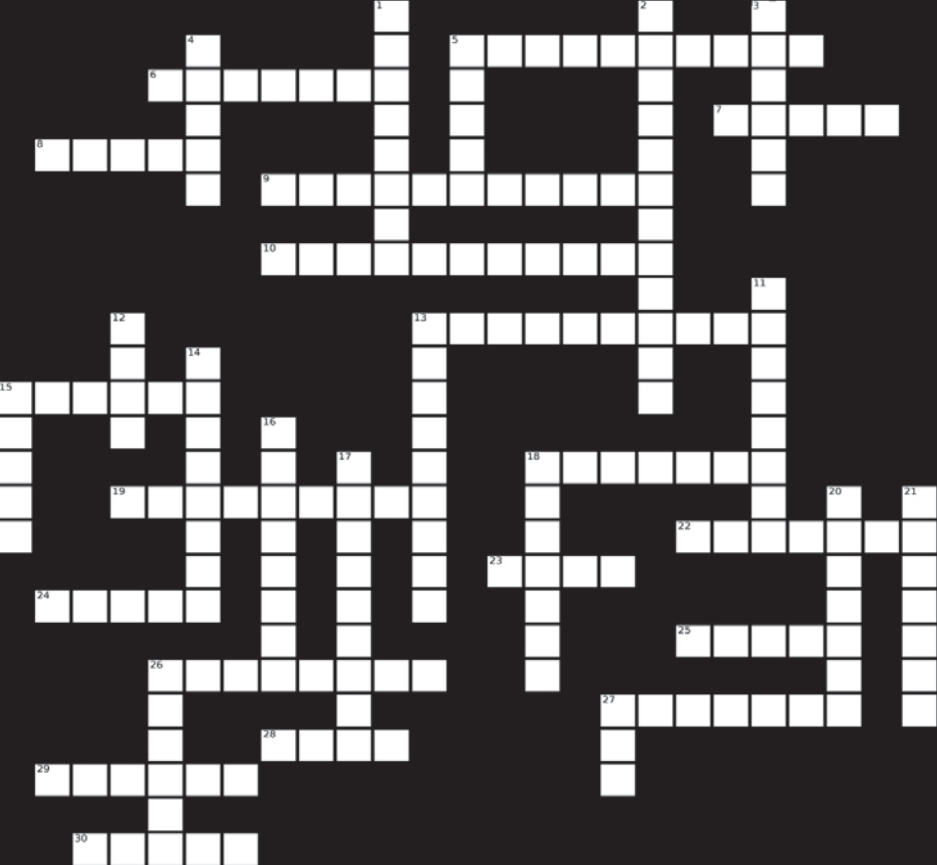
Followed by a study on “The Seven Deadly Sins”
Every Friday during Lent.
See APG North and APG South chapel schedules for alternating dates and locations.

For more information about upcoming services and special events,
contact the APG Main Post Chapel administrative office at 410-278-4333.



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

Severe Weather

By **RACHEL PONDER**, *APG News*

Severe weather can occur in any season. Complete this trivia puzzle to test your knowledge about natural weather hazards. To ensure you’re prepared for weather emergencies, visit www.ready.gov.

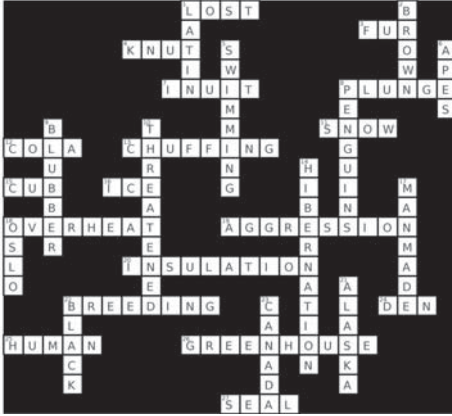
Across

5. Mount St. Helens is an active volcano located in this U.S. state.
6. An _____ clipper is a fast moving low pressure area which generally affects the central provinces of Canada and parts of the Upper Midwest and Great Lakes regions of the United States.
7. The U.S. has more tornadoes than any other country in the world. The area tornadoes are most frequent is nicknamed “Tornado _____.”
8. The Giant _____ system is an outdoor siren system used on APG during emergencies.
9. This medical condition can occur during prolonged exposure to extremely cold weather.
10. The “APG _____ Weather Group,” assembles prior to any major weather event that might affect APG and the surrounding community.
13. The deadliest tornado in recorded world history that occurred in this South Asian country April 26, 1989, took at least 1,300 lives.
15. A _____ line is an elongated line of severe thunderstorms that can form along or ahead of a cold front.
18. A widespread, long-lived wind storm that is associated with a band of rapidly moving showers and thunderstorms.
19. A downhill sliding or falling of a mass of soil or rock on or from a deep slope that can move gradually or rapidly and unexpectedly, and cause massive damage and loss of life.

