



APG NEWS

Published in the interest of the people of Aberdeen Proving Ground, Maryland

www.teamapg.com

THURSDAY, JUNE 12, 2014

Vol. 58, No. 23

FEW Scholarship deadline July 1

By **RACHEL PONDER**
APG NEWS

Federally employed women working in Baltimore, Cecil or Harford County who are currently enrolled in higher education at an accredited college, university or trade school are encouraged to apply for the Dottie Dorman Working Women's Scholarship by July 1. This scholarship is sponsored by the Maryland Tri-County of Federally Employed Women (FEW), and is open to civilian and military employees. The woman who is selected will receive a \$500 scholarship to offset tuition or books.

FEW Scholarship Chairperson Karen Jobes, from the Directorate of Public Works, said interested applicants must submit a resume and a one-page essay stating their current job, education and career goals and financial need. Submissions should be typed and not exceed two pages. Applicants also must include transcripts from the school they are currently attending. "The scholarship recipient is chosen based on merit and financial need," Jobes said.

The winner will receive the

See FEW, page 14

Sign up and save with the Thrift Savings Plan (TSP)

By **ABIGAIL REID**

Federal Retirement Thrift Investment Board

The Thrift Savings Plan is a retirement savings plan that you can keep no matter where your career takes you. This article will answer common questions about signing up for the TSP, explain how to keep your information current, and share some facts about your investment options.

How do I sign up for the TSP?

To enroll for TSP, federal civilian employees must go through the Army Benefits Center-Civilian (ABC-C). You can enroll either by phone, 877-276-9287 or online at <https://www.abc.army.mil>. Log into the Employment Benefits Information System, go to transactions, and then scroll down to TSP. You can enroll for a dollar amount or percentage.

When you make traditional contributions, you don't pay taxes on your contributions and their earnings until you withdraw them. You

See TSP, page 14



(From right) Aberdeen Proving Ground Senior Commander, Brig. Gen. Bruce T. Crawford and his wife, Dianne Crawford, congratulate cast members of the 2014 U.S. Army Soldier Show "Stand Strong" at the post theater June 5. The show paid tribute to the 200th anniversary of "The Star-Spangled Banner" and highlighted Soldier issues through music and dance.

Soldier Show excites, delights APG audience

By **YVONNE JOHNSON**
APG News

A capacity crowd filled the APG post theater as the 2014 U.S. Army Soldier Show presented its "Stand Strong" tour

June 5. The Army Entertainment production fulfilled all it promised in highlighting Soldier issues in song and dance while celebrating the 200th anniversary of "The Star Spangle Banner."

The national anthem opened and closed

the show. The opening featured a calming, melodic delivery of the song delivered in high soprano by Pfc. Melinda Douglas, a New Jersey National Guard health

See TALENT, page 12



IMCOM Atlantic Region director visits APG

(From left) APG Garrison Command Sgt. Maj. James Ervin; IMCOM Atlantic Region Director Davis D. Tindoll Jr.; APG Garrison Commander Col. Gregory McClinton; and IMCOM Atlantic Region Command Sgt. Maj. Kevin Sharkey talk water at the Atkisson Dam in Edgewood during Tindoll's visit to APG June 4. Tindoll and Sharkey also addressed the Garrison workforce during a town hall at the APG North (Aberdeen) recreation center.

Photo by Sean Kief

APG hosts inaugural JSS competition

Story and photos by
YVONNE JOHNSON
APG News

The Stem Education & Outreach Center was the site of the inaugural Junior Solar Sprint Competition at Aberdeen Proving Ground June 7.

Hosted by Dr. Sandra Young a materials engineer with the U.S. Army Research Laboratory, the event brought together teams of fifth through eighth-grade students who designed, built and raced model solar electric cars.

See STEM, page 14

(From left) Dylan Kalten, 12, looks on as volunteer Cyle Teal, an ARL mechanical engineer, makes adjustments to his solar-powered car during the Inaugural Junior Solar Sprint Competition at the STEM Education & Outreach Center June 7.



ONLINE

www.teamapg.com
facebook.com/APGMd
twitter.com/USAGAPG
flickr.com/photos/usagapg/



INDEX

Pg 2 **Street Talk**
Pg 9 **At your service**
Pg 7 **Crossword**
Pg 10 **Mark Your Calendar**
Pg 11 **APG News history**
Pg 14 **Did you know?**

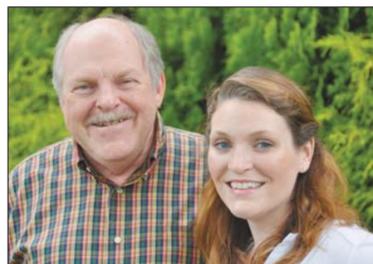
ICE system
<http://ice.disa.mil/>
Facebook, <http://on.fb.me/HzQJow>

IN THIS ISSUE



PM MC leadership changes hands

Page 6



Every day is Father's Day for some

Page 3

WEATHER

Thursday

Scattered T-Storms
chance of rain 60%



82° | 69°

More inside

CCBC students visit ARL **PAGE 4**

APG Summer Safety **PAGE 5**

Eighth Army to mark 70 years **PAGE 9**

RDECOM UMBC partnership **PAGE 12**

OPINION

STREET TALK

What does Flag Day, which will be observed this Saturday, June 14, mean to you?

Flag Day has a whole new meaning for me. I have a new appreciation for it. I now have a flag outside of my home, and I speak with my children about the ideals of Flag Day.



Darrin O'Bannon
Contract Specialist

What is Flag Day? I think I've heard of it. Now that you have told me about it, I might do something.



Soojin Atwater
Civilian spouse

I certainly observe Flag Day. ... And I talk to [Soldiers] about the symbolism of our flag. I thank them for their years of dedication and service to protect that flag and our values and traditions as a nation.



Lt. Christopher Riley
203rd Military Intelligence Battalion

Every day is Flag Day to me. The flag represents what I feel about our country. I'm a Vietnam veteran, and when I would see the flag in Vietnam, it reminded me why I was there. I get goose bumps just talking about it.



Andy Harvey
Retired Army

The flag represents and reminds me of the many veterans who have sacrificed their lives to allow us to live in this country in freedom.



Marsha Harvey
Retiree spouse

Commemorating the 239th Army Birthday

BRIG. GEN. BRUCE T. CRAWFORD
APG Senior Commander

For 239 years, the U.S. Army has defended this great nation and the flag that we fly with pride. Our Army continues to demonstrate its incredible resilience, competence, enduring commitment and extraordinary character in our country's defense. Because of the effort and sacrifice of both those who came before us and those who currently serve, we are blessed with the fortune of celebrating 239 years of the Army profession on June 14, 2014.

The foundation of our Army grew from humble beginnings when a group of courageous New England colonists united to form a militia and revolt against one of the greatest fighting forces of its time—the British Army. These militia did not have formal military instruction—they were farmers, laborers, and tradesmen. They drew their strength not from being the most well trained or well equipped, but from their innate desire for freedom—freedom from oppression, freedom from tyranny, and freedom to create their own destiny. These militia embodied the fundamentals of our Army profession.

Our profession is guided by the seven core Army values. The values of Loyalty, Duty, Respect, Selfless Service, Honor, Integrity, and Personal Courage are not just meant to be memorized or even practiced, but embodied. These values serve as the moral compass of character when we need direction. They shine a beacon of light when the path is unclear. They are the foundation of high, moral character. They are the building blocks of Army professionals who can Stand Strong with character and pride.

Character, commitment, and competence are the three C's that represent the hallmarks of an Army Professional. Exhibiting character means possessing high moral and ethical qualities. It means doing the right thing, in the most challenging circumstances—even when no one is looking. Character is shown in the dedication to our values as demonstrated in our everyday decisions and actions.

Competence means learning, acquiring the necessary skill sets, and accomplishing a mission with discipline and to a standard.

Commitment comes from the resolve of Army professionals to contribute honorable service to the nation, to perform their duties with discipline and to standards, and to strive to successfully and ethically accomplish the mission despite adversity, obstacles, and challenges.

Our Army continues this long tradition of professional-



Because of the effort and sacrifice of both those who came before us and those who currently serve,

we are blessed with the fortune of celebrating 239 years of the Army profession on June 14, 2014.

ism in nearly 150 locations worldwide. As part of the Joint Force, the Army provides the versatility, responsiveness, and consistency to prevent, shape, and win with formations that are globally responsive, and regionally engaged.

We serve as a total force, a team of teams – Active, Guard, Reserve, Civilians, Families, and contractors – we share the same professional ethic. And, we serve for the love of our country and our freedom. As Army professionals, we must sustain and strengthen the nation's trust and confidence in America's Army.

Being Army Professionals is what we do, 24 hours a day. 365 days a year. But we do not do it alone. Behind every Soldier and every civilian are our families who are our source of our strength and support. While our Soldiers and civilians may be the face on the front, it's the spouses, parents, sons and daughters who are holding it together behind the scenes and on the home front.

As professionals, it is very important that we never forget why we chose to serve. In most cases, it was about being a part of something bigger than ourselves in defense of this great nation. These are the reasons we remain a beacon of hope for all to follow. They are the reasons we remain the absolute most respected profession on Earth... the profession of arms.

As America's Soldiers, Civilians, and Families commemorate this historic week in our Army's history, let us remember both those currently standing guard and those brave souls and their loved ones who sacrificed to preserve and protect all we hold dear over the last 239 years.

APG Strong, Army Strong!

Today's APG Army Birthday celebration features Old Guard

APG celebrates the Army's 239th birthday with festivities at Fanshaw Field today, June 12, 2014.

The distinguished Old Guard (Fife & Drum Corps), which performs regularly for dignitaries and presidents, will perform starting 11:20 a.m. Additional activities include vehicle displays, demonstrations and organizational presentations. Soldiers, Family members, retirees, civilians and friends are welcome to attend. The U.S. Army Research, Development and Engineering Command will host the event.

In case of inclement weather, the celebration will be held in the post theater.

The Army Birthday shares the same date as Flag Day, June 14.



APG SEVEN DAY FORECAST



APG NEWS

The APG News, a civilian enterprise newspaper, is an authorized publication for members of the U.S. Army. Contents of the APG News are not necessarily official views of, or endorsed by, the U.S. government, Department of Defense, Department of the Army or the U.S. Army Garrison, Aberdeen Proving Ground. The newspaper is published weekly by the APG Public Affairs Office, ATTN: IMAP-PA, Building 305, APG, MD 21005-5001, 410-278-1153. Printed circulation is 5,200. Everything advertised in this publication shall be made available for purchase, use or patronage without regard to race, color, religion, sex, national origin, age, marital status, physical handicap, political affiliation or any other nonmerit factor of the purchaser, user or patron. If a violation or rejection of this equal opportunity policy by an advertiser is confirmed, the

printer shall refuse to print advertising from that source. Editorial content is prepared, edited and approved by the APG Public Affairs Office. The APG News is printed by The Baltimore Sun Media Group, a private firm in no way connected with the Department of the Army, under exclusive written contract with APG. The civilian printer is responsible for commercial advertising and mailing. To obtain a yearly subscription, which costs \$16, the price for weekly mailing, or for problems with incorrect mailing addresses, contact Customer Service at 139 N. Main Street, Suite 203, Bel Air, MD 21014, or call 410-838-0611. The appearance of advertising in this publication, including inserts or supplements, does not constitute endorsement by the Department of the Army or The Baltimore Sun Media Group of the products or services advertised. For advertising matters, call The Baltimore Sun Media Group, 410-332-6300. Send articles or information for publication to the APG Public Affairs Office, Building 305, IMAP-PA, APG, MD 21005-5001; send a fax to 410-278-2570; contact Assis-

sistant Editor Yvonne Johnson, 410-278-1148 or email yvonne.johnson5.ctr@mail.mil, or contact Reporter Rachel Ponder, 410-278-1149 or email rachel.e.ponder2.ctr@mail.mil.

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

Staff

APG Senior Commander ..Brig. Gen. Bruce T. Crawford
APG Garrison Commander .. Col. Gregory R. McClinton
Public Affairs Officer Kelly Luster
Acting Editor Amburr Reese
Assistant Editor..... Yvonne Johnson
Contract Photojournalists..... Rachel Ponder
..... Alan Feller
Graphic designer/Photographer Molly Blossie
Website www.apgnews.apg.army.mil

APG Soldier highlighted in OEF film

By **YVONNE JOHNSON**
APG News

An Aberdeen Proving Ground Soldier is featured in a recently-released film containing 100 percent real and raw battlefield footage taken in the most violent part of Afghanistan. The film, "The Hornet's Nest," is the product of two journalists – Mike and Carlos Boettcher, a father and son - who were embedded with 1-33 Cavalry, 3rd Brigade "Rakkasans" of the 101st Airborne Division (AASLT) from Fort Campbell, Ky. The duo spent nearly two years in Afghanistan filming the activities of the 1-33rd Cavalry as well as the 101st Airborne Division's 1st Brigade's 2-327 Battalion and the 2nd Battalion, 8th Marines.

