



APG NEWS

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

www.TeamAPG.com

THURSDAY, JUNE 30, 2016

Vol. 60, No. 26

inside

EMPLOYMENT

Army Community Service helps military spouse new to APG find employment.

ACS | A3

SERVICE

An Air Force veteran and Army civilian explains why he continues to serve.

Why We Serve | A4

SAFETY

FEMA urges early preparation for flooding before storm waters surge.

Preparation | A6

newsbrief

IRP

HIGHLIGHTS ON-POST JOB OPPORTUNITIES

Garrison Directorate of Human Resources

An important venue for civilian career opportunities is the APG Installation Reassignment Program, or IRP. The IRP is a non-competitive program established to assist Department of Army employees with job opportunities at APG, across commands.

APG-IRP is open to current, permanent, Department of the Army employees with a duty station of APG North (Aberdeen) or APG South (Edgewood) only. It allows for non-competitive movement only, such as reassignments or voluntary changes to a lower grade.

Current openings can be viewed at the APG-IRP Installation Reassignment Program milBook site (CAC-required): <https://www.milsuite.mil/book/groups/aberdeen-proving-ground-employment-opportunities/overview>.

Details on how to apply can be found within the site's FAQ section (CAC required): https://www.milsuite.mil/book/servlet/JiveServlet/download/35166-4-174517/APG_IRP_FAQs.pdf

For more information about the APG-IRP, contact your unit or command's human resources office or the APG CPAC.

online

www.TeamAPG.com/APGNews

facebook.com/APGMd

twitter.com/USAGAPG

flickr.com/photos/usagapg/

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

index



Photos by Molly Blossie, APG News

(Clockwise from left) Maj. Gen. Kirk Vollmecke, program executive officer, Information, Electronics, Warfare and Sensors, or PEO IEW&S, winds up for the first pitch from the mound at Ripken Stadium during the Aberdeen IronBird's Military Appreciation Night June 23; Aberdeen IronBirds Manager Luis Pujols, #55, and game umpires greet Hometown Hero Navy Petty Officer 2 Heather Gavis, a city of Aberdeen native who recently returned from a one-year deployment to South Africa; During a pre-game ceremony, 1st Lt. Laura Ruiz of A Battery 3rd Air Defense Artillery (JLENS), left, administers the Oath of Enlistment to Spc. Dominic Lopez as fellow Soldiers hold the colors aloft near home plate.

Military Appreciation Night

IronBirds host annual tribute to service members, veterans

By **YVONNE JOHNSON**

APG News

Aberdeen Proving Ground and the Aberdeen IronBirds paid tribute to current service members and local veterans during Military Appreciation Night festivities at Ripken Stadium June 23.

Pre-game activities and observances centered on APG Soldiers. Maj. Gen. Kirk Vollmecke, program executive officer, Information, Electronics, Warfare and Sensors, or PEO IEW&S, threw out the first pitch; Michelle Goddard, a mechanical engineer and associate director of the Edgewood

Chemical Biological Center sang the national anthem; and members of the APG Chapter of the Sergeant Audie Murphy Club posted the colors in center field. A group of APG Soldiers led by Staff Sgt. Brandon Matheu,

See **MILITARY**, page A7

Contracting teams inactivate



Story and photos by **BETSY KOZAK-HOWARD**
ACC-APG

Members of the Army Contracting Command – Aberdeen Proving Ground recently gathered to witness the inactivation of three contracting teams assigned to the 926th Contracting Battalion, as military contracting teams are realigned across the force.

ACC-APG Executive Director Bryon J. Young officiated the ceremony to inactivate the 712th, 722nd and 725th contracting

See **CONTRACTING**, page A7

Lt. Col. Andrew Carter, commander of the 926th Contracting Battalion, provides remarks during the inactivation ceremony for the 712th, 722nd and 725th Contracting Teams recently held at APG.

ATEC gains new spiritual leadership

By **SANDY GIBSON**

ATEC

The U.S. Army Test and Evaluation Command, or ATEC, welcomed a new command chaplain during a Change of Stole Ceremony, June 2, at ATEC headquarters on APG North (Aberdeen).

Outgoing Chaplain Lt. Col. Rajmund "Ray" Kopec relinquished his stole and the responsibility for spiritual and pastoral leadership of ATEC, as well as his duties as the APG Catholic priest, to incoming ATEC Command Chaplain Lt. Col. Krzysztof "Kris" Kopec.

In addition to being chaplains and sharing the same last name, Ray Kopec and Kris Kopec have many other things in common. Both are Roman Catholic priests who were born in 1965 and raised in the same small town of Nisko, Poland. Both immigrated to the United States in 1988 and are graduates of the same Catholic Seminary School, Seton

See **ATEC**, page A7

Photo by Courtney Gilbert-White, ATEC
The U.S. Army Test and Evaluation Command Commanding General Maj. Gen. Daniel L. Karbler places the stole on incoming Command Chaplain Lt. Col. Krzysztof "Kris" Kopec during a change of stole ceremony at ATEC Headquarters on APG North (Aberdeen), June 2. Outgoing Command Chaplain Lt. Col. Rajmund "Ray" Kopec, right, relinquished his stole and the responsibility for spiritual and pastoral leadership of ATEC, as well as his duties as the APG Catholic priest to the incoming Chaplain Lt. Col. "Kris" Kopec.



STREET TALK

What is your favorite summer treat?

Barbecue or anything that can be cooked on the grill.



Larry Tyson
APG Garrison

Strawberry ice cream. I like it because it's really, really sweet.



Michael Benise
Subway

Watermelon. I always have it in the house. I like the coolness and it's low on calories.



Laang Kinslow
Express

Vanilla ice cream. It just cools me off.



Philip Angel
Retiree

Cookies and cream ice cream because I like Oreos.



Whitney Hynson
CYSS

See Something

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

Provided by the INTEL DIV/DPTMS

Say Something

Commander's Corner

Celebrating 240 years of service and sacrifice

Our Founding Fathers came together 240 years ago to proclaim a common ideal: that all Americans are created equal and they have the right to life, liberty, and the pursuit of happiness. These first citizens risked treason and death to gain the freedom we enjoy today. Since then, our Nation has continually called on its citizens to uphold the legacy of service and sacrifice, and our Soldiers, civilians and families answer that call today.

As we observe our Nation's 240th birthday, we ask that you remember the service and sacrifice that previous generations gave to safeguard this Nation. Their extraordinary courage and commitment for the cause of freedom is a debt we repay through our service today.

On behalf of a grateful Nation, we thank each one of you – the Soldiers, civilians and families of our Total Army team – for your bravery and patriotism defending this great Nation and the ideals, traditions, and liberties that we all enjoy.

Army Strong!
Signed,
SGT. MAJ. DANIEL A. DAILEY, *Sergeant Major of the Army*
GEN. MARK A. MILLEY, *U.S. Army Chief of Staff*
ERIC K. FANNING, *Secretary of the Army*

“Citizens by birth or choice of a common country, that country has a right to concentrate your affections. The name of American, which belongs to you, in your national capacity, must always exalt the just pride of Patriotism.”

George Washington

Happy 4th of July

Local communities celebrate Independence Day

Staff report

The communities surrounding APG have Independence Day activities scheduled for the entire weekend. Celebrate the nation's 240th birthday and show off your patriotism at one of these local events.

Havre de Grace
Independence Day Celebration

- ★ Carnival – June 29 – July 3
- ★ Parade – July 3 at 2 p.m.
- ★ Fireworks – July 3 at approx. 9:30 p.m.
- ★ Scheduled appearance by ATEC

For more information, visit www.havredegrace-july4.org.

Bel Air
Independence Day Celebration July 4

- ★ Parade – 6 p.m.
- ★ Fireworks – approx. 9:30 p.m.
- ★ Scheduled appearance by 20th CBRNE Command

For more information, visit www.belairjuly4.org.

Edgewood/Joppatowne

- ★ Parade – July 3 at 6 p.m.

★ Scheduled appearance by Public Health Center/Kirk U.S. Army Health Clinic

For more information, visit www.edgewoodjoppatowneparade.org.

North East

- ★ Parade – July 4
- ★ Fireworks – July 4

For more information, visit <http://northeast-chamber.org#sthash.zgzMCA9.dpuf>

Kingsville

- ★ Parade – July 4 at 10 a.m.
- ★ Scheduled appearance by the Maryland National Guard

For more information, visit www.kingsvilleparade.org.

Middle River

- ★ Fireworks – July 2 at approx. 9:30 p.m.

For more information, visit middlesriverfireworks.com.

To discover other area Independence Day celebrations, visit www.visitmaryland.org/article/4th-of-july-celebrations.

Workers Compensation Fact Check

Federal Workers Compensation Office

Employees should know the following information if they experience an injury or illness they believe to be caused while in the course of duty.

- Employees have the right to, and should obtain medical treatment and file a claim as soon as the injury occurs. It is recommended to get an evaluation by the clinic or an outside medical facility at least one time if a claim is going to be filed for compensation benefits. Delay of medical treatment can mean a worsening of condition, longer recovery and possible permanent physical damage.
- Legally, the agency cannot force an employee to seek medical attention or file a FECA claim but it is wise to see a doctor or visit the clinic at least once to rule out any serious health issues. The agency should always document every incident and actions taken to correct the exposure.
- Supervisors, employee and anyone working at APG should NEVER transport or allow a co-worker to transport an employee to any medical facility. Call 911 to help the employee. If the employee refuses to go to the medical facility, they will be required to sign a release for the EMT and then they can either drive themselves or call a family member to transport them to wherever they choose for treatment.
- There is a 3 year statute of limitations to file a traumatic claim.
- OWCP requires proof of "on-duty" status when injury or illness occurred. The employee holds 100 percent of the burden of proof when filing a claim. For the claim to be accepted, the incident must have occurred during duty hours or caused by the government agency or the property of agency.
- Medical opinion stating the diagnosed condition and verifying the relationship between the injury and the duty of the employee is essential for obtaining an acceptance from OWCP.

For more information about the worker's compensation program, contact the CPAC at 410-306-1091.

INSTALLATION WATCH CARD

DO OBSERVE & REPORT

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



INSTALLATION WATCH CARD

DON'T

- Discuss any aspect of military operations or planning.
- Discuss military capabilities or limitations.
- Discuss FP measures, capabilities, or posture.
- Disclose information about R&D and testing.

Report suspicious activity immediately to APG Police!



APG (North & South):
410.306.2222
Off Post in Maryland call
1-800-492-TIPS or 911

Card created by APG Intel



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. 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; contact the Editor Amanda Rominiacki at amanda.r.rominiacki.civ@mail.mil, contact Assistant Editor Yvonne Johnson, 410-278-1148 or email yvonne.johnson5.ctr@mail.mil.

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

Staff

APG Senior Commander ...Maj. Gen. Bruce T. Crawford
APG Garrison Commander Col. James E. Davis
Public Affairs Officer Kelly Luster
Editor Amanda Rominiacki
Assistant Editor..... Yvonne Johnson
Staff writers.....Rachel Ponder
Graphic Designer/Photographer Molly Blossie
Website www.TeamAPG.com/APGNews

ACS assists spouse with finding employment

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

A military spouse who volunteered with Army Community Service, known as ACS, and sought the organization's help while job hunting recently acquired a job through the Employment Readiness Program, or ERP.

Newlywed Brittany Sutton, who in February married her spouse, Spc. John Sutton Jr., of the 20th CBRNE Command, said she was eager to find a new job when they moved to APG in May.

She discussed her education, career goals and interests with ERP Manager Marilyn Howard, who suggested several websites and employment opportunities in the area.

Sutton said telling others about her goals helped her stay on track and made her feel more accountable. To learn about the community, she volunteered at ACS where several people offered to "keep their eye out" about job opportunities in the area.

Though her past experience was in education, Sutton said she was open to entering a different field. Eventually, she was offered a position as an operations specialist with the Blue Canopy Group, a consulting and information technology firm.

"With everything changing, what better time to reinvent myself than now," she said. "It is an opportunity to learn something new."

She added that she "can't wait" to start her new job.

"With [my husband] taking his job so seriously, that really encourages me," she said. "We can both be doing great things together."

Spc. John Sutton Jr. said he was grateful for the assistance to his family during this transition to his first duty station.