22. The costliest hurricane in U.S. history, resulting in \$108 billion in damage.
23. A _____ storm is a meteorological phenomenon common in arid and semi-arid regions.
24. The Weather Channel named this January 2016 winter storm that affected parts of the Mid-Atlantic and Northeast United States.
25. Earthquakes happen along cracks in the earth’s surface, called _____ lines.
26. The most common natural disaster, according to Ready Army.
27. This 1996 weather disaster movie starred Helen Hunt and Bill Paxton.
28. Term for a very strong wind.
29. According to the Red Cross, these types of homes are not safe during tornadoes.
30. _____ ice refers to a thin coating of glaze ice on a surface, especially roads.
1. The _____ scale is an empirical measure that relates wind speed to observed conditions at sea or on land.
2. President Barack Obama popularized this term for a large snow storm while speaking at the Democratic National Committee meeting on Feb. 8, 2010.
3. The May 22, 2011 _____ tornado in Missouri, is considered the costliest tornado in recent history, with damage totals near \$2.8 billion.
4. Rain that freezes into ice pellets before it reaches the ground.
5. This message is used when the risk of a hazardous weather or hydrologic event has increased significantly, but its occurrence, location, or timing is still uncertain.
11. A weather condition in which visibility and contrast are severely reduced by snow or sand.
12. According to the American Red Cross, in recent years excessive _____ has caused more

- deaths than all other weather events, including floods.
13. An instrument for measuring atmospheric pressure.
14. The “Tri-State Tornado,” the deadliest tornado in U.S. history, occurred March 18, 1925 and affected parts of Missouri, Indiana and _____.
15. The most deadly and destructive hurricane of the 2012 Atlantic hurricane season.
16. A specific type of short-lived, low-level rotating cloud that can form in a severe thunderstorm.
17. The perceived decrease in air temperature felt by the body on exposed skin due to the flow of air.
18. A prolonged period of excessively dry weather, it can produce crop damage and shortages in the water supply.
20. The _____ magnitude scale assigns a magnitude number to quantify the energy released by an earthquake.
21. This message is issued when a hazardous weather event is occurring, imminent, or likely and conditions pose a threat to life or property.
26. The Enhanced _____ scale rates the strength of tornadoes in the United States and Canada based on the damage they cause.
27. Number of tsunami warning centers operated by the National Oceanic and Atmospheric Administration, or NOAA.

Think you solved last week’s puzzle?
Check out the solution below
Solution to the February 25 puzzle



WORD OF THE WEEK

Sagacity

Pronounced: suh-GAS-i-tee

Part of speech: Noun

Definition:

1. The quality of being sagacious.

2. Acuteness of mental discernment and soundness of judgment

Use:

Though only 12 years old, she was a child of rare sagacity, who within minutes completely charmed the members of the jury.

With patient sagacity, he sat through the torrent of insults and accusations, secure in the knowledge of his noncomplicity and eventual deliverance.

Thanks to the foresight and practical sagacity of their seasoned guide the explorers found shelter and safety in places where travelers before them succumbed to the hostile environment.

By **YVONNE JOHNSON**, *APG News*

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

ACRONYM OF THE WEEK

SDDC

Surface Deployment and Distribution Command

The Military Surface Deployment and Distribution Command is an Army command that delivers origin-to-destination distribution solutions. Whenever and wherever Soldiers, Sailors, Airmen, Marines and Coast Guardsmen are deployed, SDDC is involved in planning and executing the surface delivery of their equipment and supplies.


SDDC is the Army Service Component Command of the U.S. Transportation Command and is a major subordinate command to the U.S. Army Materiel Command. This relationship links USTRANSCOM’s Joint Deployment and Distribution Enterprise and AMC’s Materiel Enterprise. The command also partners with the commercial transportation industry as the coordinating link between DOD surface transportation requirements and the capability industry provides.