Then Lt. Col. Stephen J. Lutsky was a squadron commander with the 1-33rd Cavalry, 3rd Brigade, 101st Airborne Division (AASLT) when he deployed to Afghanistan in 2010 during Operation Enduring Freedom (OEF). It was his fourth deployment in the War on Terror – the three previous deployments had been to Iraq while assigned to Fort Stewart, Ga.

Lutsky said the two journalists were embedded with his squadron in 2010. They came fully trained with their own gear and remained on the ground with the units about 15 months.

He said they were knowledgeable, professional and likeable. And, they focused on the task at hand often through fierce, bloody and deadly confrontations with the Taliban.

"We basically showed them what the squadron was doing and they turned out what they thought was worth a story," he said, adding, "They had no agenda, the movie is not political. They merely focused on telling a story they already knew."

"This movie reflects Soldiers in combat," he added.

Lutsky was able to attend the film's screenings in New York and in Washington, D.C.

"It's pretty hard to see yourself on the big screen," he said. "But what you see is honest. There are no bodies and no blood. They intentionally cut all that out to focus on Soldiers and what they do; what they go through."

"There are no retakes and you can hear the bullets zipping past. But the main thing you see is Soldiers doing their duty and putting themselves at risk for their brothers."

He said the experience made him



Then Lt. Col. Stephen J. Lutsky, a squadron commander with the 1-33 Cavalry, 3rd Brigade "Rakkasans" of the 101st Airborne Division (AASLT) from Fort Campbell, Ky., takes a break with a group of Afghanistan Army Soldiers during his unit's support of Operation Enduring Freedom 2010-11 as part of Regional Command-East, near the Afghan-Pakistan border. Lutsky and his unit are featured in the recently-released film "The Hornet's Nest," which details life for Soldiers in the most violent part of Afghanistan.

Courtesy Photo

realize that most Soldiers, like himself, seldom articulate what they go through and that providing a view from the Soldier's perspective serves an important need.

"I don't believe in sharing that with my family; it serves no purpose," he said. "It doesn't accomplish anything except to make them miserable. There is no value in sharing with them but at the same time, talking is therapeutic."

He said when his wife viewed the movie she saw things happen to him she didn't know about. She knew he was injured in an attack for example, but didn't realize he was in the same room with a suicide bomber when the vest the bomber was wearing exploded. He keeps the ball bearings that were removed from his leg, arm and neck in his office.

"She has a better understanding now and she also understands how it is I've changed," he said.

He added that he's talked to Soldiers who used the film as a method to talk through. Couples have said it saved their marriage, he said, noting that the film is being shown to basic trainees and ROTC cadets.

"It's very good for that purpose," he said.

Lutsky keeps in touch with the film's director, David Salzberg who has

served as producer or executive producer of such feature film projects as "The Perfect Game," "For Right or Wrong" and "Running the Sahara." Co-producer director Christian Tureaud collaborated on many of the same films.

"I believe every American should see "The Hornet's Nest," Lutsky said. "Sometimes I wonder if they know what 'Thank you for your service' really means."

Lutsky is a career Armor Warrior who entered the Army in the enlisted ranks in 1987 before gaining his commission through ROTC in 1990. He holds a bachelor's degree in Micro Biology and a master's in Administration (Leadership Core). His military education includes the U.S. Army Command and General Staff College. He served in Bosnia, Albania/Kosovo and in Operation Iraqi Freedom I, III and V. His awards include three Bronze Star medals, Army Commendation Medal with Valor and two Purple Heart medals.

Promoted to colonel in 2013, Lutsky is the director of the Mounted Systems Evaluation Directorate, Army Evaluation Center, U.S. Army Test and Evaluation Command.

"The Hornet's Nest"

The Hornet's Nest is unprecedented-

ed in that it is the only film to release nationwide that is 100 percent real with raw battlefield combat footage taken from the most violent part of Afghanistan. There are Soldiers in the film who are not alive by its end. The film is not a reenactment and there are no actors.

Two embedded journalists, Mike Boettcher and his son Carlos, bravely follow a group of U.S. troops to a dangerous mission deep inside one of Afghanistan's most hostile valleys. Mike and Carlos are the only father and son to win an Emmy for the same news story.

Armed only with their cameras, the two Peabody and Emmy Award-winning conflict journalists provide unprecedented access into the longest war in U.S. history while embedded with U.S. Forces fighting on the front lines in Afghanistan, amidst the constant threat of the Taliban. Their journey, "The Hornet's Nest," unfolds a true story of survival not only for the soldiers but for a father and son who seek to rekindle their relationship under the most harrowing of circumstances. The film was released nationally May 23.

For more information, or to locate a viewing nearby, visit the film's website at <http://thehornetsnestmovie.com/>.

For some at APG, every day is Father's Day

Story and photos by
YVONNE JOHNSON
APG News

Gaining a career you aspired for is a special achievement. Having a father to share it with on the job can make it even more special. As a salute to Father's Day – this Sunday, June 15 - here's a look at two father-daughter relationships that thrive happily on Aberdeen Proving Ground.

The Aichroths

Kate Aichroth, the younger of two siblings, was an Anthropology-Social Sciences major at Towson University who was leaning toward a career in the social sciences when a nudge from her father prompted her to apply for a position in the Directorate of Public Works Environmental Division. Her dad, Jeff Aichroth, a physical scientist in the division's Environmental Restoration Branch, felt she had the skills to make it.

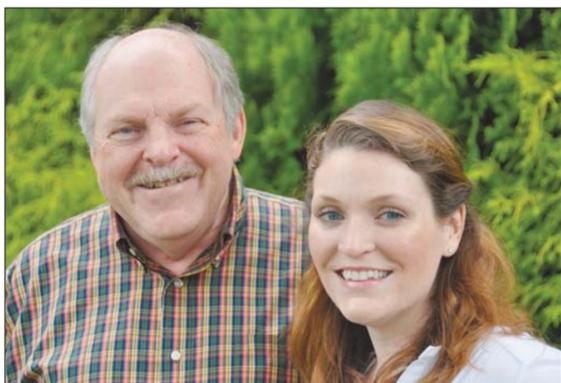
"She made it on her own merits," Jeff Aichroth says proudly. "I'm just hopeful the experience will help with whatever she wants to do next."

Building a sound foundation comes naturally to the elder Aichroth. The son of a military officer, Aichroth was born and raised in Vermont. He attended Davis & Elkins College in West Virginia and then worked in the coatings industry as a chemist and environmental specialist. He's been in Maryland since the 1980s and this is where he calls home. A government civilian for just five years, he says he enjoys making a difference environmentally.

"It's been a good career. Not everybody gets to do what they like. We work closely with the Environmental Protection Agency and the state on restoration projects so the command can reuse the property without environmental restrictions."

Kate says she gets a similar satisfaction from her job.

"I think what we do is important," she said. "We try to protect cultural resources like historic buildings and archeological sites to make sure the Army is in



Father and daughter Jeff and Kate Aichroth work in different branches of the Directorate of Public Works Environmental Division. They like to high-five each other whenever they meet at different programs or functions.

compliance with the National Historic Preservation Act, state and other federal and state regulations.

"It just happens to be in the same division as my dad. And sometimes it's a funny experience," she added noting that occasional dinner conversations between the two will leave her mother confused by their use of acronyms.

"We try not to bring too much of it home," Jeff Aichroth added, "but it is good having her here. It's fun when we run into each other at different programs. I always get a high-five from her."

Both Aichroths are members of award-winning branches and proud of the work they do.

"Before this job, I would see him on weekends but I didn't understand or know what he did. Now I get him."

"I'd say I've gotten to know her better," her father added. "This is a gift of a little extended time together before she moves on. She's got worthy credentials now and I'm very proud of her."

"And he's the coolest dad ever," Kate added with a smile.

The Bayers

Dennis Baylor is a C4ISR mission area manager in the Survivability/Lethality Directorate of the U.S. Army Research Laboratory who started his career as an engineer with the Chemical Systems Laboratory in APG South (Edgewood). Baylor made the transition to ARL in 1992 during the first base realignment and closure and is proud to

say that after nearly 34 years APG is the only place he's ever worked fulltime.

"It's a good place to work; I never really looked anywhere else," he said. "There are tremendous opportunities here."

Naturally, he said, when his daughter, Jessica, was seeking a career change he suggested APG. She took his advice.

Jessica Baylor is an environmental protection specialist with DPW's Environmental Division. She started as a contractor in 2006 and joined the government civilian workforce in 2009.

"I knew he worked here but I didn't know much about APG," she said, adding she had grown weary of commuting to Annapolis. After gaining the contractor position, Jessica gained the skills she needed to apply for a government job when it became available.

"When the job opportunity came up

in the Garrison, I was in the right place at the right time," she said. "And I got the experience I needed on the ground as a contractor first."

A nature lover all her life, she said that while Dennis strongly recommended the move, her only hesitation was missing the outdoors and becoming a "pencil pusher."

Today she is happy in her work and proud of the accomplishments of her division, as well as her father's.

"I now respect his service to our great nation even more because I serve the nation as well," she said.

Jessica holds a degree in environmental science and Dennis said he could not be more proud of her.

"I'm very proud of the things she's done. I was hoping she would be happy here and it turns out she has been able to do the hands-on environmental work that she loves."

He said that while they stay busy in their work, they do get to grab the occasional lunch together. Jessica is the older of two other siblings, he added.

"I also like that fact that she's right here. We're just a phone call away," he said.

"And one of the nicest things is I can talk about things she understands. We share perspectives on the community and the whole Team APG concept. We like what this place is all about and it's hard to appreciate that if you're not a part of this community."

"APG is a good place to be a part of."



DPW Environmentalist Jessica Baylor enjoys an occasional lunch and chat with her father Dennis Baylor, a U.S. Army Research Laboratory mission area manager. Dennis likes that Jessica is just a phone call away.

CCBC students visit ARL labs

Story and photo by
RACHEL PONDER
APG News

Ten nanotechnology students from the Community College of Baltimore County and professors from the University of Maryland Baltimore Campus, Morgan State University and CCBC visited Aberdeen Proving Ground for a tour of the Rodman Materials U.S. Army Research Laboratory, June 3.

During the tour the CCBC students visited a 3-D printing lab where Dr. Mark Griep, bio-nanomaterials engineer, told them about ARL use of cutting-edge technology for defense applications such as body armor and helmets.

Inside a wet chemistry lab, Dr. Abby West, an Oak Ridge Institute for Science and Education (ORISE) postdoctoral fellow from ARL's Composite and Hybrid Materials Branch, demonstrated how super hydrophobic coatings repels water and water based solutions. West showed how liquids such as water, ketchup, syrup and oil turn into small beads of liquid once they hit materials with the nanotechnology coating.

"It's a fun hands-on lab that the students really enjoy," said Travis Tumlin an ORISE Materials Engineer who assisted West with the demonstration.

Griep discussed ARL contributions to advancements in Traumatic Brain Injury (TBI) studies. He said with recent improvements in body armor and protection more Soldiers are surviving blasts, which are believed to cause TBIs.

"We are developing some bio-nano materials that will actually be part of a neuron, that will track that damage in real time," he said.

The students also toured the ultra high vacuum (UHV) nano infrastructure characterization lab where Dr. Lily Giri explained how the UHV is used in imaging individual atoms.

She said the UHV examines the LEED (Low Energy Electron Diffraction) pattern of materials to determine the crystal structure. With the UHV system all the characterization techniques are housed within a single unit under vacuum. The

UHV makes the system very "quiet" meaning that molecules don't interact with each other before interacting with the surface of the chamber. This allows for the imaging of individual atoms.

"The characterization at the nanoscale level allows researchers and scientists at ARL to understand the fundamental science behind materials," Tumlin explained. "We are interested in learning and understanding the crystal structure and chemical makeup in order to predict how materials will behave under loading, such as a bullet impact. This also allows us to manipulate materials at the atomic level in order to produce material properties that would not otherwise be achieved, such as transparent armor."

Tumlin said knowing the chemical composition allows researchers and scientists to tailor materials, such as polymers or plastics to have high adhesion to harder materials such as ceramics.