"ACS was a great starting point," he said. "They help whether it's free computer access or [borrowing] pots, pans and dishes [from the ACS Lending Closet] ... they definitely go above and beyond to help you transition from wherever you come from."

About the Employment Readiness Program

Howard said she is available to help clients by appointment, and walk-ins are also welcome.

She reviews resumes and can help cli-



Army Community Service Employment Readiness Program Manager Marilyn Howard, right, shows military spouse Brittany Sutton a Priority Placement Program brochure for military spouses.

ents tailor them to specific job; she can refer them to on-and off-post resources and direct them to useful employment related websites.

"What I do is let them know that I don't find them jobs, but I give them the information so that they can go forth and conquer," she said. "If they are new to the area they need to know where the resources are."

Howard added that part of her job is networking within the community so that she is aware of local employment opportunities. She assists clients from various backgrounds including Soldiers, retirees, civilians and wounded warriors.

"I don't turn anyone away who is seeking help," she said.

According to Howard, another useful tool for military spouses is the Military Spouse Employment Partnership, or MSEP, website, which provides companies direct access to military spouses

seeking jobs and connects spouses to employers who are actively recruiting. MSEP currently has more than 300 partners who have hired more than 90,000 military spouses. For more information visit <https://msejobs.militaryonesource.mil/msep/>.

Howard also refers spouses to the APG Civilian Personnel Advisory Center, which can assist them with the Priority Placement Program for military spouses.

Howard has nearly 30 years of experience with ACS. She said she is inspired by the military community.

"Our family members are quite resilient; given the right tools there's no task they can't conquer," she said.

Throughout the year the ERP offers several free workshops and information sessions on a variety of topics including career advice, how to start a small business, resume and interview

tips, personal finance, and applying for federal employment. Information for all upcoming ACS events are listed on the APG Family and Morale, Welfare and Recreation website, under the tab "upcoming events."

Job Fair

On Aug. 3, ACS will host a job fair and employment resource expo in the APG North (Aberdeen) recreation center, from 11 a.m. to 2 p.m. This event is open to all job seekers. More than 60 vendors from local, state and federal government agencies and private sector employers will be available. For more information, visit www.apgmwr.com/upcoming-events.

APG ACS is located in Bldg. 2503. Hours are 8 a.m. to 4:30 p.m. Monday- Friday; 8 a.m. to 5:30 p.m. For more information about ERP or the job fair contact Howard at 410-278-9669 or marilyn.e.howard.civ@mail.mil.

BY THE NUMB#RS

Fireworks

Following the signing of the Declaration of Independence in 1776, John Adams wrote to his wife, "I am apt to believe that it [the U.S. independence] will be celebrated by succeeding generations as the great anniversary festival. It ought to be solemnized with pomp and parade...bonfires and illuminations...from one end of this continent to the other, from this time forward forevermore."

285.3 million

Pounds of fireworks used in the United States in 2015. More than \$340 million was spent on display fireworks shows last year.

2,000

Degrees in Fahrenheit at which sparklers burn. Adults should always supervise children using sparklers, as they can cause severe burns.

1777

Year that fireworks were first used to celebrate America's independence, on the fledgling nation's first anniversary. They have been used every year since.

600-900 B.C.

Time period during which historians believe Chinese alchemists mixed together the first fireworks. The volatile substances were stuffed into bamboo shoots and thrown into the fire to ward off evil spirits. The alchemists were reportedly seeking an elixir for immortality.

230

People, on average, who visit the emergency room each day with fireworks-related injuries during the month surrounding the 4th of July holiday. 50 percent of those injuries are burns.

By **AMANDA ROMINIECKI**, APG News

Source(s): www.history.com; www.cspc.gov; www.americanpyro.com;

4244053-1

AEGIS / MARKETING DEPT.

Aegis/APG News - Rip

2 x 10.14

Full Color

Air Force veteran serves as Army civilian

By **MARY B. GRIMES**
CECOM

Whether it's "Old Glory," "Stars and Stripes," the "Star Spangled Banner," or "The Red, White, and Blue," America's national flag is a proud symbol of citizens united in duty, commitment and service to country.

This level of duty is evident at the U.S. Army Communications-Electronics Command, known as CECOM, where employees from all walks of life have dedicated years of selfless service in support of DOD goals and the nation's interests.

The CECOM G3 OCONUS Unit Integration Team, or UIT, Lead William J. Soto is one such employee. Although now a Department of the Army civilian, Soto is also a 24-year veteran of the U.S. Air Force. During his years in uniform, he served as a Teletype-Crypto Maintenance Specialist, and as a Professional Military Education (PME) Instructor for the Airmen Leadership School. He served at Thule Air Base Greenland; the Defense Mapping Agency in St. Louis, Missouri; Kelly Air Force Base, Texas; Spangdahlem, Air Base, Germany; and Griffis Air Force Base in Rome, New York.

He said those tours were career stepping stones to greater growth and development. Now a logistics management specialist, Soto ties his military background, training and experiences to his current work ethic and program demands.

"Based on my previous military experience my current career program just seemed like a perfect fit," he said. "The opportunity became available and I immediately accepted."

Asked what influenced his decision to serve in government, Soto responded, "For me, it was a natural progression. It was never going to be enough to just earn a paycheck. I wanted to be involved in something I believed in. Even though I was not in uniform any longer, I still wanted to serve."

With years of honorable service to his

credit, Soto said he continues to strive toward greater achievement and service.

Motivated to go above and beyond what he may be tasked to do, the Air Force veteran shows no sign of letting up on his commitment to make a difference.

"If I were to sum it up, then I would quote President John F. Kennedy when he said, 'Ask not what your country can do for you; ask what you can do for your country.' I like to think that I make a difference every day. When you stop caring, you stop trying. That's when you no longer

make a difference." Much like the selfless service rendered while in military uniform, Soto views his current role in civil service as an opportunity to give the Army his all. Indeed, it is a measure of responsibility that he does not take lightly. Toward that end he said, "Giving back is an important part of service. It's very

important because we all stand to benefit when it comes to national defense."

Articulating his love of country on the one hand, while expressing his commitment to job performance excellence on the other, Soto had a stirring message for those who are willing to roll up their sleeves and get on with the business of serving—minus the ethical shortcuts.

"Professional ethics has always been a part of the code of conduct in the workplace."

The UIT team lead then added, "I'd like to take a few words from those of a great speaker and lecturer, Michael Josephson who once said, 'Compliance is about what we must do; ethics is about what we should do. Ethical people often do more than the law requires and less than it allows. The area of discretion between the legal must and the moral should tests our character. Noble talk and framed ethics statements are no substitute for principled conduct. The test is doing the right thing.'"

Summing up how he views his character, and his desire to continue to serve with pride and distinction, Soto added, "I just want to contribute as much as I can, for as long as I can."

I just want to contribute as much as I can, for as long as I can.

William J. Soto
CECOM OCONUS Unit Integration Team Lead

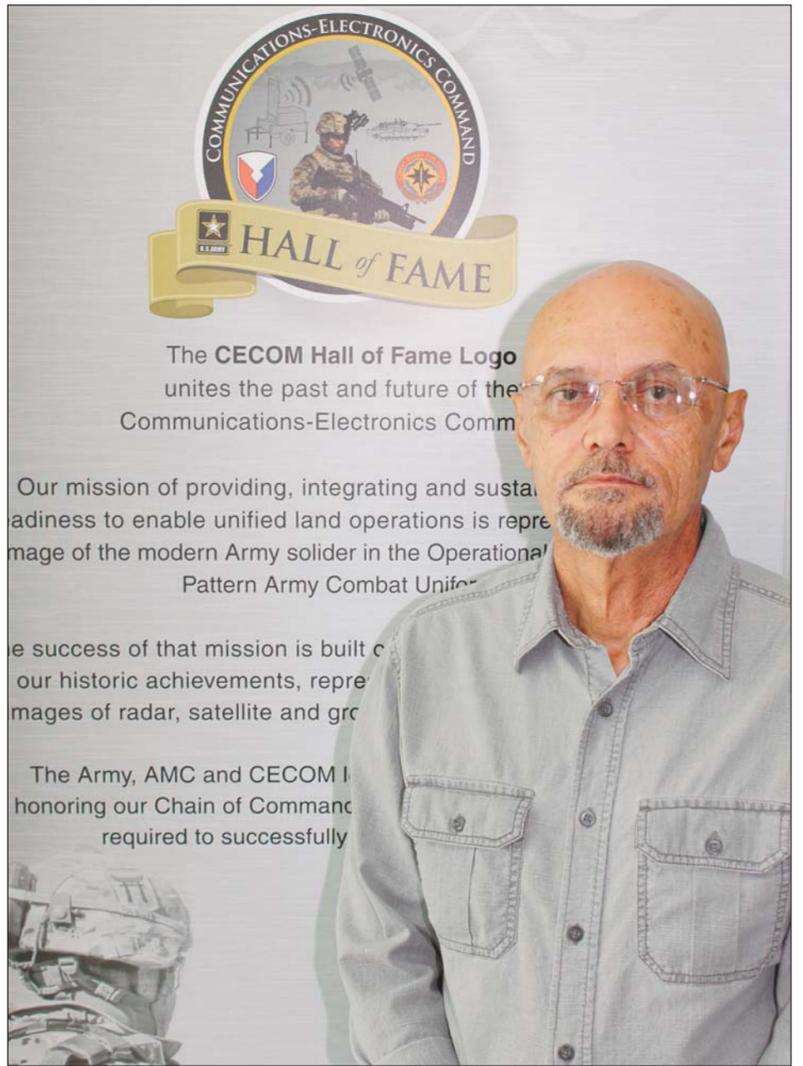


Photo by Greg Mahall, CECOM
William J. Soto, a logistics management specialist, is the G3 OCONUS Unit Integration Team Lead, with the U.S. Army Communications-Electronics Command at APG.

4253698-1

ARMED FORCES COMM INC

NFCU

4 x 10.14

Full Color



ALL THINGS MARYLAND

Authors, settings and plotlines

Pick up a beach read tied to the Old Line State

By **AMANDA ROMINIECKI**
APG News

As Marylanders head “down’y ocean” this summer, many will bring with them a beach read. Did you know many popular authors and novels trace their roots back to the Old Line State?

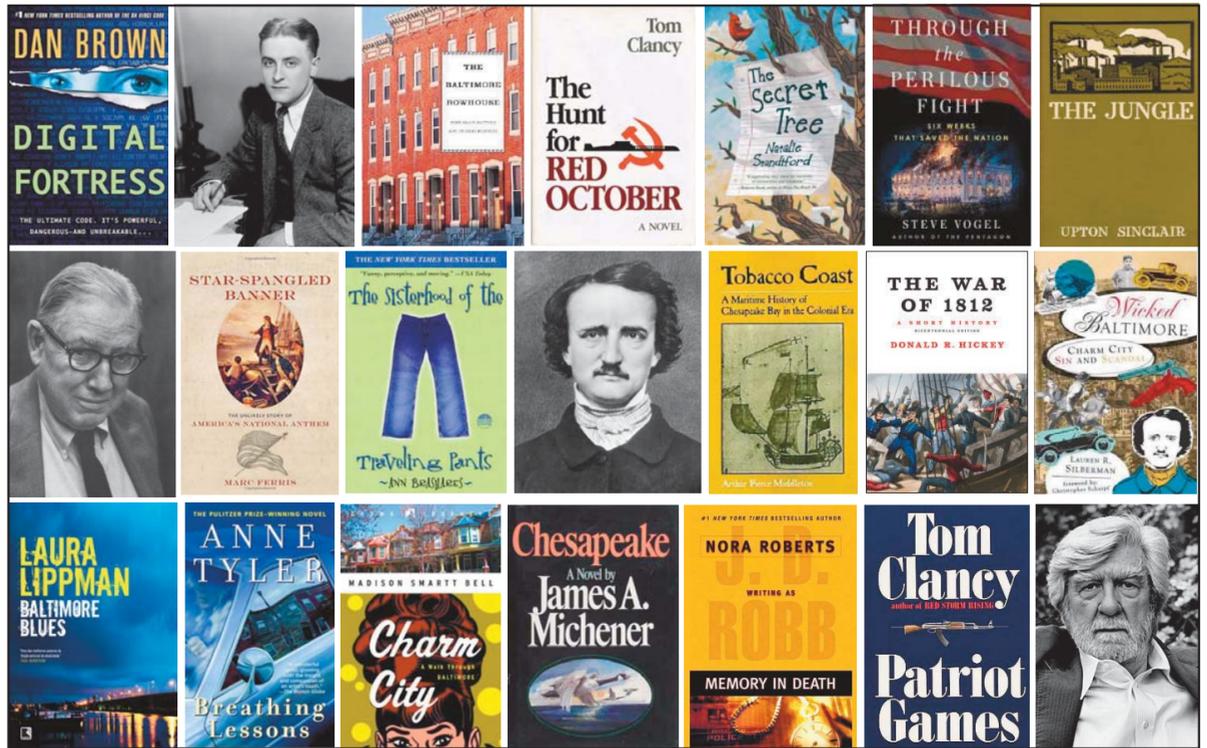
Fiction

The renowned espionage and military writer Tom Clancy was born in Baltimore and spent much of his life in Maryland. While working for an insurance company in Owings, on Maryland’s Eastern Shore, he wrote his debut novel “The Hunt for Red October.” The novel takes readers on an adventure with CIA analyst Jack Ryan (a fictional Baltimore native) after the crew of a stealth Soviet submarine decides to defect to the United States. Clancy’s later novels “Patriot Games,” “Clear and Present Danger,” the “Sum of All Fears,” and others follow Ryan’s other adventures.