The command is responsible for surface transportation and is the interface between DOD shippers and the commercial transportation carrier industry. This includes movement of Department of Defense member household goods and privately owned vehicles and involves providing ocean terminal, commercial ocean liner service and traffic management services to deploy, sustain and redeploy U.S. forces on a global basis.

SDDC averages more than 500,000 household goods moves a year and functions at ports worldwide in support of the movement of DOD cargo.

By **YVONNE JOHNSON**, *APG News*

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



APG CATCH-A-POACHER PROGRAM

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

Call the SUBMIT-A-TIP “HOTLINE” at 410-306-4673.

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

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

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

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

Women’s history and social security

By **NICOLE DECAMPLI**
Social Security District Manager

March is Women’s History Month — a time to focus on not just the past, but on the challenges women continue to face in the 21st century.

Ida May Fuller, born Sept. 6, 1874, was the first American to receive a monthly Social Security benefit check. Fuller received a check in the amount on \$22.54 on Jan. 1, 1940 and she became famous along with Secretary of Labor Frances Perkins, who was instrumental in the creation of the Social Security Act. Back then, people understood that Fuller would be one of millions who would be positively affected by retirement benefits.

Seventy-six years after that first check, Social Security continues to play a vital role in the lives of women. With longer life expectancies than men, women tend

to live more years in retirement and have a greater chance of exhausting other sources of income. With the national average life expectancy for women in the United States rising, many women will have decades to enjoy retirement. According to the U.S. Census Bureau, a girl born today can expect to live more than 80 years. As a result, experts generally agree that if women want to ensure that their retirement years are comfortable, they need to plan early and wisely.

What you can do



“The best place to begin is by knowing what you can expect to receive from Social Security, and how much more you are likely to need to enjoy a comfortable retirement,” said Carolyn W. Colvin, Social Security Acting Commissioner and a Social Security pioneer woman in her own right.

You should start with a visit to the Retirement Estimator on the Social Security Administration website. In just a few minutes, you can get a personalized estimate of your retirement benefits. Plug in different scenarios, such as retirement ages or

projected earnings, to get an idea of how such things might change your future benefit amounts. The Retirement Estimator is located at www.socialsecurity.gov/estimator.

You also should visit Social Security’s financial planning website at www.socialsecurity.gov/planners. It provides detailed information about how marriage, widowhood, divorce, self-employment, government service, and other life or career events can affect your Social Security. Your benefits are based on your earnings, so you should create your personal my Social Security account to verify that your earnings were reported correctly.

For more information about the role of Social Security in women’s lives, visit www.socialsecurity.gov/pubs/10127.html for the booklet, “Social Security: What Every Woman Should Know.”

Garrison LRC SSA achieves record turn-in

Continued from Page 1

“I can’t thank DLA enough for their cooperation,” he said. “We could not have done this without them.”

He credited key in-house organizers who included LRC civilian and SSA Chief Joseph Johnson Jr., and Wolf Creek Federal Service contractors Kendall Wallin, project manager, Nigel Kassie, supply manager, Kenneth Gardner, SSA supply tech lead, and Lorraine Temple, DLA Disposition Services.

Johnson said this was a great opportunity for all parties involved to work together as a team.

“I’d like to thank my team and congratulate them on a job well done,” he said.

“The bottom line is that the operation took quite a bit of effort and flexibility, but it was not outside the scope of what we do on a daily basis.”

Kendall Wallin
Wolf Creek Federal Service contractor, project manager

DLA Disposition Services is responsible for the disposal of excess DOD property. They determine status and assist with necessary forms. LRC SSA personnel packed, loaded and transported the excess property. Thirteen civilians and contractors and about 20 20th CBRNE Soldiers participated in the operation. Throughout, service to other APG customers was uninterrupted.

Wallin said that many of the contract personnel are military veterans or retir-

ees who are very good at what they do.

“The bottom line,” he said, “is that the operation took quite a bit of effort and flexibility, but it was not outside the scope of what we do on a daily basis.”

Gardner commended his crew, noting that “there were a lot of moving parts to the operation.”

“It took a lot of man hours and manpower to accomplish this mission and contractors played a huge part in that process,” he said, adding that the warehouse specialists typically set goals to exceed mission expectations.

“This is an excellent crew,” he added. “They work hard and they know their jobs and they perform to the best of their abilities.”