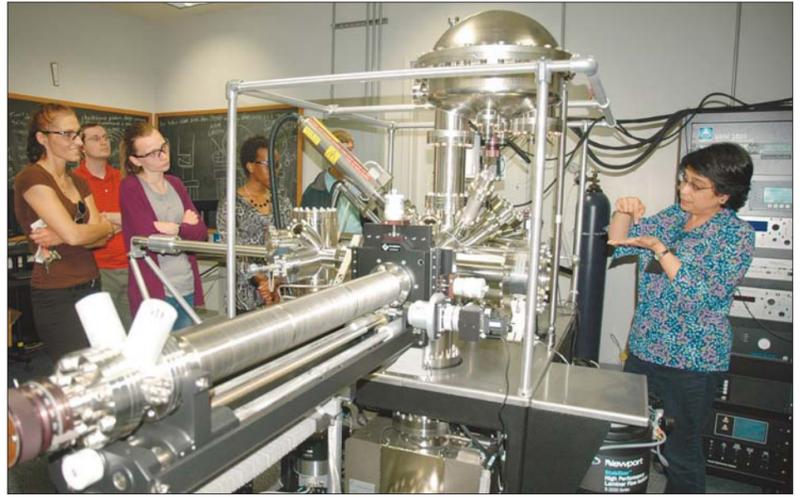
"For example, if a body armor uses ceramics, it is beneficial to have a polymer backbone to help transfer the load once it is impacted by a bullet or other hard object," he said. "Without a high degree of adhesion between the polymer and ceramic, the Soldier or tank would be less protected since the energy would be mitigated directly to the Soldier instead of the polymer that is intended to absorb some of the energy."

Educational Hub

The June 3 tour was the result of a new partnership ARL has established with CCBC, UMBC and Morgan State University; the organizations have teamed together to create a nanotechnology education hub.

"This hub was designed to make local community college students more competitive for employment in diverse areas of nanotechnology, or encourage them to pursue four-year degrees in the physical sciences and engineering," said ARL Public Affairs Specialist T'Jae Gibson.

This summer, 10 students from CCBC were selected from a competitive application screening to participate in an eight-week program which starts later



(From left) Nanotechnology students Jennifer Betley, Alex Winton, Simona Tsvetkova, Jei Nandy and Brandon Newman listen as Dr. Lily Giri, from the U.S. Army Research Laboratory's ultra high vacuum (UHV) nano infrastructure characterization lab, explains how the UHV system operates. Ten Community College of Baltimore County nanotechnology students and professors from the University of Maryland Baltimore County, Morgan State University and CCBC visited ARL June 3.

this month. The summer sessions will be held primarily at UMBC laboratories to give students a broad exposure to the field.

"The (exposure will range) from biomedical application to sensors, fabrication, and new materials," said Dr. Paul J. Smith, associate professor in UMBC's Department of Chemistry and Biochemistry.

Interns will spend two weeks at ARL during the program. Griep, who will work with the interns, said students will study the application of key nanomaterials ARL needs for its bioelectronic sensor research. These advanced sensors are used to detect the presence of synthetic cannabinoids, or fake marijuana.

"They'll be trained on key characterization instruments including UV-VIS spectroscopy, fluorospectrometry, zeta charge analysis, and dynamic light scattering in addition to standard wet chemistry tools and techniques," Griep said. "These are key skills that we use in our nanotechnology efforts every day."

CCBC Student Jennifer Betley will be interning at ARL this summer. She said she is excited about working in a real Army laboratory.

"Everyone that I met, the scientists and engineers are so willing to teach us," she said. "I think this internship will open up so many possibilities for me."

Another CCBC Student, Joel Tyson, who said his goal is to become a biomedical engineer, also will intern at ARL over the summer. Tyson said he eventually would like to improve drugs for cancer patients.

"I am super excited about the opportunity at ARL," he said.

The internship program is funded with a National Science Foundation sub-grant through Pennsylvania State University. For more information, contact the program director at UMBC, Dr. Paul Smith, at 410-455-2519. For information on ARL's STEM programs and its STEM Education and Outreach Center, email Dr. Sandy K. Young at sandra.k.young26.civ@mail.mil.

Strong Beginnings graduates 29 during June 6 ceremony

Story and photo by **RACHEL PONDER**
APG News

There were plenty of smiles, cheers and laughter to go around as Family members, friends and staff watched 29 children graduate from the APG North (Aberdeen) Child Development Center's Strong Beginnings Pre-Kindergarten program June 6 at the Main Post Chapel.

The Army's Strong Beginnings program is designed to enhance school readiness and prepare children for success. The program, which equips students with basic academics and classroom etiquette, starts in September and wraps up in May. The preparatory curriculum includes math, reading, social studies, science, music, Spanish, and physical education.

"The Strong Beginnings Program is about having fun while learning and planting a seed of curiosity that will promote a lifetime of learning for the children," said APG North CDC Director Darlene Ford. "It is about acquiring decision-making skills and providing new opportunities for success."



(From left) Clad in a blue cap and gown, Jeremy Monks, Tyler Tran, Kristian Gardner, Kaila Podier-Grier and Brittney James sing "America the Beautiful" during the APG North (Aberdeen) Child Development Center's Strong Beginnings Pre-Kindergarten graduation ceremony June 6 at the APG North chapel.

During the program, the children demonstrated their musical skills by proudly singing "America the Beautiful," "Good

Morning to You," "It's a Small World After All," and "I'd Like to Teach the World to Sing." Later, they sang "Hola"

and "Itsy Bitsy Spider" in Spanish.

APG Garrison Commander Col. Gregory R. McClinton presented diplomas to the graduates with assistance from Lead Instructor Florence Vaughan. The children also received special awards for Spanish, physical education and music.

"It is amazing to see how fast our children have grown and matured since September," Vaughan said after the ceremony.

One parent, Capt. Lendrick James from the Program Executive Office for Command, Control and Communications-Tactical (PEO C3T), said it was exciting to see his daughter, Brittney James, achieve the milestone.

"She would tell me what she learned every day after school," he said. "It is awesome to see her graduate."

The Strong Beginnings Program resumes in September for ages 4 and 5. The program is available at APG's three CDCs. For more information about Child, Youth, and School Services programs visit http://www.apgmwr.com/family/youth_services.html.



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

APG SUMMER SAFETY

Think safety in the sun to stay healthy

ISO

Sun safety is important in Maryland which ranks No. 7 in the nation in skin cancer according to the Center of Disease Control (CDC).

About 159 people in Maryland die of melanoma every year and it is one of just four cancers in Maryland with a rising death rate. Among state residents over the age of 65, melanoma has the fastest rising cancer death rate.

Practicing good sun safety is important at any age, but it is critically important for children since much of a person's lifetime exposure to the sun occurs before age 18.

Be sure to practice skin protection while you are outdoors especially when the UV rates are the highest in the middle of the day.

Staying sun safe

Use sunscreen every day. Even on cloudy days, the sun's rays can damage your skin. Wear sunscreen with an SPF of 15 or higher. Apply 15 minutes before going outside and reapply every two-and-on-half hours or sooner if perspiring or engaging in water activities. Wearing sunscreen every day is as important as brushing your teeth.

Wear a hat and lip balm.

A hat with a wide brim offers good protection for your scalp, ears, face and the back of your neck. The bigger the brim, the better the protection. Protect lips with SPF 15+ balm.

Wear Sunglasses.

Sunglasses reduce sun exposure that can damage your eyes and lead to cataracts. Check the label and choose sunglasses that block at least 90 percent of



UVA and UVB rays.

Cover Up.

Wear long sleeves and pants if possible to protect your skin when playing or working outdoors. Darker colors and fabric with a tight weave provide the most protection.

Limit Time in the Midday Sun.

Limit your outdoor activities when the UV rays are the strongest and most damaging - 10 a.m. to 4 p.m. Remember: Watch Your Shadow--No Shadow, Seek Shade!

Seek Shade.

Find something fun that doesn't involve being in direct sun. Look for shade under a tree or an open shelter, or find an activity inside a gym, recreation center, library or classroom during peak UV.

Check the daily UV Index.

Did you know you can check the intensity of the sun's rays every day? The ultraviolet or UV index is a way of measuring the sun's radiation level. The scale is from 1 to 10. The higher the UV, the more careful you should be. A day with a UV rating of 10 requires more protection than a day with a rating of 1.

Avoid Sun Lamps and Tanning Booth.

These artificial sources of UV light can cause as much damage as the sun's UV rays. Remember, there is no such thing as a safe tan. To get a tan, skin damage has to occur.

For more information, visit the Sun-Wise website at www.epa.gov/sunwise/statefacts.html or go to the U.S. Army Combat Readiness/ Safety Center website at <https://safety.army.mil/>.

Data teleportation demonstrates future communications

By JENNA BRADY
ARL

Teleportation, a long-standing staple in the world of science fiction, has become a reality for scientists at the U.S. Army Research Laboratory, in terms of battlefield data and image processing.

Ronald Meyers, ARL quantum information principal investigator and team member Keith Deacon recently demonstrated information teleportation, using entangled photons. This achievement stems from quantum information science insight and processing technology, which Meyers and his team has been developed over the last two years.

The technology includes an information teleportation exfiltration test bed and a teleportation exfiltration approach to move quantum images securely; a significant achievement as current secure network communications are increasingly vulnerable to eavesdropping and eventual hacking with the use of increasingly powerful computers.

The team has developed a prototype information teleportation network system as part of the test bed to quantify teleportation of information using eye-safe entangled photons, thus showing potential for secure teleportation over optical fiber or through free-space.

In entangled photon-based teleportation, a photon carrying potentially many bits of information interacts with one of an entangled pair of photons, and then the information is teleported to the other distant entangled photon and is read by the recipient.

In essence, teleportation in this instance can be thought of as a kind of communication, where a qubit, or unit of quantum information, can be transported from one location to another, without having to move a physical particle along with it.

Consider a special operations mission where a Soldier is behind enemy lines. To exfiltrate information to his or her command post in a friendly area, the Soldier operates a small handheld teleportation exfiltration device, which will



Photo by Doug Lafon

(From right) Army Research Laboratory quantum information principal investigator Ronald Meyers and team member Keith Deacon recently demonstrated information teleportation using entangled photons at the organization's laboratory in Adelphi, Md.

allow data and images to be securely teleported back to the command post.

According to Meyers, the team believes that the teleportation exfiltration approach will be successful between mobile assets over long distances at high speeds, just as their quantum ghost-imaging achievements are leading to a new generation of battlefield imagers.

"The [ARL] teleportation achievements are expected to be the basis for new types of Army mobile information teleportation networks for battle-

field enhanced situational awareness and security," Meyers said. "This research will benefit future Soldiers by helping provide the Army with battlefield information teleportation networks that will be both cyber secure and fast."

In addition, the method is being developed to be robust for adverse military environments with turbulence and obscuration.

"The success in achieving quantum teleportation over long distances through an obscured battlefield is difficult, but

future mobile ad hoc information teleportation networks can give the future Army exponential advantages in cyber security, speed and bandwidth," Meyers said.

He added that the field of teleportation is advancing rapidly, and that despite the challenges that may lie ahead, he and his team see no significant roadblocks and expect more advances in their research which has the potential to enhance the way Soldiers carry out their missions on the battlefield.



Accessing Higher Education Track

The Higher Education Track classes are two-day training events, eight hours per day. The purpose is to help active duty and reserve Soldiers determine career, personal and academic goals; help Soldiers contribute to the selection of a higher education institution; present information about funding factors for selection of higher education institutions; and provide facts about admissions. This class is only for Soldiers that are transitioning from the military and currently going through the Army Career and Alumni Program (ACAP) process.

The 2014 training date Sept. 17 – 18.

Contact the ACAP/Transition office (410) 306-2303 or Army Education Center (410) 306-2042 for assistance with class registration

New PM Mission Command aligns capabilities to support Force 2025

By **KATHRYN BAILEY**
PM MC

Col. Michael Thurston assumed the charter for Project Manager Mission Command (PM MC) from Col. Jonas Vogelhut on May 30 in a ceremony that also marked the beginning of an enhanced PM MC.

PM MC now also includes Thurston's previously assigned organization, the former PM Joint Battlefield Command-Platform (JBC-P), in order to deliver intuitive, adaptive mission command and situational awareness capabilities for both the command post and platform.

"By mixing the expertise of both PM JBC-P and PM MC, we are creating a renewed energy that will spark integrated ideas," said Brig. Gen. Daniel P. Hughes, program executive officer for Command, Control and Communications-Tactical (PEO C3T). "This merger puts us on the path to deliver networked mission command solutions to support a mobile and agile Force 2025."

Each product office has delivered state-of-the-art capabilities that are enhancing situational awareness to the commander and staff. PM MC's software applications have provided capabilities in the areas of maneuver, fires, air space and logistics to bring a cohesive common operating picture to the command post leader, while JBC-P's mounted mission command capabilities



Courtesy photo

(From left) Outgoing Project Manager Col. Jonas Vogelhut looks on as Brig. Gen. Daniel P. Hughes, Program Executive Officer for Command, Control and Communications-Tactical (PEO C3T), passes the Project Manager Mission Command colors to Incoming Project Manager Col. Michael Thurston during a May 30 ceremony.

have provided friendly force and enemy tracking and messaging from inside tactical vehicles.