Baltimore native Upton Sinclair wrote more than 90 novels, plays and essays, but he is best known for “The Jungle,” which exposed the dire health conditions of the meat-packing industry in the early 20th century. The muckraking novel created such public outcry that shortly after its release, the Pure Food and Drug and Meat Inspection acts of 1906 were passed by Congress. Sinclair is also known for his work focusing on “yellow journalism” in the United States and the limitations of free press called “The Brass Check.”

While not a Maryland native, “The Great Gatsby” writer F. Scott Fitzgerald is named after his famous Marylander cousin and Star Spangled Banner author, Francis Scott Key. In a complicated series of events following Fitzgerald’s death in 1944, he would eventually be laid to rest in a cemetery in Rockville. A common reading assignment in school, readers can revisit “Gatsby” as an adult, or check out Fitzgerald’s lesser known “Tender is the Night,” which he considered to be his masterwork.

Former Baltimore Sun reporter Laura Lippman is now a best-selling author, most known for a series set in Baltimore following reporter-turned-private-investigator Tess Monaghan. Lippman lives in Federal Hill and serves as professor at Goucher College, in Towson. First-time Lippman readers should pick up “Baltimore Blues,” the first in the Tess Monaghan series.



Better known for the runaway best-seller “The Da Vinci Code,” American author Dan Brown penned “Digital Fortress.” The techno-thriller is centered on characters from the Fort Meade-based National Security Agency after its code-breaking super computer encounters a code it cannot break.

Pulitzer Prize winner Anne Taylor has set most of her novels in the neighborhood in which she now lives, Roland Park in northern Baltimore. Her 1988 book “Breathing Lessons” earned her the Pulitzer, and her other notable works include “Dinner and the Homesick Restaurant” and “The Accidental Tourist.”

Best-selling romance novelist Nora Roberts was born in Silver Spring. She has written more than 200 books, many under the pseudonyms J.D. Robb, Jill March and Sarah Hardesty. In addition to romance novels, she also penned the suspense series “In Death.” When not writing, she and her husband operate a bed and breakfast in Boonsboro.

Readers looking for a historical fiction page-turner should pick up the hefty “Chesapeake” by James A. Michener, which explores the 400-year history of the Chesapeake region through the stories of the fictional

Edmund Steed and his family.

Non-fiction

For those more interested in non-fiction, consider picking up a book that explores the history and eccentricities of Baltimore City, including: “Charm City: A Walk Through Baltimore,” by Madison Smartt Bell; “Wicked Baltimore: Charm City Sin and Scandal,” by Lauren R. Silberman; or “The Baltimore Rowhouse,” by Charles Belfoure and Mary Ellen Hayward.

Maryland is rich with history dating back to the America’s founding. Check out these books exploring the history of the region: “Star-Spangled Banner: The Unlikely Story of America’s National Anthem,” by Marc Ferris; “Through the Perilous Fight” by Steve Vogel; “Tobacco Coast: A Maritime History of the Chesapeake Bay in the Colonial Era” by Arthur Pierce Middleton; or “The War of 1812: a Forgotten Conflict,” by Donald R. Hickey.

Juvenile, Young Adult reading

Young adults may enjoy the “Sisterhood of the Traveling Pants,” series, written by Chevy Chase-native Ann Brashers, which follows a group of young women from Bethesda.

Natalie Standiford, who was born in Baltimore, writes fiction for beginning, middle school and young adult readers. She has penned works including “The Secret Tree,” “How to Say Goodbye in Robot,” and the Step into Reading book “The Bravest Dog Ever: The True Story of Balto.”

Poetry & Short Stories

Those looking for poetry or short stories may be quick to pick up famed on-again, off-again Baltimorean Edgar Allan Poe, who is buried in Westminster Hall in Baltimore. Other poets with Maryland ties include Ogden Nash, known for light verse and pun-like rhymes, and Stanley Plumly, a professor at the University of Maryland and director of the university’s creative writing program who serves as the state’s current poet laureate.

For a complete list of Maryland authors, visit msa.maryland.gov/msa/mdmanual/01glance/html/lit.html. Many of the above books are available in digital form from the post library. Visit www.apgmwr.com for more information. Harford County Public Library cards are free for all Maryland residents. Visit hcplonline.org for more information.

Security clearance investigations to include social media activity

By **PAUL STEVENSON**
IMCOM

People who use social media are constantly reminded to be careful when posting and sharing information because it’s almost impossible to know who might be monitoring their activity.

For people who want to get or maintain a security clearance, there is now one more reason to exercise online discipline. The Office of the Director of National Intelligence, or ODNI, recently enacted a new policy under which federal agencies may consider publicly available social media information in connection with an application for a security clearance. Security Executive Agent Directive Five was signed May 12, codifying federal background investigative authority to incorporate publicly available social media information in the security clearance process.

According to ODNI, the new policy allows investigators to scan an applicant’s history on Twitter, Facebook, Instagram and other similar sites.

The guidelines make clear that agencies can target publicly available social media posts, if they deem it necessary, but cannot force individuals to hand over their passwords for private accounts, or provide pseudonyms for any profiles.

“Social media has become an integral – and very public – part of the fabric of most American’s daily lives,” said Bill Evanina, Director of ODNI’s National Counterintelligence and Security Center. “We cannot afford to ignore this important open source in our effort to safeguard our secrets – and our nation’s security.”

Additionally, the policy states that

social media information gathered as part of a background check will not be retained unless it is considered “relevant” to the security status of the person in question.

The policy does not require security investigations consider social media information. Instead, it permits the collection of publicly available social media information if an agency head determines it is an appropriate investigative tool.

Social media can be a place where people show their true character, says U.S. Army Garrison Italy Command Security Officer Alfred Bullard. Now, those who need to have a background check give investigators the green light to check into their online activity.

“All personnel who have a security clearance or complete a Personnel Security Background Investigation for a security clearance are giving authorization to be subject to scrutiny of their social media to look for character, trustworthiness, reliability issues and foreign contacts,” said Bullard.

While the policy does focus on looking at online activity, it places important restrictions that limit the federal government’s reach into the private lives of clearance applicants and holders. Absent a national security concern, or criminal reporting requirement, information pertaining to individuals other than the individual being investigated – even information collected inadvertently – will not be pursued. In addition, investigators may not request or require individuals to provide social media passwords, log into a private account or take any action that would disclose non-pub-



Courtesy photo

People who use social media are constantly reminded to be careful when posting and sharing information. The Office of the Director of National Intelligence recently enacted a new policy under which federal agencies may consider publicly available social media information in connection with an application for a security clearance.

lily available social media information.

Security clearance holders undergo intense scrutiny before obtaining—and while maintaining – a clearance. This includes reporting interactions with foreign nationals, obtaining permission to travel abroad, and undergoing extensive background investigations and re-investigations.

This is as it should be, Evanina said. These requirements, along with considering an applicant’s public social media presence, “are a small price to pay to

protect our nation’s secrets and ensure the trust the American people have placed in us.”

Bullard said that being mindful when using social media is the best way to avoid any additional scrutiny during the investigative process.

“Disparaging pictures or comments could raise character or behavior issues,” he said. “Character or behavior issues could be a deciding factor in the suspension or revocation of a security clearance.”

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



MEMORIES OF 'NAM



'Nam pilot to receive Medal of Honor

By **ELIZABETH M. COLLINS**
Soldiers Magazine

President Barack Obama will award the Medal of Honor to a daring helicopter pilot who displayed extraordinary heroism during the Vietnam War, the White House announced June 21.

Retired Lt. Col. Charles Kettles is credited with saving some 44 lives in one day, May 15, 1967, while serving as a helicopter commander in the 176th Aviation Company, 14th Combat Aviation Battalion, Americal Division in the vicinity of Duc Pho, in Vietnam's central highlands.

Early that morning, his platoon had dropped about 80 Soldiers in a river valley, but the troops were ambushed and surrounded very quickly. Kettles and his fellow pilots made several trips back and forth, bringing reinforcements and evacuating the wounded, but by afternoon, it was clear that the situation was hopeless. Only 44 troops remained, facing what Kettles estimates was a battalion-sized force.

Although the company's helicopters were so shot up that they had to call in reinforcements from another unit for the extraction, they managed to get the Soldiers aboard and take off under heavy fire.

Then, when they were airborne, Kettles learned eight men had been left behind on the ground.

With one of the rescued Soldiers

on board in addition to his crew of four, Kettles immediately turned his unarmed Huey around and headed back to the landing zone. He had surprise on his side, but fire from the ground -- mostly small arms and mortars -- was withering and ripped the windshield apart.

The eight Soldiers dove into the helicopter, but there was another problem: it was now about three men or 600 pounds too heavy.

"I didn't know if we were going to get out of there," Kettles remembered, but I was just going to give it my best try."

After his copilot couldn't manage the takeoff, Kettles took over, repeatedly adjusting the revolutions per minute until they finally lurched back to Duc Pho.

That's the bottom line, said Kettles: those Soldiers went home to their families. Their names aren't carved in stone on a wall in D.C. No medal can compare with that.

"The rest of it is rather immaterial, frankly," he said, quick to give credit to the other 73 pilots and crew members who flew missions that day.

The Medal of Honor is an upgrade for Kettles, who will be honored in a White House ceremony scheduled for July 18. He initially received the Distinguished Service Cross, the nation's second highest award for valor, for his actions.

He also received the Distinguished



Courtesy photo

Maj. Charles Kettles stands in front of a 121st Aviation Company, UH-1H helicopter, during his second tour of duty in Vietnam in 1969. During his first tour with the 176th Aviation Company in May 1967, Kettles saved eight Soldiers who had been left behind after an initial rescue mission. He then managed to pilot the severely overloaded helicopter to safety and will be awarded the Medal of Honor during a July 18 White House ceremony.

Flying Cross for heroism the day before, May 14, 1967 and earned 27 air medals while flying more than 600 missions

during two tours in Vietnam.

Kettles currently resides in Ypsilanti, Michigan, with his wife Ann.

Preparation best defense against flooding

By **KARLA SIMON**
Army Public Health Center

Here comes the rain! Most of us only suffer from wet feet and damp clothes during rainy season. However, a torrential downpour or a slow-moving storm system can create a very dangerous situation for people in low lying areas. Heavy rain can simply overwhelm drainage systems and overflow nearby rivers, lakes and streams.

The Federal Emergency Management Agency, or FEMA, reports that in the past five years, all 50 states have experienced flooding. Floods are among the most common and costly natural disasters in the United States. Each year it causes more deaths than any other weather hazard.

Swift moving water is a powerful force and just six inches of moving water can knock you down, and two feet of moving water can sweep your vehicle away. Even sport utility vehicles and pick-ups cannot withstand its might. NEVER drive through flooded roadways and DO NOT drive around barricades. Roads can easily be washed out by moving water and you cannot determine its depth with a casual glance. If you come across fast moving water crossing a road, make the safe choice: Turn Around, Don't Drown!