MWR contestants expose depth of talent

Continued from Page 1

tographic techniques such as depth of field and rule of thirds. I was impressed with the strength of talent. You could clearly see the love of photography and care taken in producing high level professional talent.”

Jimenez said he enjoyed reviewing all the photos during the judging process.

“There were a lot of great choices this year,” he said. “The competition was tough.”

“Fresh Catch”

Retiree Jake Jachens won second place in the animal category for his photo “Fresh Catch,” featuring a bald eagle rising with a fish in its talons. Jachens said November through January is the best time to take photos of bald eagles at the Conowingo Dam, which borders Cecil and Harford counties.

“I have seen as many as 75 bald eagles at one time,” he said, adding that he’s spent up to five hours at the Dam trying to get the best shot.

“Out of about 400 or 500 pictures, about one or two are National Geographic-quality shots, those are the ones that keep you coming back,” he said. “[Bald eagles] are just an incredible bird. I think most people who have been in the military just love eagles because they are a symbol of our country. The steely determination in their eyes is amazing.”

“Reflect on the Freedom Tower”

Julie Renner, a biologist for the Edgewood Chemical Biological Center, or ECBC, won second place in the design elements category for her photo, “Reflect on the Freedom Tower,” taken at street level at the One World Trade Center, that was built in the area of original World Trade Center in New York City. Renner called the location “inspiring.”

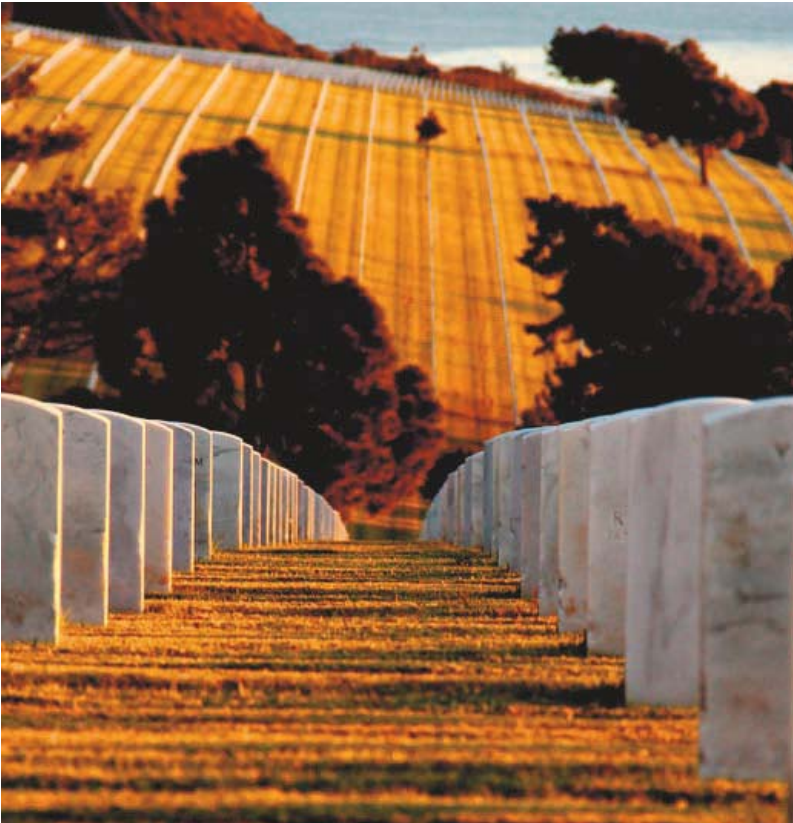
“The location itself weighs heavily on you as soon as you approach it and immediately the weight of the tragic events that occurred there is felt,” she said. “But, for me, I found a lot of symbolism in this building and that was inspiring. I was really drawn to the incredible height and strength of this building, a symbol of how we have overcome, how we have rebuilt, even stronger and bigger than before and wanted to capture a sense of how tall this building is. From street level, the lines created from the glass panels seemed to go on forever, up into the heavens as you can’t see where they end.”

To improve her photography skills, Renner reads instructional articles and blogs, watches YouTube videos and attends seminars. She said she is always challenging herself to develop her skills.

“There are so many talented photographers within the Army and civilian workforce, it is an honor that my photograph was able to compete with theirs,”



(Counterclockwise)
“Sudden Impact” by William Pully;
“Reflect on the Freedom Tower” by Julie Renner; and “Rest in Peace” by Lt. Col. Matt Takara.



she said. “I have been submitting photos to this contest for years, never getting very far, but have continued in my quest to improve my skills and it is very rewarding to see that slowly, but surely, I am improving.”