Hughes said that together, they will bring greater commonality and simplicity to the maps, messaging and applica-

tions that Soldiers use across all of these environments.

"By combining these organizations, PEO C3T is breaking down the barriers between the mounted and command post capabilities and accelerating the transi-

tion to a unified tactical computing environment," Hughes said.

Prior to leading JBC-P, Thurston held numerous positions in the Acquisition Corps including program management jobs in the Joint Tactical Radio System (JTRS) and Warfighter Information System – Tactical (WIN-T) programs and on the Army staff at the office of the Army Chief Information Officer- G-6.

"This is a historic day in our Army Acquisition Corps, for PEO C3T and for the men and women, past and present, who have shaped these two renowned organizations," Thurston said. "Our new organization provides greater opportunities for both system development and the commander's mission execution to be more effective, agile and decisive."

Thurston will guide both the CP CE and Mounted Computing Environment (MCE), both of which feed into the Army's initiative to implement a Common Operating Environment (COE) that facilitates interoperable systems across the entire Army.

Hughes thanked Vogelhut, Thurston and their families for their dedicated support to Soldiers, and urged the combined workforce to push forward as one, dynamic organization.

"We must all stand together to prepare for the Army's Force 2025," Hughes said. "The strength of our Army is the team we have in this room today."

Project manager for Mission Command retires

By **KATHRYN BAILEY**
PM MC

Fulfilling his intentions to serve, learn, lead and mentor, Col. Jonas Vogelhut concluded a distinguished 25-year Army career during a May 30 retirement ceremony.

Guests, colleagues, friends and Family members gathered at the Myer Auditorium at Aberdeen Proving Ground (APG) to honor Vogelhut's accomplishments.

"Although you are departing, I charge you never to forget that you are an officer in the U.S. Army and will remain so," said retired Maj. Gen. Nickolas G. Justice, former program executive officer for Command, Control and Communications-Tactical (PEO C3T), commander of the U.S. Army Research, Development and Engineering Command and APG senior leader, who led the retirement ceremony. "Your service and support of this nation is no less important today than it will be in the future."

Vogelhut received many honors during the ceremony including a Legion of Merit Award and a state proclamation in honor of his service from Maryland Gov. Martin O'Malley.

For the past three years, Vogelhut served as the Project Manager for Mission Command (PM MC), assigned to PEO C3T. He provided leadership and support to deployed and deploying forces by successfully delivering highly reliable, mission critical systems such as Command Post of the Future (CPOF), Advanced Field Artillery Tactical Data System (AFATDS) and Battle Command Sustainment Support System (BCS3). These systems and the rest of the PM MC portfolio provide commanders with the information needed to collaborate, decide and lead their organizations in combat, training and home station environments.

Vogelhut has been instrumental in modernizing command post technologies by leading the Command Post Computing Environment (CP CE) effort as part of the Army-standard Common Operating Environment (COE) for software on the battlefield. The CP CE will both modernize and simplify the systems Soldiers require for their missions.

"It has been an honor to lead the CP CE initiative on our organization's behalf," Vogelhut said. "CP CE is giving the commander the ability to balance the art of command with the science control, which is the precise definition of mission command."

Vogelhut attributes his need to serve to



Courtesy photo

(From left) Retired Maj. Gen. Nick Justice, former for Program Executive Officer for Command, Control and Communications-Tactical (PEO C3T), presents Col. Jonas Vogelhut with the Legion of Merit award as Vogelhut's wife Paula and triplet sons (from left) Marc, Jeremiah and Samuel look on during a May 30 retirement ceremony.

his late father, who was born in Czechoslovakia, emigrated from Poland to the U.S. and served his adopted country in World War II.

"My dad always said that serving one's country was just the right thing to do, and it has come as naturally to me as it did to him," he said.

Awarded a Reserve Officers Training Corp (ROTC) scholarship at the University of Pittsburgh and commissioned in 1989, Vogelhut began his leadership career as a platoon leader in the Chemical Corps and progressed from battalion to assistant division chemical officer. By 1996, he was the company commander for the 92d Chemical Company, 3d Infantry Division (Mechanized).

It was during this assignment that the company was awarded the Sibert award, which recognizes the best chemical company in the Active Army for elements of mission readiness, leadership, discipline and organizational excellence.

"I enjoyed developing new leaders during this assignment, and our hard

work resulted in this award," Vogelhut said. "The company exhibited its complete readiness when three months after my command they seamlessly deployed to Kuwait."

Vogelhut eventually chose the Acquisition Corps for its continued leadership opportunities and reach across the Army to ensure Soldiers obtain the systems they need to safely fight in battle.

Following his assignment as executive officer for PEO C3T, Vogelhut deployed to Iraq as part of PM Force XXI Battle Command, Brigade and Below (FBCB2), which became PM Joint Battle Command-Platform (JBC-P) before merging with PM MC. Vogelhut participated in the first wave of attacks of what is now known as Operation Iraqi Freedom I where he guided Soldiers on how to operate what was then a new situational awareness capability.

"For the first time, Soldiers could track vehicles by viewing a computer screen, and it was very exciting to watch them manage the battle in a different way," Vogelhut said. "That was the day [Maj. Gen. Michael] Mazzucchi, the PEO for C3T at Fort Monmouth, N.J., commanding general for CECOM at the time, informed the Acquisition Executive that the Acquisition Corps isn't relegated to the rear; they cross forward with the units."

Following assignments at the Pentagon, Vogelhut became the Joint Product Manager for Reconnaissance and Platform Integration where his organization built the dismounted reconnaissance kit for the Stryker Nuclear Chemical Biological Chemical Recon Vehicle.

In 2011, he became Project Manag-

er for Mission Command where he has continued to closely monitor the capabilities Soldiers request -- specifically in the command post.

"There is no better praise than watching Soldiers actually use the systems," Vogelhut said. "They come to us and trust we will take the research dollars we obtain and develop the next great product."

Vogelhut credits the organization's success to the workforce -- particularly the young leaders who emerged following the organization's Base Realignment and Closure (BRAC) move to APG from Ft. Monmouth.

"I have been incredibly fortunate to work with such great talent," Vogelhut said. "Many are working tirelessly to ensure we develop better products for the Soldier."

In addition to the workforce, Vogelhut draws much support from his family -- especially from his wife of 24 years, Paula. Extended military family support has also been crucial, and in the Vogelhut's case, perhaps just a bit more as they are parents to triplet boys, now teens.

"I have often shared with my boys how the community rallied around their mother when I deployed when they were just three years old," said Vogelhut.

He added that the Family ensure they "pay it forward" as often as possible to assist other military families and that giving back includes mentoring fellow Soldiers, particularly Army majors and lieutenant colonels.

"As a leader, it is important to take time to share the lessons you have learned over your career with those who may benefit from your experiences," Vogelhut said.

It has been an honor to lead the CP CE initiative on our organization's behalf. CP CE is giving the commander the ability to balance the art of command with the science control, which is the precise definition of mission command

Col. Jonas Vogelhut
Retired Military

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; OPM 630-A, Request to Donate Annual Leave to Leave Recipient Under the Voluntary Leave Transfer Program (within agency); and OPM 630-B, Request to Donate Annual Leave to Leave Recipient Under the Voluntary Leave Transfer Program (outside agency). For information, contact Joan Campbell at 410-278-5668 or joan.s.campbell.civ@mail.mil.

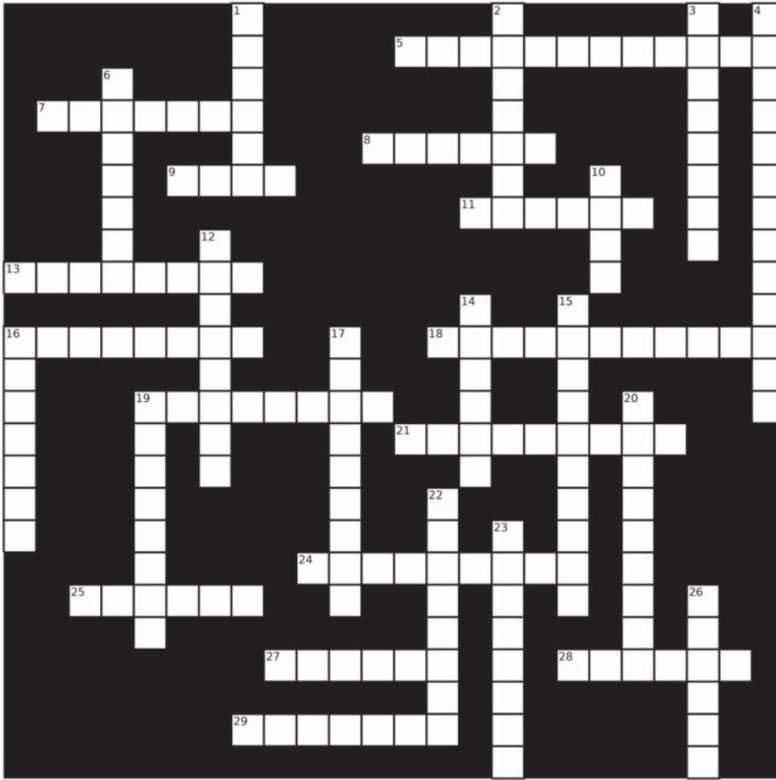
Adams, Dwayne
Armstead, Richard
Beall, Dawn
Birch, Garfield
Blethen, Lena
Blethen, Matthew
Bruner, Stephen
Cannon, Marcy
Clark, Lyra
Cobb, Joyce
Crawford, Curtis
Cwiartnie, Victoria L
Deans, Theresa
Donahue, Karen
Donlon, Jacqueline
Doran, Kemi
Eberhardt, Joanne
Evans, Doretha
Fike, Curtis
Gaddis, Lonnie

Employees eligible for donations in the Voluntary Leave Transfer Program

Green-Farley, Jessica
Gregory, Lisa
Grimsley, Sylvia
Hynes, Erin
Hoffman, William
James-Stewart, Sonya
Kennedy, Sandra
Kondu-Jammar, Tyshon
Lamar-Reeve, Kellie
Little, Angela
Lowry, Teresa
Malczewski, Stephen
Martino, Rose
Mason, Tonya
McCauley, Adrienne
McClintick, Jill
Nunley, Dana
Parks, Denise
Powell, Laura
Robinson, Jennifer

Robinson, Lisa
Rodriguez, Pedro
Rodgers, Christopher
Rushworth, Robert
Sheckelford, Angela
Sherrod, Irving
Small, Errol
Solomon, Je'Neane
Stewart, Kathleen
Sumic, Angie
Sweeney, Joseph
Taylor, Audrey
Teigue, Sarah
Terrin, Danielle
Trulli, Wayne
Urban, Brenda
Williams, Demetria
Winne, Janeen

The APG Crossword



Across

- 5. Teleportation _____ approach
- 7. Army Combat _____
- 8. APG father and daughter
- 9. CECOM command sergeant major
- 11. 325th _____ Infantry Regiment

- 13. Outgoing Project Manager for Mission Command
- 16. Film director
- 18. _____ Research and Development Agreement
- 19. Eighth Army commander
- 21. Major League Baseball player who served at APG

Answers to this puzzle may be found in this edition of the APG News, or may be common knowledge. The completed puzzle will be published in next week's paper.

- 24. Mounted _____ Environment
- 25. Junior Solar _____ Competition
- 27. _____ Savings Plan
- 28. Quantum information principal investigator
- 29. PM _____ Command

Down

- 1. _____ Operating Environment
- 2. IMCOM Atlantic Region director
- 3. 82nd Airborne _____
- 4. Army _____ production
- 6. Center of _____ Control
- 10. Hornet's _____
- 12. Army Educational _____ Program
- 14. Working Women's Scholarship
- 15. Strong _____
- 16. IMCOM Atlantic Region command sergeant major
- 17. Oak Ridge Institute for Science and _____
- 19. APG Senior Commander
- 20. _____ Employed Women
- 22. Incoming Project Manager for Mission Command
- 23. 101st _____ Division
- 26. APG _____

Solution to the June 5 puzzle



WORD OF THE WEEK

Agog

Pronounced: uh-gog

Part of Speech: Adjective

Definition:

- 1. Highly excited by eagerness, curiosity, anticipation, etc.

Part of speech: Adverb

Definition:

- 2. In a state of eager desire; excitedly.

Origin:

1535-45; variant of on gog (in phrase set on gog rouse, stir up)

Uses:

- Fans around the world could watch agog as the deadline neared and bids rose.
- They were agog at the possibilities suggested by the new technology.
- Nearly everyone is agog these days at the wonders of the electronic computer.