Although drowning is a major hazard during flooding, catastrophic flooding can threaten life in several other ways: falling trees and power lines, electrocution, mudslides, building collapses and drinking water contamination. Being able to respond appropriately dur-



Photo by Louisiana National Guard
Members of the Louisiana National Guard's 2225th Multi-Role Bridge Company, 205th Engineer Battalion, help a man out of the bridge erection boat they used to check on residents who could not get out of their homes, in Ponchatoula, La., March 13, 2016. The current of the river, which had overcome its banks and flooded the road, was too strong for regular boat motors to battle.

ing a flood saves lives. If you are affected by a flood, here are things you can do to stay safe:

- Stay tuned to your phone alerts, TV, or radio for weather updates, emergency instructions, or evacuation orders.
- Don't walk through a flooded area. Just six inches of moving water can knock you off your feet.
- If forced to walk in flood waters, remember the ground can be slippery

and the murky water is littered with debris that has sharp edges and raw sewage.

- Don't drive through a flooded area. A car can be carried away by just two feet of water.
- If floodwaters rise around your vehicle but the water is not moving, abandon it and move to higher ground. Do not leave the vehicle and enter moving water.

- Keep away from downed power lines and electrical wires.

- Check buildings for structural damage before entering. If you suspect damage to utilities (e.g., water, gas, electric, sewer lines) contact authorities.

- When returning to your home, you can also have unwanted guests, humans and animals may seek shelter in your home.

Preparation is the best defense. Before a flood warning is in effect, make a flood emergency plan. Be aware of flood hazards no matter where you live or work. Here's what you need to do to prepare for rising water:

- Know your flood risk. To help communities understand their risk, FEMA has created flood maps.

- Consider buying flood insurance.
- Assemble or restock your emergency preparedness kit, visit www.ready.gov for a list of items for a supply kit.

- Consider trenching for exterior or interior foundation drains, slope the yard away from the house, direct water from gutter downspouts away from the foundation, install a sump pump in the basement, seal foundation cracks and basement walls with waterproofing compounds to keep out seepage.

- Familiarize yourself with the local government emergency plans. Know where to go, how to get to higher ground and official evacuation routes.

- Most importantly, make sure you receive weather related alerts, whether you're at home, in the car or outdoors.

For more information, visit www.ready.gov.



ATEC/AEC Night at Ripken Stadium

Maj. Gen. Daniel L. Karbler, command general of the U.S. Army Test and Evaluation Command, or ATEC, throws out the first pitch during the Aberdeen IronBirds baseball game, June 24, at Ripken Stadium in Aberdeen.

Karbler joined members of the ATEC and U.S. Army Evaluation Center workforce at Ripken Stadium for the annual ATEC/AEC Night with the IronBirds.

Photo by Kathleen Shilko

Military night at Ripkin honors Vietnam veterans

Continued from Page A1

of the U.S. Army Public Health Center, accompanied IronBirds players to their positions and stood with them through the national anthem.

In addition, attendees took in APG information displays from Kirk U.S. Army Health Clinic, Army Community Service and others organizations that lined the stadium's main foyer. In an aside that seemed to inspire the audience, 1st Lt. Laura Ruiz of A Battery 3rd Air Defense Artillery (JLENS) administered the Oath of Enlistment to Spc. Dominic Lopez, who reenlisted for five years, as fellow Soldiers Pfc. Justin Armstrong and Pfc. Landon Brown held the colors aloft behind them. Extended applause and cheers followed the ritual.

Vollmecke told listeners that the installation was proud to participate in the event honoring American service members. He recognized all veterans and their families in the audience who included stadium guests, Vietnam veterans who have been profiled in the APG News' "Memories of 'Nam" series and members of the Tragedy Assistance Program for Survivors, or TAPS.

Vollmecke assured the audience that the nation would remain strong as long as communities support remember the service members and veterans who sacrifice so much for freedom.

"We must never forget," he said. "Thank you for your continued support."

Visitors and guests said they enjoyed the evening.

"We wouldn't miss this," said Vietnam veteran Frederick Ryan, who stayed throughout the IronBird's loss to the Auburn Doubledays, an affiliate of the Washington Nationals, who won the game 4-0.

"The best part [about Military Appreciation Night] is being around the Soldiers," he said. "I always thank them for their service because they need to know



(Left) A delighted Fabio Rivera, 2, stands with his dad Sgt. Roberto Rivera of the 1st Area Medical Laboratory as DES fire dog Patches approaches them in a remote-controlled fire truck during the IronBirds Military Appreciation Night at Ripken Stadium, June 23.

(Below) Michelle Goddard, a mechanical engineer with the Edgewood Chemical Biological Center, sings the national anthem during Military Appreciation Night pre-game festivities at Ripken Stadium.

Photos by Molly Blossie, APG News

they have our support."

Stadium usher Angel M. "Sonny" Lozano, a Vietnam veteran, broke into tears at the sight of the Vietnam 50th Anniversary Commemoration display erected by the APG Garrison. Lozano said the display brought back strong memories, and said he was moved by the recent APG News profile of fellow veteran Robert "RT" Smith, who he had befriended years ago. When he learned Smith was in the stadium, Lozano sought him out for a "brotherly hug."

"Sometimes the memories get to you and that [display] brought it all back," he said. "Being with guys who lived it with you and understand you because they're going through it too, makes it easier."

"It just makes me proud to see APG on the field," said former APG firefighter Howie Travers, an avid IronBirds fan who retired in 2015. "This is their day."



Contracting team currently deployed to inactivate upon return

Continued from Page A1

teams, while the fourth team, 865th CT, is currently deployed supporting 'Operation Inherent Resolve' and will inactivate upon return.

"This is a bittersweet occasion," Young said. "Although we are inactivating three teams, the battalion has been granted an extension to stay with us a bit longer. We are folding the team flags to mark this event, but we are not folding the people. The Soldiers assigned are moving on with what they've learned here and will be taking a part of ACC-APG with them."

According to Young, these inactivations were part of an overall realignment of military contracting teams to support combatant divisions.

The 926th Contracting Battalion, known as 926th CBN, was activated in April 2013 with an objective to optimize contingency contracting and to enhance the training opportunities for Soldiers within the contracting career field. During its short tenure, the battalion made its mark on history, performing with distinction in support of forward-deployed troops, as evidenced by the comments of Lt. Col. Andrew Carter, 926th CBN commander.

"In 2014, the battalion participated in several exercises before deploying to

Kuwait to assume the new contingency contract administration services mission, which transitioned from the Defense Contract Management Agency," Carter explained. "During this nine-month mission, the battalion administered 122 contracts valued at over \$5.5 billion supporting 24,000 military and contractor personnel – a performance that earned the 926th the 'Battalion of the Year' through the Army Acquisition Executive's Excellence in Leadership Awards.

"The battalion returned to APG last summer but then the 725th CT deployed to Iraq and upon their return, the 865th replaced them. In total, 25 members of the battalion have deployed during our few short years here supporting the global force."

Carter concluded by saying that each 926th CBN member will leave ACC-APG and go to their next unit well-trained and ready, taking with them a piece of everyone who shaped and molded them.

The ceremony was followed by an award ceremony to recognize three 926th CBN Soldiers who are moving on to new assignments. Maj. Lester S. Gebiski, Maj. Ryan P. Martin and Staff Sgt. Krishna K. Menon all received the Meritorious Service Medal and were recognized for significant achievements.



The Army Contracting Command – Aberdeen Proving Ground's Executive Director, Bryon J. Young, pins a Meritorious Service Medal on Staff Sgt. Krishna K. Menon from the 926th Contracting Battalion. Two other Soldiers, Maj. Lester S. Gebiski and Maj. Ryan P. Martin, were also recognized at the recent inactivation ceremony for three contracting teams.

ATEC incoming chaplain hails from same Polish town as predecessor

Continued from Page A1

Hall University in South Orange, New Jersey. Ironically, they never met while growing up in Poland.

ATEC Commanding General Maj. Gen. Daniel L. Karbler, who presided over the ceremony, extended a warm welcome to the new command chaplain.

"It is great to have Father Kris with us at ATEC. He is a familiar face to the Karbler family, as he was our priest at Fort Sill and provided the invocation at my 1-star promotion ceremony. Evidently, his blessings then worked miracles up to now," Karbler joked.

Before coming to ATEC, Kris Kopec served as Community Chaplain at the U.S. Army Garrison in Bavaria, Germany, and provided religious support, pastoral care, and counseling to over 27,000 Soldiers, Department of the Army civilians, and their family members.

After the exchange of the stoles, Karbler thanked Ray Kopec for his unwavering commitment to the ATEC family and for working tirelessly to ensure their spiritual vitality.

"Father Ray has been an incredible presence for all of Aberdeen Proving

Ground," Karbler said. "Whether in his duties as ATEC's command chaplain, or as APG's Catholic priest, Father Ray has made innumerable contributions to our Soldiers, civilians, and families."

Ray Kopec was awarded the Meritorious Service Medal for his faithful devotion to ATEC Soldiers, civilians, and their families. Karbler praised him for the key roles he played in ATEC's Ready and Resilient Campaign which significantly improved the command's climate and enhanced the resiliency of the workforce.

Ray Kopec departed ATEC June 15 for his next assignment as Division Chaplain in Fort Hood, Texas.

Outgoing ATEC Command Chaplain Lt. Col. Rajmund "Ray" Kopec, left, and incoming Command Chaplain Lt. Col. Krzysztof "Kris" Kopec, sit next to each other during a change of stole ceremony June 2. In addition to sharing the same last name, both men grew up in the same Polish town and attended the same seminary school in the United States.

Photo by Courtney Gilbert-White, ATEC



MARK YOUR CALENDAR

EVENTS & TOWN HALLS

CHILD DEVELOPMENT CENTER JOB FAIR JULY 16

APG North (Aberdeen) youth center; 10 a.m. to 2 p.m. The Child Development Centers are now hiring child care workers for the three facilities at APG. Applicants must be at least 18-years-old and possess a minimum of a high school diploma/GED. Work Schedules include irregular shifts and may guarantee up to 20 hour irregular shifts during the hours of 5:45 a.m. to 6:30p.m. Salary range is \$12.33-\$19.63 per hour. For more information, visit www.apgmwr.com/upcoming-events.

JOB FAIR & EMPLOYMENT RESOURCE DAY AUGUST 3

APG North (Aberdeen) recreation center, Bldg. 3326, 11 a.m. to 2 p.m. Open to all Team APG and general public. Will include employers from local, state and federal government agencies and the private sector. For more information, visit www.apgmwr.com/upcoming-events.

MEETINGS & CONFERENCES

RESTORATION ADVISORY BOARD MEETING JUNE 30

Ramada Conference Center in Edgewood. 7 p.m. For more information, contact Karen Jobses at karen.w.jobses.civ@mail.mil or 410-436-4429.

FIRE MARSHALL TRAINING JULY 14

Bldg. 4403. 9 a.m. to noon. Hosted by the APG Directorate of Emergency Services Fire Protection & Prevention Division. Attendees will receive a certificate of completion at the end of the class. For more information, contact Inspector Loren Brown at 410-278-1128.

FIRE EXTINGUISHER TRAINING JULY 14

Bldg. 4403. 10 a.m. to noon and 1 to 3 p.m. Hosted by the APG Directorate of Emergency Services Fire Protection & Prevention Division. For more information, contact Ernie Little at 410-306-0583 or ernest.w.little.civ@mail.mil.

EEO HR FOR IMCOM SUPERVISORS TRAINING SEPTEMBER 22

Bldg. 3147. 8 a.m. to 4:30 p.m. Registration is required. Maximum of 50 people per class. For more information, contact Charles Gilmore at charles.l.gilmore3.civ@mail.mil or 410-278-0130.

HEALTH & RESILIENCY

KIRK US ARMY HEALTH CLINIC CLOSED JULY 1

For more information, call 410-278-5475.

KIRK US ARMY HEALTH CLINIC CLOSED JULY 6

For more information, call 410-278-5475.

EDGEWOOD DENTAL CLINIC CLOSED JULY 7

For more information, contact Sgt. Tracy Glover at tracy.s.glover4.mil@mail.mil.

APG NORTH DENTAL CLINIC CLOSED JULY 13

For more information, contact Sgt. Jerry Willis at 410-278-1794 or jerry.h.willis2.mil@mail.mil.