“Rest in Peace”

Lt. Col. Matt S. Takara, animal medicine program manager with APHC (Provisional), won an honorable mention in the design elements category for his photo “Rest in Peace” taken at the Fort Rosecrans National Cemetery in San Diego, California.

“There is nothing more poignant than the sun setting on the graves of fellow service members, he said.

Takara, who is completely self-taught, said he became more serious about photography in the last 10 years.

“It’s an honor to be recognized for

something that I truly enjoy doing,” he said about his win.

“Sudden Impact”

William Pully, an engineer with the Space and Terrestrial Communications Directorate of the Communications-Electronics Research, Development and Engineering Center, or CERDEC, won an honorable mention in the animal category for his photo “Sudden Impact,” featuring a bald eagle about to land on water, also taken at the Conowingo Dam.

Pully said discovering the popular photography spot on a hike has sparked his interest in wildlife photography.

“I have seen up to 300 people at the Conowingo Dam at one time, the area is quite amazing” he said.

According to Pully, within a two-hour driving radius there are about a dozen good places to capture wildlife.

“If you wait long enough you might get something good,” he said. “I like wildlife photography because it is challenging and you get a sense of tranquility and peace when you are outside.”

Pully said he was happy to hear about his win.

“I am very excited and appreciative to get recognized,” he said. “It is always nice to get some positive feedback.”

Reasin said the Army Digital Photography Contest was open to active duty Soldiers and other authorized MWR patrons, including family members, retirees and civilians. Later this year, the APG community will have the opportunity to participate in the Army Arts and Crafts contest. For more information about MWR events and contests, call the Leisure Travel Office at 410-278-4011/4907 or visit www.apgmwr.com.

Virtual symposium can bring sweeping changes

Continued from Page 1

ry - Medical; Housing and Relocation; Family and Force Support; or Community Services - their issue falls under. ACS personnel read every survey response and divides them into local and ‘big Army’ issues before bringing them in front of a committee to decide which ideas are viable.

Eichner said the survey makes a real difference in the lives of community members, and several past changes to military policy were based on AFAP suggestions. These include the military Thrift Savings Plan; TRICARE for Life

for eligible retirees; extended educational benefits for military spouses; dental and visual insurance coverage for federal employees and in-state tuition for military family members.

The AFAP survey is available online through March 28, and is open to anyone involved with the military community. Participants can complete the survey as many times as necessary. The survey does require some basic demographic information, but participants can choose to remain anonymous.

Survey participants can track the status of their AFAP suggestion and read

others on the Army OneSource website at www.myarmyonesource.com. Military leadership is required to explain why an idea is not feasible.

To complete the survey, visit the APG ACS homepage at <https://apgmwr.com/community-services/army-community-services>. Participants can also fill out a hard copy of the survey at the ACS office in Bldg. 2503.

For more information about the survey, visit <http://www.armymwr.com/family/afap.aspx>, or contact Jennifer Eichner at 410-278-2500, or jennifer.e.eichner.civ@mail.mil.



Campaign seeks to exceed \$40,000 goal

Continued from Page 1

exceed the \$40,000 goal.

“AER is a very important campaign,” he said. “Through the birth of our Army, we have taken care of our own, our fellow Soldiers, our teammates.”

According to AER Officer Leary Henry, with Army Community Service, or ACS, last year APG raised \$56,000 for AER while local Soldiers, retirees and family members received \$248,000 from the worldwide AER fund.

Henry said in addition to providing interest-free loans and grants, AER has two scholarship programs, the Spouse Education Assistance Program and the Maj. Gen. James Ursano Scholarship Program for dependent children. Both scholarships provide financial assistance for students who are pursuing their first undergraduate degree. For 2015-2016, the minimum award was \$500 and the maximum award was \$3,300.

“We are trying to get the word out that the scholarship program is here and people need to use it,” he said. “Last year there were eight students [from APG] that got assistance, and zero spouses.”

Capt. Robert “Danny” Allen, APG Garrison Headquarters and Headquarters Company commander, said anyone can make a donation to AER with cash or a

check, and every major organization has an AER representative. Donations are also accepted at ACS Bldg. 2503.