By YVONNE JOHNSON, APG News

Exchange offers prizes for Homeward Bound Campaign

AAFES

The Army & Air Force Exchange Service's Homeward Bound campaign is sizzling in June with a variety of giveaways to celebrate the homecoming of America's Warfighters and honor those who serve.

Shoppers who visit the Exchange Facebook page at www.facebook.com/AAFES. BX.PX have a chance to win various prizes throughout the month, including:

- One of seven Apple MacBook Air computers, June 13-19.
- An MWR Vacations trip for two valued at \$999 or a 65-inch LG SMART television valued at \$1,699, June 27-July 10.

"The Homeward Bound giveaways are really heating up for June," said Exchange Chief of Staff Col. Tom Ockenfels. "Several military shoppers will have the chance to walk away winners."

To enter the Homeward Bound contests and for more information about upcoming promotions, visit www.shopmyexchange.com/homewardbound.

ACRONYM OF THE WEEK

ARCENT

U.S. Army Central Command

The U.S. Army Central Command's geographical area of responsibility is one of the most volatile regions of the globe -- the Middle East, Southwest and Central Asia, and the Horn of Africa. ARCENT shapes the U.S. Central Command Area of Responsibility through forward land power presence and security cooperation engagements in order to assure access, build partner capacity, and develop relationships; while simultaneously providing flexible options and strategic depth to the Combatant Commander and setting the conditions for improved regional security and stability.

RDECOM's Beharie lauds greening program

By **DAN LAFONTAINE**
RDECOM

About 30 U.S. Army civilians are set to undertake a week-long course to better understand what it means to be a Soldier.

Command Sgt. Maj. Lebert Beharie said he has been impressed with the commitment of Army scientists and engineers during his two-and-a-half years as senior enlisted advisor of the U.S. Army Research, Development and Engineering Command.

"I tell all the senior leaders of the Army, 'I'm convinced now that I've been a part of RDECOM, not all of our Soldiers wear [Army Combat Uniforms]. We have Soldiers who wear civilian clothing,'" he said.

Beharie spoke June 5 during the greening-course kickoff. The group will train at Gunpowder Military Reservation and two APG locations -- Lauderick Creek Training Site and Aberdeen Test Center -- starting June 9 on tasks such as squad movement, land navigation, radio protocol and driving Mine-Resistant Ambush-Protected vehicles.

RDECOM's Communications-Electronics Research, Development and Engineering Center organized the course for civilian employees from across APG.

Beharie said his first appreciation for the Army's scientific and engineering talent came on a 2012 trip to RDE-



Photo by Conrad Johnson

Command Sgt. Maj. Lebert Beharie, senior enlisted advisor of the U.S. Army Research, Development and Engineering Command, speaks during a greening-course kickoff June 5 at APG.

COM's forward deployed prototype integration facility in Afghanistan. Soldiers and Army civilians worked side-by-side to develop rapid techno-

logical solutions in theater.

As he learned about the civilian workforce's contributions, he encouraged the group to understand Soldiers'

duties and responsibilities.

"We want you to know about what we do -- a day in the life a Soldier. If you can appreciate what I go through every day, you can have a greater understanding when you're creating technology for me," Beharie said. "Interact with these [noncommissioned officers] and officers. Ask them questions."

RDECOM Deputy Commanding General Brig. Gen. William Cole said that RDECOM employees are uniquely positioned to find answers for Soldiers' needs.

"Because of programs like the greening course, deployments and regular interactions with Soldiers assigned to RDECOM, our civilian scientists and engineers have an excellent understanding of Soldiers' needs and requirements. The greening course provides an opportunity for our civilians to gain first-hand knowledge of how our Soldiers use the technology that RDECOM develops," Cole said.

Beharie told the group that commitment is what allows Soldiers to carry out their missions and come home safely.

"Thank you for what you do for our Soldiers who wear this uniform. Taking care of our mission and the welfare of our Soldiers is all we care about. When the commander-in-chief tells us to go, we salute the flag and go to protect our democracy and our Constitution," he said.

Exchange to give away two Smart cars

Exchange

Summer is about to get sweeter as the Army & Air Force Exchange Service teams up with Welch's/Sour Jacks to offer two military shoppers a chance to drive home a brand-new Smart cars.

Through July 31, shoppers can enter the Promotion in Motion Smart Car Giveaway at Exchange locations worldwide for the chance to win one of two Smart cars, each valued at \$15,000.

"It's smart to enter this sweepstakes for a chance at a brand-new car," said Exchange Chief of Staff Col. Tom Ockenfels. "Military shoppers can stop by their nearest Exchange to fill out an entry form. It's that easy."

Authorized shoppers 18 years and older can enter the Promotion in Motion Smart Car Giveaway. No purchase is necessary, and the drawing will take place on or about Aug. 29.

For more information, visit the Exchange website at www.shopmyexchange.com/ExchangeStores.

U.S., French honor American D-Day hero

Story and photo by
SGT. DANIEL COLE
USAEUR

Lt. Col. Charles J. Timmes was the commander of 2nd Battalion, 507th Parachute Infantry Regiment, 82nd Airborne Division, when he jumped into Normandy, France, June 6, 1944, not knowing what the next 96 hours would hold for him and his Soldiers.

Upon landing, Timmes was immediately fighting for his life, but not because of an enemy attack. The battalion commander landed in a flooded field and nearly drowned when a strong wind gust filled his parachute and dragged him over 200 yards. After the first gust of wind, a second gust picked him up and dragged him onto a nearby hill, saving his life.

Timmes and his men later rallied together more than a mile away from their original landing point, where they came under attack from enemy forces. After they held off the enemy forces, Timmes only had 150 men, one 57-millimeter canon, two machine guns and no means of communication with higher headquarters. Nazi troops kept up pressure on the paratroopers, but Timmes and his men kept them at bay over four grueling days of combat.

Finally, 1st Lt. John Marr from Golf Company, with the 507th Parachute Infantry Regiment, and Pfc. Norman Carter, the company's runner, broke from the battle to make contact with the 82nd Airborne command post, which was several miles away. Upon arriving safely to the command post, Marr and Carter were able to inform the command of their situation. The 325th Glider Infantry Regiment then came to the rescue and attacked the German forces from behind, resulting in the enemy being overpowered and Timmes' U.S.



Ernie Lamson, a World War II veteran and former Soldier assigned to Alpha Company, 508th Parachute Infantry Regiment, 82nd Airborne Division, still wears his original Airborne wings, now around his left wrist. Lamson attended a ceremony in Amfreville, France, June 4, honoring Lt. Col. Charles Timmes, invasion of Normandy veteran and former commander of the 2nd Battalion, 507th Parachute Infantry Regiment, 82nd Airborne Division.

paratroopers winning the fight.

Seventy years later, Timmes and his story are legendary. The place he landed is now known as Timmes' Orchard, and a memorial site rests nearby to remind the locals of the brave commander who lead his troops through those fateful and seemingly endless nights. The memorial is made up of three standing stones, one each for the 507th Parachute Infantry Regiment, the 508th Parachute Infantry Regiment and the 325th Glider Infantry Regiment.

A crowd gathered there Wednesday,

June 4, to honor Timmes and his fellow U.S. veterans with a wreath-laying ceremony. The event was one of several commemorations celebrating the 70th Anniversary of D-Day operations conducted by the Allies during World War II, June 5-6, 1944.

"[Those standing stones honor] the paratroopers of the 507th and 508th Parachute Infantry Regiments and foot Soldiers of the 325th Glider Infantry Regiment because they fought here, surrounded by enemy forces who were superior in numbers and armaments," said Daniel Briard, who gave remarks at the ceremony. "Lt. Col. Timmes was never desperate. Himself and his men never gave up in front of enemy pressure."

One-by-one, each unit's stone received its wreath from a veteran who carefully placed the arrangement in front of the stones. Each representative then stood up and rendered an honorary salute.

One of Timmes' comrades in arms, Ernie Lamson, sat solemnly in the front row staring down at the wreath he laid in front of the grey glossy stone dedicated to the unit in which he had served during the invasion, the 508th Parachute Infantry Regiment.

Lamson, a paratrooper assigned to Alpha Company, was the company clerk at the time and knew almost everyone in his unit, not only because he took care

of their administrative needs, but also because he was training alongside them every week.

During the ceremony, Lamson stood out from the rest of the attendees, in bright red 82nd Airborne Division attire decorated with polished jump wings, a belt buckle, and more patches, badges and trinkets then most would even try to count. He also wore the original parachute badge he received after completing jump school in 1943, on a bracelet on his left wrist.

The 92-year old veteran was not able to jump on June 6, 1944. Lamson broke his femur during a jump a few months before the operation. When the medics came to his aid they put him on a stretcher and were preparing to carry him off the landing zone when one of the handles on the stretcher broke. The fall resulted in further injury, including a punctured lung.

"I always felt cheated because I didn't stay with the guys that I trained with," said Lamson in a somber tone.

That powerful sentiment of camaraderie is the same one that helped Timmes push his men through their brush with death.

Seventy years later, it lingers in Timmes Orchard where the national anthems of the United States and France brought tears to the eyes of those in attendance at the memorial site.

[Those standing stones honor] the paratroopers of the 507th and 508th Parachute Infantry Regiments and foot Soldiers of the 325th Glider Infantry Regiment because they fought here, surrounded by enemy forces who were superior in numbers and armaments. Lt. Col. Timmes was never desperate. Himself and his men never gave up in front of enemy pressure

Daniel Briard
Ceremony speaker

Eighth Army celebrates 70th anniversary

By **WALTER T. HAM IV**
Eighth Army PAO

The top U.S. Army formation in South Korea, Eighth Army will celebrate its 70th anniversary June 10, 2014.

Activated during World War II, Eighth Army has served with distinction in the Asia Pacific region since then.

Called the Pacific Victors, Eighth Army troops conducted more than 60 amphibious "island hopping" assaults during World War II, and earned the nickname the "Amphibious Eighth." Eighth Army then served as the occupation force in Japan after the war.

In July 1950, Eighth Army was dispatched to defend South Korea against invading North Korean forces. Commanding United Nations ground forces, the storied combat formation held the last defensive line in Korea against long odds during the early days of the Korean War and enabled the amphibious landing at Incheon that changed the momentum of the war in the UN's favor.

Deterring aggression against South Korea and maintaining stability in the



Photo by Sgt. Kim Kuanmin

On June 10, the Eighth Army celebrated its 70th Anniversary. The storied combat formation has served on the Korean Peninsula since 1950, and continues to defend freedom in South Korea.

Asia Pacific region, the Pacific Victors have served on the Korean Peninsula since a ceasefire agreement brought active hostilities to an end, in 1953.

Today, Eighth Army is the only operational-level combat formation in the U.S. Army that serves and trains within enemy artillery range.

Eighth Army Commander, Lt. Gen. Bernard S. Champoux said American Soldiers in Korea uphold their nation's proud legacy of defending freedom on the Korean Peninsula side-by-side with their South Korean allies.

"Eighth Army is a battle-tested formation with an incredible legacy of leadership and service on the Korean Peninsula and in the Asia Pacific region," said Champoux, a native of Pittsfield, Mass., who has commanded the legendary fighting formation since June 2013.

"Eighth Army represents our nation's enduring commitment to peace, stability and security in this important corner of the world and I couldn't be more proud of the men and women who are serving in Eighth Army today."



At your service

Matt Williams Ruggles pro shop manager

Matt Williams manages the pro shop, located in the clubhouse at Ruggles Golf Course on APG North (Aberdeen). His responsibilities include merchandising, inventory and managing employees that work in the shop. He is a Nonappropriated Fund employee.

"My biggest project right now is the inventory, determining what sells at APG," Williams said.

He said he enjoys getting to know people who come to the golf course, many who are frequent customers. He noted that golf clubs are an investment, and that a typical custom golf

club fitting can take at least an hour. A new golf club fitter is on hand to service Ruggles customers.

"When the customer walks in the front door, it is our job to make sure the customer feels welcome and at home," he said. "I am in this business to service people who play golf. We have a ton of repeat business."

Williams also helps run golf tournaments and determines what products from the pro shop will be used for prizes. He also helps Ruggles Business Manager Rik Bond with the day-to-day operations of the golf course.

"One of the sayings in this business is that golf professionals wear many hats," he said.

A PGA apprentice, Williams is working toward becoming a PGA

member. He has been in the golf business for 14 years. In addition to managing the pro shop, he teaches golf lessons and leads golf clinics at Ruggles and at the Exton Golf Course in APG South (Edgewood).

"I can honestly say that I look forward to coming to work, because I am in a line of work that I enjoy," he said. "I do my hobby for a living, not many people can say that."

Ruggles Golf Course is open 7 a.m. to dusk, April through November. In December through March, the course is open 7:30 a.m. to dusk, weather permitting. To schedule a custom golf club fitting or for more information, call 410-278-4794 or visit the Morale, Welfare and Recreation website at <http://www.apgmwr.com/recreation/golf/>.