SUMMER PREPAREDNESS INFO SESSION JULY 14

Myer Auditorium, Bldg. 6000. 11:30 a.m. to 12:30 p.m. Hosted by C4ISR Wellness Committee, open to all. Session will cover food and sun safety for summer, as well as tips for summer exercise and avoiding heat exhaustion. For more information, contact Tiffany Grimes at 443-861-7901 or tiffany.l.grimes.civ@mail.mil.

CPR & AED TRAINING CLASSES JULY 21

Bldg. 3147, room 205. Classes at 9 a.m. and 1 p.m. Hosted by the APG Directorate of Emergency Services. Classes are open to the entire APG community. For more information, contact Mike Slayman at 410-306-0566.

CREATING A SOLID SPENDING PLAN INFO SESSION JULY 21

Bldg. 6001, 2nd floor, room 224. 11:30 a.m. to 12:30 p.m. Hosted by C4ISR Wellness Committee, open to all. Class instructor will spell out in step-by-step detail how to draw your own financial blueprint for action. Each participant will come away with a personal action plan, ideas for how to save money, and a better understanding of how to track where your money goes. NON C4ISR employees must bring their CAC CARD to gain access to the building. For more information, contact Tiffany Grimes at 443-861-7901 or tiffany.l.grimes.civ@mail.mil.

C4ISR HEALTH EXPO & FITNESS CLASSES JULY 28

Mallette Mission Training Facility, Bldg.

6008. 11 a.m. to 1 p.m. Hosted by C4ISR Wellness Committee, open to all. Event will include health screenings and info from various local health and wellness vendors. Fitness classes are: Butts & Guts, 11 to 11:30 a.m.; Cardio Kick, 11:30 a.m. to noon; Zumba, 11:45 a.m. to 12:15 p.m.; and Pilates, 12:15 to 12:45 p.m. For more information, contact Tiffany Grimes at 443-861-7901 or tiffany.l.grimes.civ@mail.mil.

EDGEWOOD DENTAL CLINIC CLOSED AUG. 11

For more information, contact Sgt. Tracy Glover at tracy.s.glover4.mil@mail.mil.

FAMILY & CHILDREN

APG VACATION BIBLE SCHOOL JULY 18-22

APG North (Aberdeen) main post chapel. 5:30 to 9 p.m., July 18; 6 to 9 p.m. all other days. Registration is now open for the free, week-long program for pre-school to sixth grade children and youth. Volunteers are also needed.

To register or sign up as a volunteer, contact John Edwards at john.m.edwards3.civ@mail.mil or call 410-278-2516.

ANNOUNCEMENTS & MISC.

APG OUTSTANDING WOMEN NOMINATION DEADLINE JULY 8

Nominations for APG's Outstanding Woman of Year, Outstanding Supervisor of the Year and Activity Most Supportive of Federal Womens Program goals are now being accepted. Nominations may be submitted by an employee or management official; nominees are not required to be members of the FWP. Awards will be presented during the APG Woman's Equality Day observance set for Aug. 24 at 10:30 a.m., at the Myer Auditorium, Bldg. 6008. An independent panel will evaluate the qualifications of each nominee against specified criteria. For more information, and the nomination format, contact Tiffany Cervantes, tiffany.n.cervantes.civ@mail.mil and Teresa Rudd, teresa.d.rudd.civ@mail.mil.

FEDERALLY EMPLOYED WOMEN SCHOLARSHIP DEADLINE JULY 25

The Maryland Tri-County Chapter of Federally Employed Women (FEW) awards the one-time \$500 Dottie Dorman Working Woman Scholarship each year to a woman who is currently employed in federal service and working in the Harford, Cecil or Baltimore County areas.

Individuals applying for the scholarship must be currently enrolled at a college or university pursuing their first undergraduate or first graduate degree. For the application or additional

information, contact Karen Jobses at kwjobses@gmail.com, 410-436-4429; or Michelle Williams-Gibson at michelle.williams-gibson.civ@mail.mil, 443-861-4613.

SPORTS PHYSICALS AT KUSAHC

June is Sports Physical Month at the Kirk U.S. Army Health Clinic. Call 410-278-5475 to make an appointment for have your child's sports or camp physical.

SMALLPOX VACCINES BACK AT KUSAHC

Smallpox vaccines are available again at Kirk U.S. Army Health Clinic. To schedule an appointment, call 410-278-5475.

BIBLE STUDY CLASS

APG North (Aberdeen) chapel. 6:30 to 7:30 p.m. Soldier and Family Christian Fellowship Bible Study Class focusing on biblical fellowship and outreach and encouragement through prayer. Open to all. Free child care included. For more information, call 410-278-4333.

APG SOUTH 2016 WATER MAIN FLUSHING

The APG South (Edgewood) 2016 water main flushing schedule is as follows: July through Sept.: E3000-E4000 area; Aug. 11-13: APG South housing area, E1220-E1300 area, and child care center; Oct. through Dec.: E5000 area; Nov. 10-12: APG South housing area, Austin Road. For more information, contact Robert Warlick at 410-436-2196 or robert.w.warlick2.civ@mail.mil.

RETIRING SOON? UNCLE SAM WANTS TO THANK YOU!

Are you an APG Soldier or civilian nearing retirement from government service? Consider participating in the monthly Installation Retirement Ceremony. Hosted the fourth Thursday each month by the APG Garrison, the event includes awards and decorations provided to retirees and their spouses. Photo DVDs are provided to each retiree after the ceremony. All Soldiers and civilians are eligible to participate, regardless of unit or organization. For more information, contact Lisa M. Waldon at 410-278-4353 or email lisa.m.waldon.civ@mail.mil.

FIREWOOD AVAILABLE FOR SALE

Firewood is available, on a first-come first-served basis, at a cost of \$20 per level standard 8-foot pick-up truck, \$15 per level standard 6-foot pick-up truck, and \$5 per car trunk load. For more information, contact Scott English at 410-436-9804 or Kathy Thisse at 410-436-8789.

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

MORALE, WELFARE & RECREATION



Upcoming Activities

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

LEISURE & RECREATION

TRACE ADKINS DISCOUNT TICKETS

Tickets are available for the Trace Adkins Sept. 23 concert at APG Federal Credit Union Arena at Harford Community College, starting at 7:30 p.m. Tickets cost \$26.60 each and must be purchased by July 14.

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

CHILD & YOUTH SERVICES

FAMILY MOVIE NIGHT JULY 8

APG North (Aberdeen) recreation center. 6 p.m. "Zootopia." Free movie, giveaway, snacks, and craft activity. For more information, call 410-278-4011.

FAMILY MOVIE NIGHT JULY 22

APG South (Edgewood) recreation center. 6 p.m. "Kung Fu Panda 3." Free movie, giveaway, snacks, and craft activity. For more information, call 410-278-4011.

ACS & RESILIENCY RESUME & INTERVIEW TIPS JULY 6

Bldg. 2503, Army Community Service. 11:30 a.m. to 1:30 p.m. Learn the steps to create a winning resume, as well as helpful tips to build your interview skills. Registration is required. To register, contact Marilyn Howard, ACS Employment Readiness Program Manager at 410-278-9669.

FAMILY READINESS LIAISON (FRL) TRAINING JULY 15

ACS Bldg. 2503, 2nd floor classroom. 1:30-4 p.m. Session provides information about the roles and responsibilities of the FRLs, their role in relationship to the FRG, their function in working with Army community agencies and the civilian community. To register, call 410-278-2180.

SPORTS & RECREATION

KAYAK CLASSES

JULY 13 & 14; AUG. 11 & 12

Spesutie Island Marina. 6 to 8:30 p.m. \$60 per person. Open to all eligible MWR patrons. Registration required, deadline is three days before class. Five days prior to class, excursion must meet minimum participants to take place. To register, call 410-278-4124/5789/2134/2135 or email usarmy.APG.imcom-fmwrc.list.usag-mwr-outdoorrec@mail.mil.

KAYAK EXCURSIONS JULY 29; AUG. 27

Excursions leave from Skippers Point. Cost is \$40 per person. 8 to 11 a.m., June 25; 6 to 8:30 p.m., July 29; 8 to 11 a.m. Aug. 27. Open to all eligible MWR patrons. Registration required, deadline is three days before class. Five days prior to class, excursion must meet minimum participants to take place. To register, call 410-278-4124/5789/2134/2135 or email usarmy.APG.imcom-fmwrc.list.usag-mwr-outdoorrec@mail.mil.

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

APGMWR Movie Night



July 8, 6 pm
AA Recreation Center, BLDG 3326

Free Movie and Youth Craft, giveaways, food and drinks for sale.

For more information call 410-278-4011/4907 or e-mail us at usarmy.apg.imcom.lisat.apgr-usag-mwr-leisuretravel



inside

OUTREACH

The AMSAA mentoring program lead explains 17-year commitment to local middle school students.

Nurturing | B2

INTERNS

New interns at the Army Research Laboratory explore summer research turf.

Future | B3

ARTILLERY

RDECOM's aviation and missile research center remanufactures rocket igniters.

Scientists | B5

newsbrief

ARMY CIVILIAN PROFESSION TRAINING NOW AVAILABLE

U.S. Army STAND-TO!

The Center for the Army Profession and Ethic, known as CAPE, at the U.S. Army Training and Doctrine Command has added a training support package for the Army Civilian Corps to its collection of training products. These training products support America's Army - Our Profession, a professional development program that strengthens the Army Profession.

The fiscal year 2016 Army Profession campaign theme is "Living the Army Ethic: Why and How We Serve." The Army Ethic is the heart of the Total Army and motivates the conduct of Soldiers and Army Civilians as Army professionals, bound together in a common moral purpose to support and defend the constitution and the American people.

CAPE recently developed an alternative lesson plan and TSP for Army Civilians that can be used separately for professional development or combined with the standard, recently updated TSP for combined audiences of Soldiers and Army Civilians.

Training support packages are helpful tools for leaders to use to support increased understanding of the different aspects of the Army Profession. This initiative is designed to provide Soldiers and Army Civilians with character development and educate them about the importance of incorporating the Army Ethic into their daily lives.

For more information, visit cape.army.mil/civilians.php.

online

www.TeamAPG.com/APGNews

[facebook.com/APGMd](https://www.facebook.com/APGMd)

twitter.com/USAGAPG

[flickr.com/photos/usagapg/](https://www.flickr.com/photos/usagapg/)

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



First and secondary responders from the Environmental Protection Agency participate in site recovery exercises in a simulated home at the Edgewood Chemical Biological Center on APG South (Edgewood).
Courtesy photo

EPA responders train at ECBC

The ECBC Chemical Biological Application and Risk Reduction business unit recently held a three-day training session with members from the Environmental Protection Agency headquarters, regions 2 and 3, Environmental Response Team, contractors, as well as representatives from Washington Headquarters Service.

CBARR personnel and staff from the ECBC Advanced CBRNE Training Program provided classroom instruction, as well as hands-on site recovery exercises.

"We learned how to plan and prepare for these kinds of incidents, such as how to set up a decontamination line based on the situation," said Dee Valdes, from the Las Vegas-based western headquarters of the EPA Environmental Response Team. "We're looking forward to setting up another session where we can bring the rest of the staff and other regions."

The training program is an opportunity for CBARR to teach techniques developed through its history of worldwide operations and to highlight to these agencies the resources and experience that CBARR can bring to a real-world chemical or biological incident.

"CBARR's personnel have a level of expertise that I don't think exists anywhere else," said Keith Glenn, an on-scene coordinator from EPA Region 2 in Edison, New Jersey. "It helps us to know who to call and what resources are available to us in case of an incident."

Bioscience event draws global crowd

MRICD hosts international meeting focused on medical chem defense

By **CINDY KRONMAN**
MRICD

The U.S. Army Medical Research Institute of Chemical Defense, or MRICD, hosted its 20th Biennial Medical Defense Bioscience Review, June 6-9, at its new facility on APG South (Edgewood). The international meeting is sponsored by the U.S. Army Medical Research and Materiel Command, or MRMC.

"Once again, this year's Bioscience Review brought together the international leaders in the field of medical chemical defense to showcase the current advances in treatments and the future concepts for medical care of chemical casualties," said Dr. James F. Dillman III, MRICD's director of research.