Allen said AER can help improve the quality of life for Soldiers and their families.

To meet the challenges of today’s Army, over the last several years AER has added new categories of assistance, expedited the process and increased grants by 30 percent. Last September AER made a policy change which allows all Soldiers, regardless of rank, direct access to AER assistance.

1st Sgt. Jermaine Allen, of HHC Garrison, said AER personally impacted his life when he received emergency funds so he could travel to his grandfather’s funeral when he was stationed in Korea.

“I needed a plane ticket right away. At the time I was an E-5 [sergeant] and I didn’t have the \$1,200 to go [home], so AER gave me the money and I was able to go,” he said. “AER helps when problems arise. It is there for anyone who is having a financial hardship and needs the money, any rank.”

AER is a nonprofit organization that provides an average of \$77 million annually in interest-free loans and grants to active duty Soldiers, retirees and their families. The theme for the 2016 cam-



Photo by Molly Blossie

(From right) Col. Thomas Oliver, executive officer to APG Senior Commander Maj. Gen. Bruce T. Crawford, shares remarks about the upcoming APG Emergency Relief campaign while Staff Sgt. David Ko, with the U.S. Army Test and Evaluation Command looks on during an AER information session held in the APG Garrison conference room Feb. 25.

paign is “Never Leave a Soldier in Need.”

For more information about the APG AER campaign contact Capt. Robert “Danny” Allen at 410-278-3000 or

robert.d.allen.mil@mail.mil. For loan eligibility or application information, Soldiers and retirees can also visit the AER website at www.aerhq.org or call ACS at 410-278-7572.



DID YOU KNOW ?

The renowned “Father of the American cavalry” was a Polish officer and hero of the American Revolutionary War whose name has been immortalized on postage stamps, road signs, statues, parks and museums across the United States and in Poland.

Casimir Pulaski was a Polish nobleman who became a military commander and distinguished himself in the Polish wars against Russian domination and was credited with key victories including saving the life of George Washington during the Revolutionary War.

Born in Warsaw, Poland, March 6, 1745, Pulaski, who became famous for his bravery and skills while facing three invading powers - Russia, Austria and Prussia - emigrated to America at the request of Benjamin Franklin who thought he “may be highly useful,” in the fight for independence.

Pulaski arrived in Marblehead, Massachusetts, near Boston, July 23, 1777, and met Washington in his headquarters in Neshaminy Falls near Philadelphia, Pennsylvania, Aug. 20.

While Washington was unable to grant Pulaski an officer rank at the time, Pulaski soon earned his commission during the Battle of Brandywine when he learned that the British were positioning their forces to cut off the line of retreat. The information prevented what would have been a dreadful defeat, saved Washington’s life and made Pulaski a hero.

Pulaski was made a brigadier general in the Continental Army cavalry Sept. 15, 1777. Right away he began reforming the cavalry and writing the first regulations for the formation.

Pulaski’s adventures were just beginning. He participated in the Battle of Germantown, Oct. 4, 1777 and wintered with the majority of the Continental Army at Valley Forge. He tried unsuccessfully to persuade Washington to continue military operations through the winter, but he and his scouts saw action against British forces in New Jersey.

Communication problems from officers who disliked taking orders from a foreigner caused friction between the Americans, Pulaski and his fellow Polish officers. This and other perceived insults prompted Pulaski to resign his general command in March 1778 and return to Valley Forge.

At Yorktown, he met Gen. Horatio Gates who, at Pulaski’s suggestion, had Congress confirm his previous appointment with the title, “Commander of the Horse,” and authorized the formation of a corps of 68 lancers and 200 light infantry. The Pulaski Cavalry Legion was headquartered in Baltimore. By August 1778 it was 330 strong. Pulaski, who became known as the “Father of the American Cavalry,” trained his troops to high standards using many of the same cavalry tactics that worked for him in Poland. Pulaski and was known to use his own finances when allocations were scarce or delayed to assure his forces the finest equipment and for personal safety.

In May 1779 Pulaski and his cavalry reported to the Southern Campaign headquarters in Charleston, South Carolina where they served under Gen. Benjamin Lincoln, commander of the Southern Army.

In September, Lincoln announced preparations to attempt to retake the city of Savannah, Georgia from the British, with assistance from French troops. Pulaski was ordered to join forces with Gen. Lachlan McIntosh in August to serve as the forward elements of Lincoln’s Army.