MARK YOUR CALENDAR

TODAY

JUNE 12

TEAM APG TO CELEBRATE ARMY'S 239TH BIRTHDAY

Come out and celebrate the Army's 239th birthday starting out with a 5K run/2-mile walk at Fanshaw Field. Organizations form on Fanshaw Field 6 a.m. The run begins 6:30 a.m. and should be completed by 8:30 a.m.

Everyone is invited back to Fanshaw Field for an 11:20 a.m. performance by the Army's Old Guard (Fife & Drum Corps) and to view vehicle and organization displays. In case of inclement weather, the event will be held in the post theater.

THURSDAY & FRIDAY

JUNE 12-13

STRONG BONDS MARRIAGE RETREAT

The APG Chaplaincy will host a Strong Bonds Marriage Retreat starting 8:30 a.m. at Sandy Cove Ministries in North East, Md. Daycare will be provided. For more information, call the APG North (Aberdeen) chapel administrative office at 410-278-4333.

MONDAY

JUNE 16

TOASTMASTERS MEET

The Gunpowder Toastmasters will meet 11:40 a.m. to 12:40 p.m. at the CDTF Bldg. E4516 in APG South (Edgewood). Meetings are held the first and third Monday of the month. In the event of a holiday, the meeting is postponed until the next day, Tuesday.

Toastmasters International offers a program of communication and leadership projects designed to help people improve their communication, public speaking, and leadership skills. Club members learn the art of speaking, listening, and thinking.

For more information, contact Vincent Minichiello at 410-436-4974 or email vminichiello@gpstrategies.com

TUESDAY

JUNE 17

SAME NETWORKING EVENT

The Chesapeake Post of the Society of American Military Engineers (SAME) WILL host a STEM Networking Event at Wetlands Golf Club 5:30 to 8 p.m.

The purpose of the event is to network local high school/college students interested in STEM education and careers with STEM professionals. SAME will also recognize scholarship recipients for the 2014-15 school years. Students attend this event for free. The featured speaker is Larry Muzelo, director of the Software Engineering Center at the U.S. Army Communications and Electronics Command (CECOM).

To register, go to the SAME website at <http://same-chesapeake.eventbrite.com> or call Tom Frendak 410-688-0318.

THURSDAY

JUNE 19

WOA MONTHLY MEETING

The U.S. Army Warrant Officer Association's Aberdeen-Edgewood "Silver" Chapter will meet 11:30 a.m. at the APG North (Aberdeen) recreation center, Bldg. 3326, room 102. Lunch will be provided 11:30 a.m. and the meeting lasts from noon to 12:45 p.m.

For more information, contact retired Chief Warrant Officer 4 Owen McNiff at 571-243-6561/443-861-1936 or email omcniff@yahoo.com.

FAMILY MOVIE NIGHT

Protestant Women of the chapel will host Family Movie Night 6 to 8 p.m. at the APG North (Aberdeen) Chapel. Bring the whole Family. For more information, contact Serenity Coats, PWOC president, at 419-250-3579 or email: serenitycoats@hotmail.com.

SATURDAY

JUNE 21

SAVE THE DATE: ARMY BIRTHDAY BALL

Celebrate the Army's 239th birthday with an evening of dining, dancing and entertainment at the Gaylord National Resort and Convention Center, 201 Waterfront Street on the National Harbor, MD 20745. Entertainment includes a unique, combined performance of the U.S. Army Band "Pershing's Own," the U.S. Army Field Band and the U.S. Army Soldier Show. For tickets and more information, visit <https://www.us.army.mil/suite/page/692317>.

THURSDAY

JUNE 26

CHANGE OF RESPONSIBILITY

CEREMONY

The APG Garrison invites the community to witness the transition from Command Sgt. Maj. James Ervin to incoming Garrison Command Sgt. Maj. Jeffrey Adams from Fort Carson, Colo., during a 1 p.m. change of responsibility ceremony at the post theater. For more information, call 410-278-1147.

RAB MEETING

The next RAB meeting will be held on 7 p.m. at the Ramada Conference Center, 1700 Van Bibber Road, in Edgewood. The topics of discussion will be an update on Other Edgewood Areas and Lauderick Creek Cluster 13. For more information, contact Karen Jobs at 410-278-6755 or email karen.w.jobs.civ@mail.mil.

WEDNESDAY

JULY 9TH

FIRE MARSHALL TRAINING

Training for building Fire Marshalls will be held 1 to 3 p.m. at the APG South (Edgewood) Conference Center, Bldg. E4810.

Training will be conducted by the APG Fire Department Fire Prevention Branch and will review what the post requires of tenants to assure fire safety in the buildings they occupy and for which they are responsible. It will include monthly inspection requirements fire extinguisher inspections.

For additional information, contact William J. Bond, fire protection inspector,

At 410-306-0093 or email william.j.bond1.civ@mail.mil.

ONGOING

FEW SCHOLARSHIP DEADLINE JULY 1

The Maryland Tri-County Chapter of Federally Employed Women (FEW) is accepting applications for the Dottie Dorman Working Woman's Scholarship. The \$500 award is to offset college expenses incurred while in pursuit of continuing education.

Applicants must:

Be a female government employee (civilian or military) and employed in a federal job working in Baltimore, Cecil or Harford County.

Currently enrolled and pursuing college level studies at an accredited college or university.

Provide proof of enrollment for current semester.

Submit an essay explaining why they should be awarded the Dottie Dorman Working Woman's Scholarship.

All submissions should be typed and not exceed two pages.

Submit applications to: Maryland Tri-County Chapter of FEW, P.O. Box 1613, Bel Air, MD 21014

Criteria:

- You are currently in a position limited in promotion potential.

- There is lack of government funding.

- You are currently or recently involved in reduction-in-force (provide dates).

- All applications must be submitted by July 1.

For more information, contact Karen Jobs at 410-436-4299 or email karen.w.jobs.civ@mail.mil.

THROUGH AUGUST 19

EDUCATION CENTER SUMMER SEMESTER

The Army Education Center on post college schedule for the summer semester is as follows:

- Florida Institute of Technology, Through -July 25

- University of Maryland, June 16 - Aug. 10

- Harford Community College, June 30 - Aug. 1

- Central Michigan University, July 9 - Aug. 19

For more information, contact the Army Education Center at 410-306-2042/2037.

2ND INFANTRY DIVISION REUNION

The Second (Indianhead) Division Association is searching for anyone who served in the 2nd Infantry Division at any time. For information about the association and its 93rd annual reunion in Omaha, Ne. from Sept. 16 - 20, contact secretary-treasurer, Bob Haynes, at Zidahq@comcast.net or 224-225-1202.

AIRBORNE HAZARDS & OPEN BURN PIT REGISTRY

VA encourages all Gulf War Veterans - anyone who served in the Persian Gulf area from August 1990 to present - to sign up for the Airborne Hazards

and Open Burn Pit Registry which is established by Public Law 112-260. The registry provides an opportunity for veterans to receive information updates and to help VA improve its understanding of deployment-related health effects. During deployment, Gulf War veterans may have been exposed to smoke from burn pits, oil-well fires, and air pollution. Veterans must complete an online health questionnaire to participate in the registry. For more information, visit www.publichealth.va.gov/exposures/burnpits/.

INSIDE APG

APG commanders and subject matter experts will discuss topics of interest to the local community every Saturday and Wednesday at 7:50 a.m. during "Inside APG: Creating One Community Without a Gate," a monthly radio series on 970 WAMD. For more information about the series, to schedule or request an interview, call the Garrison Public Affairs Office at 410-278-1150. For previous interviews, follow these links: <http://youtu.be/a8vuMdxmG50>; <http://youtu.be/se7hTkwnbO8>

CPR, AED CLASSES SCHEDULED

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

June 18, Edgewood Conference Center

July 16, APG North (Aberdeen) chapel

Aug. 20, Edgewood Conference Center

Sept. 17, APG North (Aberdeen) chapel

Oct. 15, Edgewood Conference Center

Nov. 19, APG North (Aberdeen) chapel

Dec. 17, Edgewood Conference Center

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

ARMY WELLNESS CENTER OFFERING SERVICES AT APG SOUTH CLINIC

The Army Wellness Center is seeing clients at the APG South (Edgewood) Clinic, Bldg. E4110 twice a month. Clients can have metabolism and body composition assessments and other services without having to drive to APG North (Aberdeen). Service members and their Family members, retirees and Army civilians can make an appointment through the APG North AWC, or be referred by their unit or primary health care provider at Kirk U.S. Army Health Clinic. Upcoming APG South AWC dates are:

June 5, 11 and 25; July 11, 23 and 29; and Aug. 5, 14 and 27.

For more information, or to schedule an appointment call 410-306-1024.

REPORT POWER OUTAGES TO CORVIAS MILITARY LIVING

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

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

APG: 1-866-958-5412

Patriot Village: 1-866-871-6257

NH Office: 410-305-1076

SOUTH DAKOTA VETERANS BONUS

South Dakota is paying a bonus to members of the armed forces who were legal residents of the state for no less than six months immediately preceding their period of active duty and who served on active duty during one or more of the following periods.

1. Aug. 2, 1990 to March 3, 1991 - All active service counts for payment.

2. March 4, 1991 to Dec. 31, 1992 - Only service in a hostile area qualifying for the Southwest Asia

Service Medal counts for payment.

3. Jan. 1, 1993 to Sept. 10, 2001 - Only service in a hostile area qualifying for any United States

campaign or service medal awarded for combat operations against hostile forces counts for payment.

4. Sept. 11, 2001 to a date to be determined - All active service counts for payment.

Veterans with qualifying service before Dec 31, 1992 [Desert Storm] and after Jan 1, 1993 [Operation Iraqi Freedom] may receive two separate bonuses of up to \$500.00 each.

Applicants living outside of South Dakota may obtain an application by email at john.fette@state.sd.us. Include your branch of the military and dates of service. Those without email can send for an application and instructions from: SD Veterans Bonus, 425 E. Capitol, Pierre, SD 57501-5070 or call 605-773-7251.

Applicants living in South Dakota may apply through the nearest county or Tribal Veterans Service Officer.

KEYSTONE CLUB

This free class for high school students meets every other Friday, 7 to 9 p.m. at the APG North (Aberdeen) Youth Center, Bldg 2522. This unique leadership development experience provides opportunities for young people ages 14-18. Youth participate in activities, both in and out of the club, in three focus areas: academic success, career preparation and community service. With the guidance of an adult advisor, Keystone Club aims to have a positive impact on members, the club and community. Participants may bring up to two non-DoD friends. For more information, call 410-278-4995.

YOUTH CENTER OPENINGS

The Aberdeen and Edgewood programs currently have immediate openings for the 2013-2014 school year at their School Age & Youth Services facilities. Openings are available in both locations for eligible users. For more information, call 410-278-7571/7479.

FRIDAY NIGHT OPEN RECREATION FOR TEENS

The APG North (Aberdeen) Youth Center, Bldg 2522, invites all high school students out to its free Friday Night Open Recreation for Teens, every Friday from 6 p.m. to midnight. Teens are invited out to meet new friends, shoot some hoops or just play some pool. Bring up to two non-DoD friends to join in the fun. For more information, call 410-278-4995.

MORE ONLINE

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

CONSTRUCTION ALERT

Traffic rerouted due to construction

Portions of Susquehanna Avenue are closed for repaving. From Maryland Blvd. to Springfield St. there will be flaggers for access to the 4500 block and motorists are cautioned to be alert for signs and flaggers directing traffic. From Springfield St. to Frankford St. the road will be closed until June 23. Beginning on June 23 through July 7, Susquehanna Avenue between Bel Air St. and Boothby Rd. will be closed for repaving.

CONSTRUCTION ALERT



Like us on facebook

www.facebook.com/APGMd

Follow us on twitter

<https://twitter.com/USAGAPG>



Check us out on flickr

<http://www.flickr.com/photos/usagapg/>

APG NEWS

This Week in APG News history

By **YVONNE JOHNSON**, APG News



50 Years Ago: June 11, 1964

Clockwise from left:
APG Senior Double team members Ralph McMahon and Thomas Rafferty will represent APG in the Second Annual U.S. Army tennis championships at Edgewood Arsenal set for Monday, June 15, 1964. Jim Pinkerton and Victor Rubackis will represent APG in the open single and doubles.

APG baseball team pitcher Gene Brabender struck out 18 and logged a grand slam home run in a 7-2 win over the YMCA All Stars of the Baltimore Unlimited League Monday, June 8, 1964. Brabender was the property of the Los Angeles Dodgers and slated to play for Spokane this season before he was drafted into the Army. (He went on to a five-year career in Major League Baseball where he played for the Dodgers, the Seattle Pilots, the Milwaukee Brewers and the Baltimore Orioles).