Dillman chaired the meeting, and Dr. George Ludwig, MRMC acting principal assistant for research and technology, provided the opening remarks. Dr. Palmer Taylor gave the keynote address, entitled "Pharmacodynamic and Pharmacokinetic



Photo by Cary D. Sisolak, MRICD

During an evening poster session, Dr. Heidi Hoard-Fruchey, foreground, discusses the data in a poster by Cherish Ardinger, one of MRICD's Oak Ridge Institute for Science and Education interns.

See **REVIEW**, page B7

PdM WIN-T renamed during change of charter

PdM reflagged as Tactical Cyber and Network Operations

By **AMY WALKER**
PEO C3T

Internal program offices that manage the Army's tactical communications network known as Warfighter Information Network-Tactical, or WIN-T, continue to adapt and change as the Army modernizes its network. To better align with the program's evolving mission and vision, the Army officially reflagged Product Manager (PdM) WIN-T Increment 3 to PdM Tactical Cyber and Network Operations, or TCNO, during the program's change of charter ceremony on APG North (Aberdeen), June 23.

"This name change reflects the evolution in scope of this office," said Col. Ward Roberts, outgoing PdM for WIN-T's TCNO office. "We are no longer focused on just supporting WIN-T systems; we now support the full gambit of devices and services on the mission command network, from handheld radios up to SAT-COM on-the-move systems. We take a One Network approach and now our name reflects that broader scope."

See **PdM WIN-T**, page B7



Photo by Lynn Harkins, PM WIN-T

Incoming PdM, Lt. Col. Kelvin Graves, right, accepts the Product Manager (PdM) Tactical Cyber and Network Operations charter (formerly WIN-T Increment 3) from Col. Greg Coile, PM for WIN-T, center, as Col. Ward Roberts, outgoing PdM, left, looks on during the Change of Charter ceremony at APG, June 23.

Nurturing interest in science and math

AMSAA student mentoring program in 17th year

By **YVONNE JOHNSON**
APG News

Individuals from an Aberdeen Proving Ground organization who volunteer their time to nurture interests in science and math among local students see a bright future in securing home-grown talent for the installation.

Rachel Champion leads the Mentoring Program for the U.S. Army Materiel Systems Analysis Activity, or AMSAA, partnership with Aberdeen Middle School. The operations research analyst said the program, now in its 17th year, coordinates with a school guidance counselor to present monthly activities and field trips geared toward science, technology, engineering and math, or STEM-related subjects.

“We lead in-school activities and facilitate fun outings that try to show ‘the why,’ or cause and effect, while sharpening critical thinking skills,” Champion said. “It’s a large payoff for a small investment,” she added, noting that AMSAA volunteers devote just a few hours each month to the program.

Champion, who has been with AMSAA six years, said she got involved with the program as a volunteer before taking the lead. She reports to AMSAA senior managers for direction and recently briefed the Aberdeen Chamber of Commerce



Photo by Sean Kief, USAG APG
Rachel Champion, an operations research analyst who leads the U.S. Army Materiel Systems Analysis Activity Mentoring Program with students at Aberdeen Middle School, discusses the programs goals with the Aberdeen Chamber of Commerce, June 14.

on the program’s attributes. She said she hopes to brief the Harford County Board of Education in September. She noted that students enter the program on “an application basis.”

“We try to work with those who are interested and who want to be there,” she said. “The activities are designed to be interactive; all students get involved. They don’t just sit on the sidelines. They participate and learn.

“The intent is to show that math and science are fun and more applicable than they seem,” she added.

“The intent is to show that math and science are fun and more applicable than they seem.”

Rachel Champion

AMSAA Operations Research Analyst

Champion holds a bachelor’s degree in math from James Madison University and a master’s in Operations Research from the Florida Institute of Technology. A native of Perry Hall, Maryland, she first came to APG as a summer hire in 2010 and gained full time employment in 2011. She said

she wishes STEM-like programs existed when she was in school and considering what to do with a math degree.

Mentors know they’re on the right track when students say they’ve learned a lot about professions in STEM fields, she said

“AMSAA volunteers each have something to offer and we realize as leaders and mentors that we are still learning. We don’t have all the answers. Learning is a process that doesn’t stop at graduation.”

She said future plans for the program include expanding activities and introducing new projects that keep pace with evolving sciences. Students recently visited the Spy Museum in Washington, D.C. where they learned about “security from the defense side” and current plans are to continue interactive activities geared toward cybersecurity and other subjects that lead to STEM careers, Champion said.

Additionally, the program will leverage some ideas from AMSAA’s Edgewood High School mentoring program, focusing on professional development subjects such as public speaking. Champion said many of the students are military family members and very open to learning and expanding their career options. Many also have plans to apply for the Science and Mathematics Academy at Aberdeen High School.

Champion said she continues to learn from her coworkers.

“I have the best of both worlds; I get to learn on the job and I get to share relevant skills and applications of what I’ve learned with the students,” Champion said. “I foresee a great future for this program. It’s all about supporting the warfighter. That’s why we do what we do.”

PdM Radars welcomes new product manager

By **RACHEL PONDER**
APG News

One incoming product manager was honored while another was hailed for past contributions during a change of charter ceremony at the Myer Auditorium on APG North (Aberdeen), June 23.

Incoming Product Manager Lt. Col. Jason F. Tate assumed responsibilities for Product Manager Radars, or PdM Radars, from outgoing PdM Lt. Col. Teresa L. Legree.

PdM Radars, is a subordinate of Program Executive Office Missiles and Space, or PEO M&S, headquartered at Redstone Arsenal, in Huntsville, Alabama with a branch at APG. PdM Radars produces counter-fire target acquisition radars that provide Soldiers with a 360-degree protection capability to pinpoint incoming hostile rocket, artillery and mortar fire.

Ceremony host, Michael J. Van Rassen, the program director of the Counter-Rocket, Artillery, Mortar, or C-RAM, thanked Legree for leading with distinction, noting that under her leadership, PdM Radars gave the Army the most capable counter target acquisition radar system in the world.

“Thank you for your passion, for your leadership and for your accomplishments in your 38 months as the product manager,” he said, adding that he was, “extremely pleased” that Tate was selected to lead PdM Radars.

“He has the right experience and the right job skills to execute the mission,” he said.

Legree thanked her team members for their dedicated support and for the “valuable lessons” she learned during her tenure. As a product manager of nearly 150 individuals, she said her top priority was taking care of her people.

“Though the going has been tough and challenging at times, through it all, there was never a challenge too great that we could not overcome as a team,” she said. “I will depart today with a wealth of knowledge I will always treasure. Serving as product manager Radars has been a fantastic learning experience, and I am thankful for the skills I have acquired. I feel as if being with you all each day has made me more complete and a well-rounded person [and] I have learned that in this business it is about the people.”

Legree moves on to the U.S. Army Combined Arms Support Command, or CASCAM, at Fort Lee, Virginia, where she will serve as the deputy director for the Acquisition, Logistics and Technology Integration Office, or ALT-IO.

Tate said he looks forward to the challenges ahead.

“As your product manager I promise to give you 110 percent daily, and work on behalf of supporting the warfighter,” he said. “I only ask that I get the same support.”

Prior to coming to PdM Radars, Tate was an army staff officer for the Assis-



Photo by Sean Kief, USAG APG
Incoming Product Manager Radars Lt. Col. Jason F. Tate, right, accepts the charter from Michael J. Van Rassen, the program director of the Counter-Rocket, Artillery, Mortar while outgoing PM Lt. Col. Teresa L. Legree looks on during a change of charter ceremony at the Myer Auditorium, June 23.

tant Secretary of the Army (Acquisition, Logistics and Technology), also known as ASA (ALT), at the Pentagon in Washington, D.C.

“I am very excited, very glad to be here, very humbled to be here,” he said. “And I look forward to joining the community and being part of the team.”

MORE ONLINE

Come and follow us for news and events going on at and around the U.S. Army Garrison Aberdeen Proving Ground, visit the garrison twitter site <http://twitter.com/USAGAPG>



Leave Donations

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

- Acevedo, Rachel
- Acosta, Jeannie M.
- Barela, Linda M.
- Blanton, John B.
- Branscome, Teresa A.
- Ciborowski, Steven
- Clark, Lyra
- Coleman Jones, Nancy
- Crowder, Phillip N.
- Dennis, Robin N.
- Dimond, Crystal
- Diseck, Michael J.
- Diveley, Roberta R.
- Donlon, Jacqueline A.
- Ellis, Gibson, Tanya J (T’Jae)
- Frankel, Ronald A.
- Friedman, Marian J.
- Gaddis, Lonnie

Employees eligible for donations in the Voluntary Leave Transfer Program

- Galloway, Dea S.
- Gant, Hennither B.
- Gilley, Christopher M.
- Glassman, Connie L.
- Gunter, Angeline W.
- Hampton, Devita D.
- Hamrick, Eunice G.
- Hornberger, Michele D.
- Hug, Sarah C.
- Humphries, Theresa
- Johnson, Douglas W.
- Khan, Abid R.
- King, Sharon M.
- Kuciej, Andrea D.
- Kyro, Kelly J.
- Leonguerrero, Louise A.
- Meadowcroft, Catherine
- Meskill, Joseph F.
- Nayaline, Gregory S.
- Nunley, Dana Y.
- Peduzzi, Jill L.
- Redman, Corinne L.
- Rodriguez, Pedro
- Ruff, Albert L.
- Squillacioti, Richard John
- Shoaf, Meaghan L.
- Solomon, Je’Neane
- Soto, Robert Alan
- Thompson, Curtis
- Tisdale, Dorris A.
- Tober, Linnea L.
- Vaccaro, Dominic S.
- Villanueva, Jenny
- Waters, Patricia M.
- West, Abby Lee
- Williams, Rodney B. Jr.

Future scientists explore summer research turf

U.S. Army Research Laboratory wraps up its annual two-day Summer Intern Tour

By **JENNA BRADY**
U.S. Army Research Laboratory

On the heels of the Army's birthday, a new generation of researchers toured the laboratory spaces they will call their home away from home for the summer.

The U.S. Army Research Laboratory, or ARL, recently wrapped up its annual two-day Summer Intern Tour, which took place at the Adelphi Laboratory Center and Aberdeen Proving Ground in Maryland, two of the lab's major sites.

The tour provided a unique experience for the interns, allowing them to interact with scientists and engineers and their projects, providing a better overall picture of the work that ARL conducts in support of Soldiers, and the work that these young, eager minds have a chance to be a part of.

Welcoming the interns on the first day, ARL Military Deputy Col. Kevin Ellison stated, "As I look across the room today, you are the future Army scientists and engineers. We as Warfighters cannot execute missions without the help of our civilian teammates. You are the ones that will make the Army successful for the next 241 years."

Interns received an overview of areas such as 3-D flexible hybrid electronics, network science, atmospheric science, spoken dialogue research for human-robot teams, remote control improvised explosive device detector development, energetics, advanced polymer processing, neuro-inspired design, cognitive assessment, simulation and engineering, and auditory research.

"It was a great experience," said Spencer Whitehead, who will be interning this summer in ARL's Computational and Information Sciences Directorate. "There were a lot of cool, interesting and meaningful projects with brilliant minds



working on them."

For information on the various student and recent graduate programs offered at ARL, visit <http://www.arl.army.mil/www/default.cfm?page=2907>.

For updates on ARL interns throughout the summer, check the ARL Instagram site at <https://www.instagram.com/usarmyresearchlab/>.

(Above) ARL's Dr. Jacob Temme talks with summer interns about the projects he is working on in the Spray Combustion Lab at Aberdeen Proving Ground.

(Right) ARL summer interns watch as a fellow tour mate becomes part of an experiment in the Mission Impact through Neuro-inspired Design, or MIND, Laboratory at Aberdeen Proving Ground. The MIND Laboratory is an all-inclusive environment for neuroscience research designed for studying Soldier-system interactions.

U.S. Army Research Laboratory photos



Building a better metric for chemical agent resistance

ECBC research to improve combat vehicle protective coatings

Edgewood Chemical Biological Center

When it comes to protecting warfighters from exposure to a chemical agent that has contaminated combat vehicles, determining how much agent gets absorbed into the material matters. That's what researchers at the Edgewood Chemical Biological Center, or ECBC, discovered and helped the Army fix.

Each year, the U.S. Army uses over a million gallons of coating, like paint, for its combat vehicles. One of the key jobs of a coating, in addition to providing corrosion resistance and camouflage, is protecting its occupants from chemical agent exposure.