Pulaski captured a British outpost near the Ogeechee River and his units acted as an advance guard for the allied French units under Admiral Charles Hector, comte

d’Estaing. He served bravely during the siege of Savannah and in the assault of Oct. 9, commanded the entire cavalry – French and American.

Pulaski was mortally wounded by grapeshot while attempting to rally fleeing French forces during a cavalry charge. He is said to have died two days later aboard the merchant ship Wasp, and was buried at sea, but historical accounts vary. Some say he was taken from the ship to a plantation near Savannah where he died and was buried. Remains purported to be Pulaski’s were exhumed and examined in 1996 but findings were inconclusive. Because several similarities on the skeletal remains matched Pulaski’s injuries, the remains were reinterred with military honors in 2005.

The Casimir Pulaski Monument was built to his honor in Savannah, Georgia and the grapeshot is on display at the Georgia Historical Society in Savannah.

Pulaski tributes and commemorations

- On Oct. 29, 1779, the Congress passed a resolution that a monument should be dedicated to Pulaski, but the first monument to him was not built until 1854.
- In 1867, a bust of Pulaski was added to the collection of busts of American heroes at the United States Capitol in 1867.
- In 1879, to commemorate the 100th anniversary of his death, Henri Schoeller composed “A Pulaski March”.
- On May 11, 1910, President William Taft revealed a Congress-sponsored General Casimir Pulaski statue.
- In 1929, Congress passed a resolution, recognizing Oct. 11 of each year as “General Pulaski Memorial Day”
- Separately, a Casimir Pulaski Day is celebrated in Illinois and some other places on the first Monday of each March.
- Congress passed a joint resolution conferring honorary U.S. citizenship on Pulaski in 2009, sending it to President Barack Obama, who signed it on Nov. 6, 2009, making Pulaski the seventh person so honored.

Throughout Poland and the United States, people have celebrated anniversaries of Pulaski’s birth and death, and there exist numerous objects of art such as paintings and statues of him. Commemorative medals and stamps of Pulaski have been issued and several towns and counties in the United States are named after him, as are numerous streets, parks and structures, such as the Pulaski Bridge in New York, and the Pulaski Skyway in New Jersey. Closer to home, a portion of Maryland’s U.S. Route 40 is also named Pulaski Highway and is the main route connecting the Aberdeen and Edgewood areas of Aberdeen Proving Ground.

The Pulaski name is found on educational institutions and military vessels including the Navy’s USS Casimir Pulaski submarine, which was launched in 1964 and decommissioned in 1994. The most well-known tribute is the Fort Pulaski National Monument, which is located on Cockspur Island between the city of Savannah and Tybee Island, Georgia. Constructed between 1829 and 1933 to protect the port of Savannah, the fort saw action during the Civil War. It was designated a national monument in 1924.

By **YVONNE JOHNSON**, APG News

Source(s): <http://www.polishamericancenter.org/Pulaski.htm>
<http://militaryhistory.about.com>



**See more photos from events across
Aberdeen Proving Ground, Maryland**
<http://www.flickr.com/photos/usagapg/>



APG SNAPSHOT

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



Luck was a Lady at Texas Hold'em Casino Night



TURNING THE TABLES

APG Family and Morale, Welfare & Recreation, or FMWR, hosted a Texas Hold 'em Casino Night featuring poker, black jack, craps and roulette at the APG North (Aberdeen) recreation center Feb. 25. Players used play money and winners were awarded prizes at the end of the night.

David Geyer, the owner of Pedestal Events which provided the gaming tables and Croupiers, or gaming table attendants, said, "I always have so much fun at this particular event" (Clockwise from top left)

- ♦ Croupier Alan Vanover gets ready to spin the roulette wheel after bets are placed.
- ♦ Pat Pape with CECOM LRC tosses dice at the craps table while her boyfriend Don Schleicher, left, and Tyrone Knight of ACC-APG, right, look on.
- ♦ Chips and cards are primed and ready on the Texas Hold 'em poker table.
- ♦ Croupier J.L. Darrah deals cards for players at the black jack table.
- ♦ Base dealer/stickman David Geyer, center, collects dice as base dealer Zia Hilditch, right, places the winnings on the craps table.
- ♦ The roulette ball stops on lucky number one.
- ♦ Croupier John Carrington smiles while dealing black jack for players.



Photos by Molly Blossie