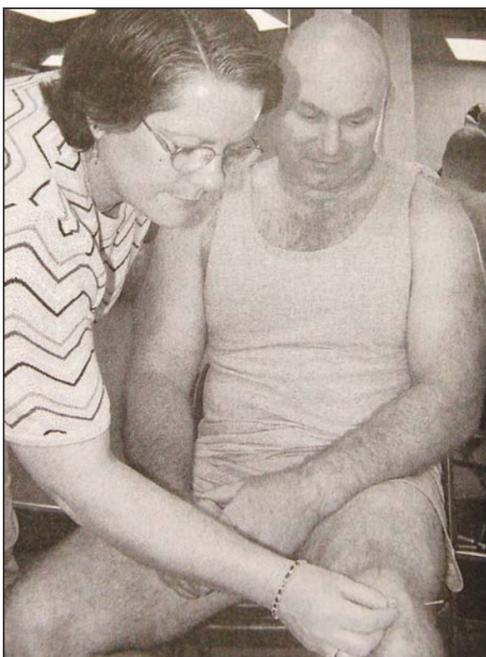
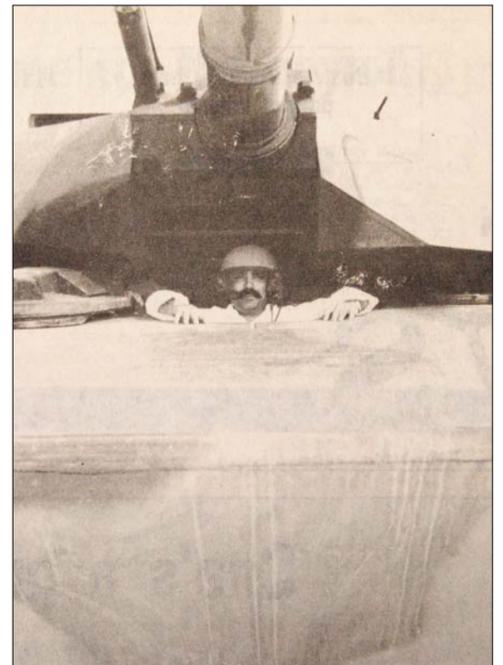
Spc. Harold Gordon, a U.S. Army Ordnance Center and School instructor and his wife Irene cradle their little heavyweight, Leon Edward. The baby weighed 11 pounds, 1 1/2 ounces at birth, setting a new Kirk Army Hospital weight record.

25 Years Ago: June 14, 1989

Clockwise from top left:
(From left) Angie Earle of the U.S. Army Combat Systems Test Activity waits as Ed Simmons, an electronics mechanic in the Audio Visual Support Division adjusts the transmitter sound enhancement system purchased by the APG Support Activity for use by hearing impaired employees.

Asif Zardari, husband of Pakistani Prime Minister Benazir Bhutto, rides in an M1A1 main battle tank during a visit to APG June, 1989.

1st Lt. Julian Velasquez checks operating room equipment for waste anesthetic gas leaks with an infrared gas analyzer. Velasquez is a member of the U.S. Army Environmental Hygiene Agency's Healthcare Hazards Management Division.



10 Years Ago: June 10, 2004

Clockwise from left:
(From right) Aaron Schachte of the 61st Ordnance Brigade watches and acupuncturist Jean Kneebone apply needles to his knee during National Health and Fitness Day activities at the Aberdeen Area Fitness Center.

Miss Poppy, Mirikole Street, sells a poppy to Rowland Anderson of Perryville during Memorial Day festivities at the Perryville American Legion Post 135. Garrison Commander Col. Mardi U. Mark and Command Sgt. Maj. Elvis Irby were the program's special guests.



(From left) Sgt. Dan Rodriguez and Officer Erik Miller go "rucking" with full ruck sacks during the 2004 Special Olympics Torch Run relay on Route 40 in Aberdeen. APG police runners wore ruck sacks to tribute Soldiers killed in the Iraq war, according to Miller.



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."

RDECOM, UMBC agree to partnership



Photo by Conrad Johnson

(From left) Dr. Freeman A. Hrabowski III, president of the University of Maryland Baltimore County, and Dale A. Ormond, director of the U.S. Army Research, Development and Engineering Command, sign a cooperative research and development agreement June 6 in Baltimore.

By **DAN LAFONTAINE**
RDECOM

The U.S. Army signed an agreement with the University of Maryland Baltimore County June 6 to spur scientific research in areas of mutual interest.

Senior leaders from the U.S. Army Research, Development and Engineering Command and the university entered into a cooperative research and development agreement, known as a CRADA, at the UMBC campus.

RDECOM Director Dale A. Ormond said he was impressed with the school's emphasis on science and engineering as he formalized the CRADA with UMBC President Dr. Freeman A. Hrabowski III. The organizations share a common goal of furthering the boundaries of science and engineering, Ormond said.

"I don't think there's any discipline you can teach that we don't use some-

place in this command," Ormond said as he described his workforce of 11,000 scientists and engineers spread across seven organizations.

The formal agreement provides a framework for RDECOM and UMBC researchers to work together on projects while sharing facilities, equipment and other resources. RDECOM now has 263 total CRADAs and 20 with universities.

RDECOM signed CRADAs with two other Maryland institutions -- Morgan State University and the University of Maryland College Park -- in 2010.

Hrabowski discussed his students' successes and how UMBC and Army researchers will fit together well.

"We have the highest percentage of students in science and engineering in the state," Hrabowski said. "Almost half are graduating with degrees in science or engineering. Many are interested in working for their country.

"Large numbers of students at UMBC have families in the military because they retired in this area. They really understand the nobility of the work."

The agreement now allows the organizations to enter into joint work statements that focus on specific topics. After the CRADA signing, Suzanne Milchling, director of program integration at

RDECOM's Edgewood Chemical Biological Center, and UMBC Vice President for Research Dr. Karl V. Steiner finalized the first JWS.

ECBC scientists will partner with the university's chemistry department on developing next-generation systems for detecting hazardous compounds, according to Milchling.

UMBC will also be a valuable partner to the command as a large percentage of its workforce nears retirement age, Ormond said.

"Over the next 10 to 15 years, we're going to have a huge changeover in our workforce. About 50 percent of our scientists and engineers are in their early to mid-50s," Ormond said. "I need smart, bright people who have STEM degrees to come work for us so we can continue to push the leading edges of science and engineering."

Hrabowski said the university is poised to meet the Army's scientific and engineering needs.

"We are producing a lot of really smart people. I'm looking forward to seeing so many UMBC students [at RDECOM], that you come to think of us as a major partner," he said.

Ormond extolled the virtues of his employees' efforts in enabling the success of Soldiers as well as the unique opportunities afforded by working as an Army researcher.

"Once I get a kid into one of our laboratories, they get to do things they could do no place else," he said. "In the end, they're all helping a Soldier in the middle of nowhere execute their mission and come home safely.

"There's a tremendous amount of motivation for our scientists and engineers. I argue, in many ways, we more profoundly impact that Soldier's ability to do that than anyone else."

“Once I get a kid into one of our laboratories, they get to do things they could do no place else. In the end, they’re all helping a Soldier in the middle of nowhere execute their mission and come home safely.”

Dale A. Ormond
RDECOM Director

Talent, teamwork make for amazing show

Continued from Page 1

care specialist and closed with the entire ensemble backing up duo soloists Staff Sgt. Lynette Collier of Fort Bragg, N.C. and Texas National Guard Spc. Enjolee Williams with a thrilling, energy-infused rendition of the anthem that left many in tears.

The audience clapped and sang along to popular tunes like "Royals" by Lorde and classics like the Beatles' "Hard Day's Night." The show weaved issues like suicide prevention, sexual harassment/assault prevention, post-traumatic stress disorder, and homesickness and resiliency together in a musical mix that viewers could empathize with while delighting in. The show also paid tribute to Survivor Outreach Services and the recently released Gold Star pins for mothers and survivors.

"I thought it was phenomenal and fantastic," said military spouse Melinda Conway, adding, "This was my second Soldier Show. The Beatles song really stood out for me but I liked the overall presentation. It was more of a tribute than I expected but it gave just enough to make you understand. It hit home."

"I just love all the talent," added Steve Meade. An Army retiree who has "watched a few shows" in the past, Meade said that over the years Soldiers seem to have become more talented.

"They hold your attention from start to finish," he said. "It's amazing."

APG Senior Commander Brig. Gen. Bruce T. Crawford and CECOM Command Sgt. Maj. Kennis Dent thanked the performers after the show.

"These are your 2014 Soldiers," Crawford told the audience. "And because of Soldiers like these we celebrate the Army's 239th birthday and know that 239 years from now this will still be the land of the free and the

home of the brave."

Soldier Show noncommissioned officer in Charge, Sgt. 1st Class Frederick McDuffy, said the 2014 show has been a huge road success thus far thanks to the talent and commitment of the performers.

"They all believe in the message, they work as a team and insert themselves into their roles. You can tell by their delivery of every song. They believe."

McDuffy encouraged Soldiers to audition for the show noting that Army Entertainment accepts applications year-round.

"We screen in January and make selections for live auditions," he said. "Soldiers are evaluated by a panel in kind of an 'American Idol' environment. We tell them their strengths and weakness and keep the best of the best.

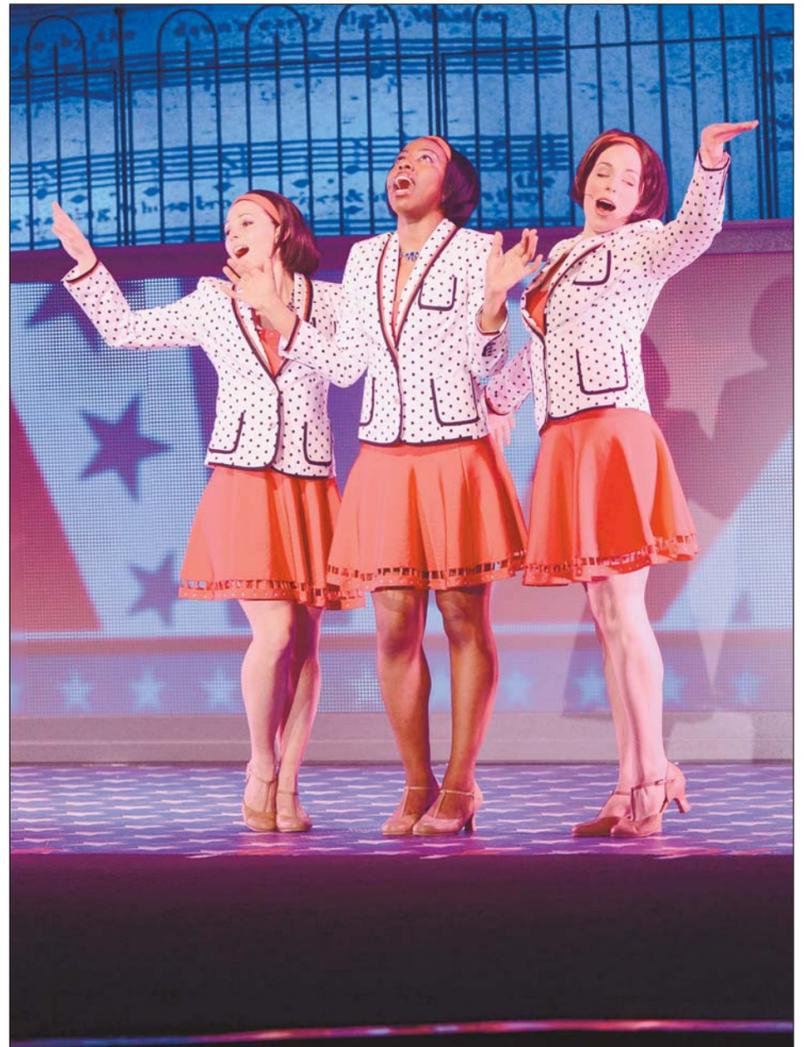
"That's when we build our show."

Soldier Show auditions

The Soldier Show is a live Broadway-style variety performance featuring the Army's best talent. Its singers and dancers hail from the Regular Army and Army National Guard and Reserve components.

Each year, Army Entertainment brings together a talented troupe of performers who are selected through a rigorous audition process. They spend months rehearsing and training before taking the show "on the road" annually between May and September. Even the backstage crew for the Soldier Show has a lengthy screening process. Soldiers who think they have the talent or technical skills are encouraged to audition.

To download an application, view a sample application packet and learn about additional requirements, visit the Army MWR website at http://www.armymwr.com/releisure/entertainment/experience_army_entertainment.aspx.