The key to this protection is to make sure vapor and contact hazards are not still present after Soldiers and maintenance personnel believe they have decontaminated the vehicle. What the Army needs is a coating that resists chemical agent absorption in the first place so that there is no agent left to resurface after decontamination efforts are completed.

Flaws in the Existing Method

For decades, the method for determining the chemical agent resistance a coating was to place a known amount of chemical agent on a coating sample under engineering-controlled laboratory conditions, wash it with isopropyl alcohol, then measure how much agent vapor re-emitted from the exposed material in the air above it after 22 hours. However, ECBC researchers who specialize in material decontamination learned that materials like coatings can absorb an agent and then re-emit it slowly over a much longer period of time.

By carefully reviewing the Army's current chemical agent resistance method, they determined that the vapor collection accounted for only 43 percent



Courtesy graphic

U.S. Army combat vehicle coatings provide chemical warfare agent protection as well as camouflage and corrosion resistance. An ECBC research team provided the Army with a more accurate method for evaluating the protective value of coatings purchased from vendors.

of the agent actually in the coating sample. The remaining 57 percent was still trapped in the material and would continue to come out long after the 22 hour measurement window. The researchers recognized this as a significant flaw and notified the vehicle coatings commodity area manager, John Escarsega, at the U.S. Army Research Laboratory.

"The commodity area manager realized right away that he was relying on a broken metric and was eager for our help in creating an accurate method for measuring agent resistance and retention," said lead researcher Dr. Brent Mantooth.

"The Army was so concerned that developing a new agent resistance evaluation method became one of the Defense Threat Reduction Agency's top 15 programs for 2015."

Understanding of What a Coating Does

"We had to change the Army's perspective on chemical agent resistance from presuming that coatings do not re-emit agent to a realization that they do absorb agent and will re-emit agent later," Mantooth said.

"What goes into the coating eventual-

ly comes out, so we had to come up with a way to accurately measure retained agent. We also had to figure out and demonstrate how to accurately measure retained agent in a robust and reliable fashion for many different types of materials and agents."

From his study of the interaction of liquid agent droplets with surfaces in his other, related research projects, Mantooth learned that the time liquid agent is permitted to remain on the surface of a coating is a factor in determining how much agent will permeate into the coating material. Also, in order to accurately measure the amount of agent in the coating, liquid agent remaining on the exposed surface has to be removed in a fashion that will not affect the measurement of the absorbed agent. The current test method caused confusion because it did not include removing the agent on the surface.

Reinventing the Evaluation Method

Armed with this perspective, Mantooth and his team set a goal of revising the evaluation procedure using a simple and reproducible method for remov-

ing the surface-bound liquid agent so that the agent that had absorbed into the material could be measured. The research team investigated a range of different techniques for removal of surface-bound liquid agent from materials.

They ultimately arrived at immersing the surface in soapy water along with water rinses. Thus they were able to remove surface-bound liquid agent before using a solvent to extract agent absorbed by the material. The soapy water immersion process emulates the treatment process typically used by Soldiers in the field; and actually extracting the agent from the coating, as opposed to relying on off-gassing data, accounts for all the agent that's been absorbed.

The soapy water rinse and solvent extraction procedure is applied to test samples of a vehicle coating for contamination times of five minutes, 60 minutes, and 360 minutes on three different samples. This approximates the immediate, operational, and thorough decontamination times in a typical exposure event in the field. The amount of agent recovered from the samples determines the degree to which a coating can be considered agent resistant.

"Put another way," Mantooth said, "the less agent the coating retains, the more agent resistant the coating is. This translates to lower the exposure risks to the warfighter and less work decontaminating the vehicle, which is the true measure of agent resistance."

Better Protection for the Warfighter

"The warfighter has benefited," Escarsega said. "The enhanced quality of the coatings we will be getting by applying this new method makes the vehicles and helicopters less contaminated, hence easier to clean. This, in turn, reduces the decontamination burden in combat areas and saves warfighter lives."

Mantooth and his team are currently finalizing a multi-laboratory verification and validation process to prove the method's repeatability and reproducibility. After that, the method will be codified in the U.S. Military Standard, or Mil Spec, MIL-DTL-64159, which all vendors of coatings to the U.S. armed services will be required to follow.

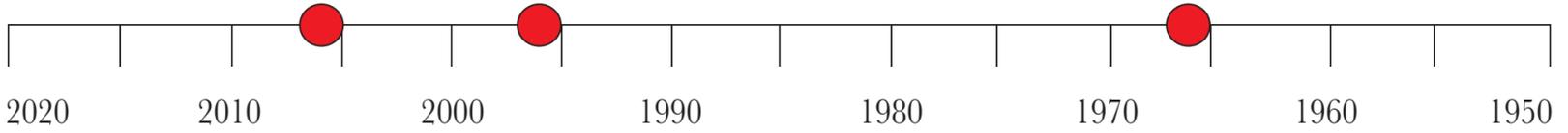
Visit us on facebook <https://www.facebook.com/APGMd>

THIS WEEK IN APG HISTORY



Take a look back in time as the APG News explores what made the headlines around APG during this week 10, 25 and 50 years ago. This week's APG News masthead is from 1962.

By **YVONNE JOHNSON**, APG News



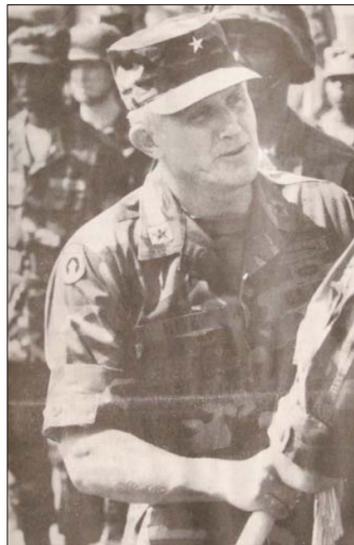
10 Years Ago: June 29, 2006

25 Years Ago: July 3, 1991

50 Years Ago: June 30, 1966



From left, Col. Paul Johnson, assistant director of the Army Casualty Memorial Affairs Operations Center, Lt. Col. L. Scott Kilmon, incoming commander of the Joint Personal Effects Depot, outgoing Commander Lt. Col Deborah S. Skillman and Master Sgt. Elder Williams, depot sergeant major, begin the passing of the guidon during the JPED Change of Command ceremony at Fanshaw Field.



Brig. Gen. Ronald V. Hite accepts the colors, becoming the new commanding general of the U.S. Army Test and Evaluation Command and Aberdeen Proving Ground during a change of command ceremony at Fanshaw Field.



Members of the WBAL-TV program "To Promote Good Will" get ready to film a panel discussion at Aberdeen Proving Ground. The show aired weekly on Channel 11. Panel members include, from left, Father James B. O'Hara, Dr. Frederick W. Helfer, David L. Brigham, moderator, and Rabbi Abraham Shusterman.



John W. Macy Jr. award goes to CECOM civilian during Pentagon ceremony

Larry Muzzelo, right, CECOM deputy to the commanding general, accepts the John W. Macy Jr. Award on behalf of CECOM recipient Carrie A. Patches, from Under Secretary of the Army and Chief Management Officer Patrick J. Murphy during an award ceremony at the Pentagon, June 23.

Patches, who was unable to attend the ceremony, was recognized for her exceptional support and uncompromising diligence while supporting all programs in AFRICOM, Canada, and EUCOM, forging positive relationships with members of her division, foreign allies, the United States Security Assistance Command, program managers, and vendors.

The John W. Macy, Jr. Award recognizes demonstrated excellence in the leadership of civilians by an Army military or civilian supervisor. It exemplifies the highest traditions established by John Macy during his long and distinguished career of public service and the Army's philosophy that leaders are responsible for civilian personnel management. Patches will be honored at the next CECOM awards ceremony scheduled for August 2016.

U.S. Army Photo

WORD OF THE WEEK

Doggerel

Pronounced: daw-ger-uh l

Parts of Speech: adjective, noun

Definition:

- Poetry that is poorly written and not meant to be taken seriously; trivial, awkward, often comic verse characterized by a monotonous rhythm; bad poetry
- Awkwardly or poorly crafted; crude; comic or burlesque, and usually loose or irregular in measure

Use:

- He was oblivious to the fact that critics considered his song little more than a doggerel piece of poetry.
- Thanks to his father's advice, he gave up writing doggerel verse and turned to prose composition.
- His attempts at writing limericks developed into nothing more than sad doggerel.

By **YVONNE JOHNSON**, APG News

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

ACRONYM OF THE WEEK

HRSA
Health Resources and Services Administration



The Health Resources and Services Administration, HRSA, is an agency of the U.S. Department of Health and Human Services. It is the primary federal agency for improving access to health care services for people who are uninsured, isolated or medically vulnerable. This includes people living with HIV/AIDS, pregnant women, mothers, and their families and those in need of high quality primary health care. HRSA also supports the training of health professionals, the distribution of providers to areas where they are needed most and improvements in health care delivery. It also oversees organ, bone marrow and cord blood donations, compensates individuals harmed by vaccinations, and maintains databases that protect against health care malpractice, waste, fraud and abuse.

HRSA was created in 1982, when the Health Resources Administration and the Health Services Administration were merged. It is headquartered in Rockville, Maryland with a \$10 billion FY2015 budget.

By **YVONNE JOHNSON**, APG News
Source(s): www.hrsa.gov/about/index.html
www.wikipedia.org



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."

Army scientists remanufacture rocket igniters, reduce costs

By **NIKKI MONTGOMERY**
AMRDEC

The U.S. Army Aviation and Missile Research, Development and Engineering Center, or AMRDEC, is working with the missile community to remanufacture used rocket igniters to provide Soldier training and practice rockets for the Army.

The Guided Multiple Launch Rocket System, or GMLRS, is the Army's primary precision strike artillery weapon. To conduct the proper training for munitions handling, loading and fire control systems, the Army uses a GMLRS training round, the Low Cost Reduced Range Practice Rocket.

The LCRRPR rounds are built by a commercial supplier, but as the Army's training needs continue to grow, the Precision Fires Rocket and Missile Systems, or PFRMS, Project Office is investigating ways to increase production capacity and reduce product cost.

PFRMS has partnered with AMRDEC's Weapons Development and Integration, or WDI, Directorate, Letterkenny Munition Center and Crane Army Ammunition Activity to remanufacture and reassemble used rocket igniters to support the production of LCRRPR practice rockets.

WDI's Missile Sustainment Chief Robert Little said there could be a cost-effective solution to provide additional practice rounds for training in the Army.

"The most time consuming element of manufacture for these units is the electrical connector and initiator assembly," Little said. "If we are successful in recovering and reusing these, it would allow the Army to salvage an estimated 75,000 used Multiple Launch Rocket System M26 igniters that would otherwise be demilitarized."

During the LCRRPR Alternative Source Igniter Proof of Concept program, 12 igniters were remanufactured at CAAA and sent to WDI for testing. Non-destructive tests and inspections were performed to ensure consistency of manufacturing to specification requirements. This included a chemical analysis of the igniter's pyrotechnic compound, Magnesium Teflon Viton.

In April, one open air functional test of an igniter assembly and six full-scale motor functional tests were successfully conducted at WDI static test facilities at Redstone Arsenal, Alabama. The open air test was performed as a system check,



ensuring the igniter would exhibit proper timing prior to full motor functional test. The testing proved remanufactured igniters could successfully ignite LCRRPR motors with no abnormalities. Pressure and thrust were recorded for the motors to evaluate igniter and motor performance against requirements.

"The Proof of Concept phase has successfully demonstrated feasibility for use," said Justin Grissim, mechanical engineer and technical lead for the project. "The next phase of the effort is to conduct a detailed qualification program, in which the remanufactured igniters will be subject to rigorous environmental conditioning and functional test, meant to simulate realistic field deployment."