U.S. Army photo

(From left) Spc. Amanda Spear, Indiana National Guard; Spc. Enjolee Williams, Texas National Guard and Pfc. Melinda Douglas of the New Jersey National Guard delight the audience with a classic Andrew Sisters tune during the 2014 U.S. Army Soldier Show performance at the APG post theater June 5.

Send newspaper submissions to the APG News

Community members are asked to send all submissions for the APG News to usarmy.apg.imcom.mbx.apg-pao@mail.mil, and CC patricia.g.beauchamp.civ@mail.mil. Type APG NEWS SUBMISSION in the Subject Line. You should receive a response within three business days letting you know that the submission has been received. If you do not receive a response, please call 410-278-7274 to inquire.

STEM youth build, race solar electric cars

Continued from Page 1

Young said that JSS is an Army Educational Outreach Program (AEOP) and that teams are judged on the merits of the design, teamwork and the success of the model solar electric cars. JSS encourages the use of the STEM (science, technology, engineering and mathematics) principles, she said.

Competitors hailed from around the region.

Denise Kalten drove up from Baltimore to watch her 12-year-old son Dylan compete with his team. She looked on, concerned, as ARL volunteer and mechanical engineer Cyle Teal made adjustments to the team's car. The solar cars can fit inside the average adult-sized shoe box.

"They're having trouble with the gears. We're hoping it works out so they can race," she said. "I understand parts of this but his dad's more into it than I am."

The day consisted of registration, car inspections, model and vehicle regulation reviews, and documentation judging followed by heat races. Teams practiced their cars on a test track outside the center prior to the afternoon race.

At a repair table set up alongside the track, parent Christopher Wright worked on a cars from Teams Zara and Apollo, two all-girl teams from Fallston Middle School. Volunteer Jennifer Burke said the group frequently participates in STEM-related events.

"Things like this promotes skills, teamwork and leadership," she said, adding that her children are active in the GEMS (Gains in the Education of Mathematics and Science) program,

which Young also leads.

Lynn Faulkner coached the two teams. A naturalist with the Anita Leight nature center in Abingdon, Faulkner is the wife of Tom Faulkner, a U.S. Army Research, Development and Engineering Command civilian. She said the girls understand the challenges for women in male-dominated occupations.

"Diversity is really important," she said, adding that she discovered the advantages of STEM last summer when her daughter was the only female in a group of competitors during a similar competition.

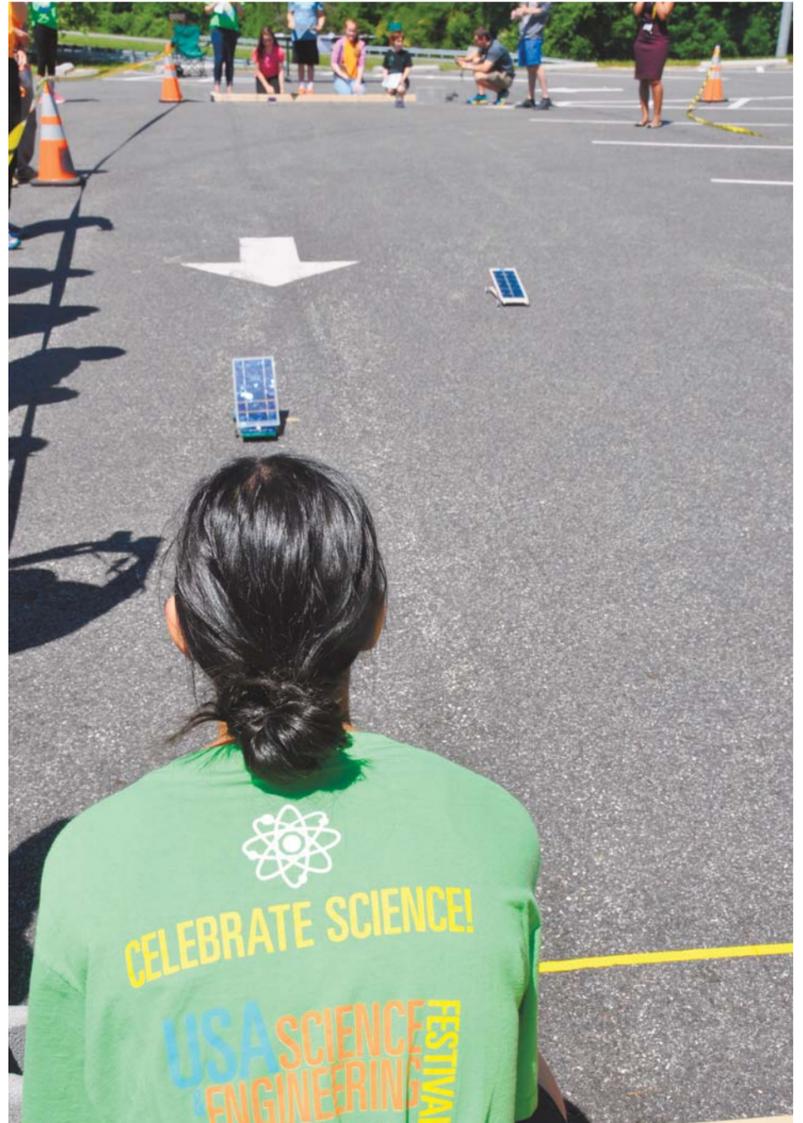
"You had to maneuver through an obstacle course and she was the only one to do it without crashing. Girls are more methodical and that shows we can all bring something to the table."

AEOP

The Army Educational Outreach Program is comprised of Army-sponsored research, education, competitions, internships and practical experiences designed to engage and guide students as well as teachers in science, technology, engineering and mathematics (STEM). To learn more, visit the AEOP website at www.usaeop.com.

A competitor watches two solar-powered cars race for the finish line during the Inaugural Junior Solar Sprint competition at the STEM Education & Outreach Center June 7.

Photo by Yvonne Johnson



TSP retirement planning strategies explained

Continued from Page 1

can choose any percentage of your basic pay to make traditional contributions.

When you make Roth contributions, you pay taxes on your contributions as you make them. You can choose any dollar amount from your basic pay to make Roth contributions.

How do I access my TSP account after I sign up?

After you sign up for your TSP account with ABC, the TSP will mail a Web password to the address the TSP has on file. Use this password with your TSP account number when you log into the My Account section of www.tsp.gov.

You'll also receive a ThriftLine Personal Identification Number (PIN) in the mail shortly after you sign up for the TSP. You'll need this PIN to access your account information and perform certain transactions on the ThriftLine,

the TSP's automated telephone service.

Where do I find more information about investing my TSP contributions?

Try starting in the Planning & Tools section of www.tsp.gov. There you'll find information about investment strategy as well as questions to ask yourself before you make your decision. Then visit Investment

Investment Funds, where you'll find an overview of all of the TSP Funds, including our Lifecycle (L) Funds, which take away a lot of the investment guesswork. To invest in the L Fund that's right for you, or choose your own investment mix of the TSP's five individual funds, log into My Account.

I've heard a lot about Roth IRAs. Are Roth TSP and Roth IRA contributions the same thing?

Short answer? No. There are some important differences between Roth TSP and Roth IRA contributions:

- Roth TSP contributions are available to all participants regardless of income; however, Roth IRAs aren't available to taxpayers with income above certain IRS limits.

- Your contribution limit for the TSP is \$17,500 in 2014 (\$23,500 if you're age 50 or over); your contribution limit for a Roth IRA is \$5,500 for 2014 (\$6,500 if you're age 50 or over).

- Your Roth TSP contributions can be rolled into another eligible Roth employer plan OR Roth IRA; Roth IRAs can only be rolled into another Roth IRA. Be aware that Roth IRAs cannot be rolled into your Roth TSP account.

- Roth TSP contributions are subject to Required Minimum Distributions. IRAs aren't subject to RMDs until the account owner dies.

If you are covered by the Federal Employees' Retirement System (FERS), the TSP is one part of a three-part retirement package that also includes your FERS basic annuity and Social Security. TSP will play an important part in your retirement income.

You may contact ABC at 877-276-9287 or ABC Helpdesk at 785-239-2000. You may also want to visit the TSP website at www.tsp.gov for more information.

The TSP website has important information on plan participation, investment funds, planning and tools and life events that you may want to consider when changing your TSP.

Retirement planning isn't easy, but the TSP's strength is its simplicity. If you haven't yet, sign up and start saving today. (Editor's Note) Teri Wright, from the Civilian Human Resources Agency Northeast Region contributed to this article.

DID YOU KNOW?

Public Law 94-344, known as the Federal Flag Code, contains rules for handling and displaying the U.S. flag?



While the federal code contains no penalties for misusing the flag, states have their own flag codes and may impose penalties. The language of the federal code makes clear that the flag is a living symbol.

Proper display of the U.S. Flag

Traditional guidelines call for displaying the flag in public only from sunrise to sunset. However, the flag may be displayed at all times if it's illuminated during darkness.

The flag should be displayed on or near the main building of public institutions, schools during school days, and polling places on election days. It should be hoisted briskly and lowered ceremoniously.

When flags of states, cities or organizations are flown on the same staff, the U.S. flag must be at the top (except during church services conducted at sea by Navy chaplains).

When displayed flat against the wall on a speaker's platform, the flag should be above and behind the speaker with the union (blue field) on the left side as the audience looks at it (the flag's right).

On a casket, the union should be at the deceased person's head and heart, over the left shoulder. But the flag should be removed before the casket is lowered into the grave and should never touch the ground.

Whenever the flag is displayed at half-staff, it should be first raised to the top. Lowering from half-staff is preceded by first raising it momentarily to the top.

Learn more about the dos and don'ts of displaying the U.S. flag at <http://www.va.gov/opa/publications/celebrate/flagdisplay.pdf>.

Yvonne Johnson, APG News

FEW scholarships based on merit, need

Continued from Page 1

scholarship in August, during the annual APG Women's Equality Day Celebration Awards Program at the Ball Conference Center, on a date to be determined.

Submit applications to: Maryland Tri-County Chapter of FEW, P.O. Box 1613, Bel Air, Md. 21014. For more information contact Karen Jobs at 410-436-4429 or e-mail karen.w.jobs.civ@mail.mil.

FEW facts

FEW is a private membership organization working as an advocacy group to improve the status of women employed by the federal government. FEW membership is open to all federal government and civilian employees who support



FEW's mission. Men are welcome to join.

The Dottie Dorman Working Women's Scholarship was established more than 15 years ago in honor of Dottie Dorman, a federal employee and long time member of FEW, who promoted education and training as a means for career advancement.

The Maryland Tri-County Chapter meets 5:30 p.m. on the third Wednesday of each month. Meeting locations rotate between facilities in Harford and Cecil county. For more information about FEW, visit www.few.org.

The scholarship recipient is chosen based on merit and financial need

Karen Jobs
FEW Scholarship Chairperson



Like us on Facebook

www.facebook.com/APGMd



APG SNAPSHOT

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



Courtesy photo

SOLDIER SHOW NAILS IT WITH STAR-SPANGLED FINALE

Staff Sgt. Lynette Collier, a human resources specialist from Fort Bragg, N.C., leads the "Star Spangled Banner" during the finale of the 2014 U.S. Army Soldier Show at the APG post theater June 5. The show drew a capacity crowd and included a tribute to the 200th anniversary of "The Star-Spangled Banner." Guests included APG Senior Commander Brig. Gen. Bruce T. Crawford; APG Garrison Commander Col. Gregory McClinton; CECOM Command Sgt. Maj. Kennis Dent; and Garrison Command Sgt. Maj. James Ervin.



MORE THAN JUST A STORY

More than 30 children and toddlers ages 1 to 5, and their parents or care providers attended Story Time at the new Bayside Community Center June 6.

Clockwise from top right:

Alberto Barnes, also known as Ms. Cookie, a recreation assistant with Morale, Welfare and Recreation, leads stretching exercises after reading stories to children during the Story Time event at the new Bayside Community Center June 6; Civilian spouse Robert Johnson, smiles at his 13-months-old, daughter Landyn's laughter while his other daughter Londyn, 4, enjoys a snack; Aareona Rivers, 3, carefully fills in a star with the crayons provided for the event.

For more information about Story Time or similar events call the APG Library at 410-278-3417.

Photos by Molly Blossie



GRADUATING WITH STRONG BEGINNINGS

(From left) Strong Beginnings Pre-Kindergarten graduate Jayden Goffigan is all smiles as he proudly displays a cupcake topped with his photo. All 29 graduates of the APG North (Aberdeen) Child Development Center's Strong Beginnings program received a personalized photo cupcake after the graduation ceremony at the APG North (Aberdeen) chapel June 6.

Strong Beginnings Pre-Kindergarten graduate Tyler Tran gets a congratulatory hug from his father Dave Tran. Tyler is the son of Felicia Chan, a civilian with the U.S. Army Communications-Electronics Command.

Photos by Rachel Ponder