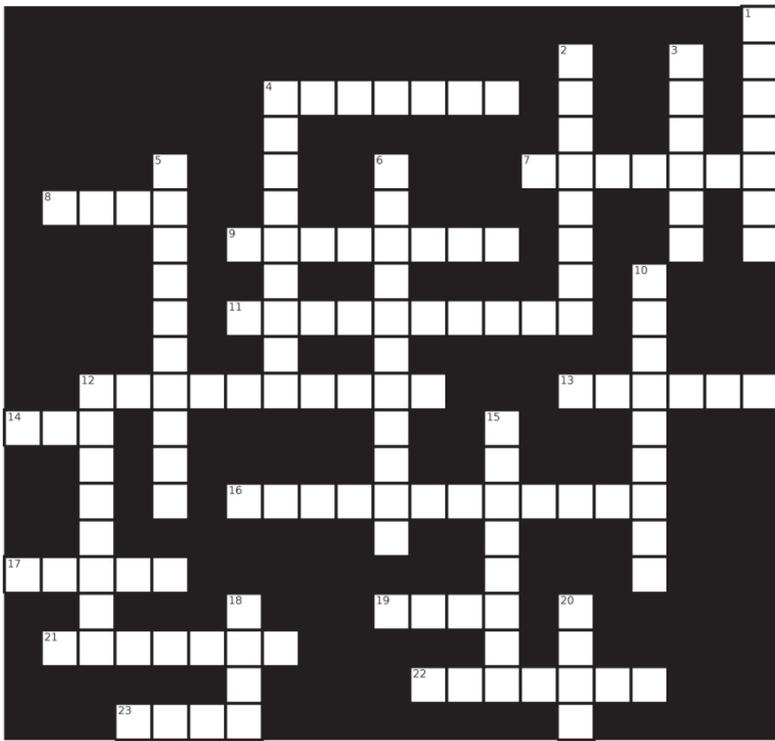
"This program has the potential to save the government the cost and effort of demilitarizing the hardware and provide a reliable alternate source of supply in training rounds for Soldiers," added Little.

The program is scheduled to conduct the qualification phase in late 2016. This will include test firing at White Sands Missile Range, New Mexico.



AMRDEC photos

(Top) In April 2016, one open air functional test of an igniter assembly and six full scale motor functional tests were successfully conducted at WDI static test facilities at Redstone Arsenal, Alabama. The open air test was performed as a system check, ensuring the igniter would exhibit proper timing prior to full motor functional test. (Above) The rocket igniter assembly.



The APG Crossword

In the year 1776

The July 4 ratification of the Declaration of Independence kicked off the American Revolution but there were a lot more fireworks in 1776. See if you can recall the fateful happenings of that tumultuous year.

By **YVONNE JOHNSON**, APG News

Across

4. Along with Thomas Jefferson, John Adams, Benjamin Franklin, and New York statesman Robert Livingston, this Connecticut representative, who would become the only person to sign the Continental Association; the Declaration of Independence; the Articles of Confederation; and the U.S. Constitution, were the original drafters of the declaration.

7. After Gen. George Washington had the first issue of "The Crisis" read to his troops he ferries all 2,600 of them

across the Delaware on Christmas Eve to take on 1,500 Hessian Troops in the Battle of _____.

8. On June 11, 1776, a Committee of _____ is appointed to draft a Declaration of Independence.

9. British control of Georgia is lost in the Battle of the Rice Boats, March 2-3, when patriot forces successfully resist the Royal Navy on this river.

11. Southern patriots defeated Scottish loyalists during the Moore's Creek Bridge battle of Feb. 27, 1776, near this

North Carolina city.

12. Threatened by Patriot cannon trained on these Heights, the British evacuate the city, ending the Siege of Boston March 17, 1776.

13. Thomas Paine published his pamphlet "_____ Sense" arguing for independence from the British Jan. 10, 1776.

14. A Glen Burnie, Maryland elementary school is named after this Virginia statesman who proposed a three-part resolution for independence – also named for him - that was passed July 2, a date many consider the "real" Independence Day.

16. The Continental Congress ratified the Declaration of Independence July 4, 1776 in this Pennsylvania city.

17. The Royal Colony of North Carolina reorganizes into the _____ of North Carolina after adopting its own constitution, Dec. 21, 1776.

19. This former Governor of the Colony of Rhode Island, state Supreme Court Justice and grandfather to the future author of the Battle Hymn of the Republic, who uttered the famous words: "Heaven save my country, is my first, my last, and almost my only prayer," died March 26, less than four months before the Declaration of Independence was realized.

21. On Aug. 15, the first of these troops landed on Staten Island, New York to join British forces.

22. During the British shelling and partial Patriot burning of this Virginia city on Jan. 1, 1776, more than 800 buildings were destroyed.

23. Gen. George Washington, retreated his troops from the Battle of Long Island, denying this future Commander in Chief of British Forces the victory in August 1776.

4. Hailed as the world's first _____ attack, the submersible craft "Turtle" tries to attach a time bomb to the hull of the British flagship HMS Eagle in New York Harbor Sept. 7.

5. The Battle of Fort Lee marked the successful invasion of this Northeastern Colony by British and Hessian forces Nov. 20, 1776.

6. On April 12, 1776, North Carolina becomes the first Royal Colony to authorize its _____ Congress delegates to vote for independence.

10. A British fleet led by Sir Guy Carleton defeated 15 American gunboats commanded by Brig. Gen. Benedict Arnold on this Canadian lake near Valcour Island on Oct. 11.

12. Hailed as Separation Day, this state's General Assembly votes to suspend government under the British crown June 15, 1776.

15. This English plantation owner in the colony of South Carolina was the first Jew killed in the Revolutionary War while fighting with state militia against Loyalists (pro-British) and their Cherokee allies.

18. This American Soldier and spy for the Continental Army who was officially designated the state hero for Connecticut in 1985, was executed in New York City for espionage against the British Empire Sept 22, 1776.

20. This eventual Secretary of War under George Washington famously oversaw the hauling of 60 tons of cannon on ox-drawn sleds for over 300 miles to end the Siege of Boston in January 1776.

Think you solved last week's puzzle? Check out the solution below

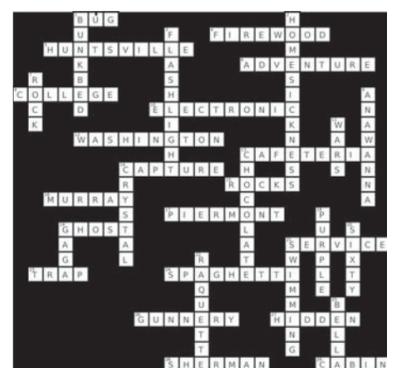
Solution to the June 23 puzzle

Down

1. On June 12, 1776, this states' Convention of Delegates adopts its Declaration of Rights.

2. While retreating from New Jersey with Washington's troops, Thomas Paine begins writing "The _____ Crisis," containing the stirring phrase, "These are the times that try men's souls."

3. On June 29, the American Continental Navy successfully challenges the British blockade off New Jersey during the Battle of _____ Gut Inlet.



Review focuses on nerve agent countermeasures

Continued from Page B1

Mechanisms to Enhance Antidote Efficacy Toward Organophosphate Exposure.” Taylor is the associate vice chancellor for health sciences and dean at the Skaggs School of Pharmacy and Pharmaceutical Sciences, University of California, San Diego, La Jolla, California.

Representatives from 11 countries, including Australia, Canada, Croatia, France, Germany, Israel, Norway, Singapore, the Netherlands, and the United Kingdom, were among the 340 attendees. Sessions were devoted to nerve agent countermeasures, to include reactivators and anticonvulsants and neuroprotectants; agent mitigation, which highlighted bioscavenger development and decontamination projects; vesicants and toxic industrial chemicals; cyanide; respiratory toxicants; toxin countermeasures, focusing specifically on botulinum neurotoxin; analytics; and diagnostics. Ongoing efforts in these areas were presented in 97 posters and 53 talks.

Dr. Renae Malek, Medical Countermeasure Systems – Chemical Defense Pharmaceuticals Joint Product Management Office, and Dr. Alison Myska, Defense Threat Reduction Agency’s Joint Science and Technology Office,

Dr. Millard’s contributions to the field of medical defense, both as a scientist and as a military officer, have been enormous, and he is certainly due the honor of receiving this award.

Dr. James F. Dillman III
MRICD Director of Research

also chaired a session on INFORMED, or the Interagency Nerve Agent Forum for Medical Countermeasure Developers. The objective of INFORMED is to “identify common strategies for moving products through development pipelines” with a “focus on animal models, study designs, and tools to facilitate Food and Drug Administration approval/licensure.” The forum engages subject matter experts from not only government agencies, but also industry and academia.

During the biennial event, a scientist who has made significant contributions to the chemical and biological defense program is honored with the Clarence A. Broomfield Award, named for a renowned MRICD researcher in the area of nerve agent countermeasures, particularly bioscavengers. This year’s

recipient was Dr. Charles Millard, a retired Army colonel. As a biochemist in the Medical Service Corps, Millard conducted research in support of the chemical and biological defense program and went on in his career to manage various aspects of product development and advancement within the program. His Broomfield lecture was entitled “Protein Design of Ricin Vaccine Immunogens.”

“Dr. Millard’s contributions to the field of medical defense, both as a scientist and as a military officer, have been enormous, and he is certainly due the honor of receiving this award,” said Dillman.

During the break for lunch each day, MRICD’s Chemical Casualty Care Division offered attendees tours and demonstrations of its Edward B. Vedder

Simulation Laboratory and Wide Area Virtual Environment, or WAVE, Room, and about 57 attendees signed up for the demonstrations. Both facilities are used for practical exercises in the division’s management of chemical casualties courses.

According to Dillman, “With this year’s Bioscience Review being held at our facility, we were able to give the attendees the unique opportunity of experiencing a small piece of the training that the students in our courses receive.”

Also, again this year, best poster awards were presented in several categories. MRICD’s Dr. John Azeke took the award for best poster of a Department of Defense principal investigator. Best international principal investigator poster honors went to Dr. Weng Keong Loke of DSO National Laboratories, Singapore. Dr. Hilary S. McCarren, MRICD, received the postdoctoral fellow poster award. Recognition for the best U.S. non-Department of Defense principal investigator poster went to Dr. Michael A. Malfatti, Lawrence Livermore National Laboratory, Livermore, California, and MRICD’s Diane Hildenberger and Jennifer Makar shared the best technician poster award.

PdM TCNO will manage, protect tactical network

Continued from Page B1

Among its many responsibilities, PdM TCNO will manage three programs including Tactical Network Operations Management, an integrated and standardized Network Operations toolset that enables communications officers from tactical edge up through Corps to plan, configure, manage, monitor, control and defend the network. The product office will also manage the joint forces radio manager known as Joint Enterprise Network Manager, and the Defense Cyber Operations Tactical, which is used to help protect and defend the tactical unit network from cyber attacks.

Along with the name change, the product office also underwent a change in leadership. Roberts passed the program’s charter to incoming PdM Lt. Col. Kelvin Graves, during the TCNO Change of Charter ceremony.

Roberts served as PdM for WIN-T Increment 3 since June 2012 and is now assigned to the Army War College, in Carlisle, Pennsylvania. Graves most recently served as the product director for the Lower Tier Air and Missile Defense Sensor, or LTAMDS, within PEO Missile and Space, Lower Tier Project Office. LTAMDS is the Army’s air and missile defense architecture replacing the PATRIOT system’s radar.

“Col. Roberts has done an outstanding job leading the WIN-T Increment 3 team during a challenging and complex time,” said Col. Greg Coile, project manager for WIN-T, who hosted the ceremony. “His time in WIN-T culminated in a successful operational test that will deliver a capability to significantly improve visualization and defense of the network. As we say goodbye to the Roberts command team, we welcome Lt. Col. Graves and his family to the WIN-T Team. I am confident in his leadership to transition the team from Inc 3 to TCNO, and I look forward to the great things to come from the TCNO team.”

In 2014, Roberts managed the complex restructuring of the WIN-T Increment 3 program to focus on



U.S. Army photo
Soldiers from 101st Airborne Division and 10th Mountain Division support the Warfighter Information Network-Tactical (WIN-T) Increment 3 Functional Qualification Testing of Network Planning and Management Software in December 2015

the enhancement and simplification of NetOps, to make it easier for communications officers to manage and defend the vast tactical communications network. In support of this mission, following extensive risk reduction preparations and testing, the Army conducted the WIN-T Increment 3 Limited User Test during Network Integration Evaluation 16.2 at Fort Bliss, Texas in May. Successful evaluation results will support the software technical insertion of the new enhancements into both the at-the-halt and on-the-move increments of the network, which is currently projected for fiscal year 2017. Feedback gained from the evaluation will also support future network improvements.

“NIE 16.2 was a capstone for our development and integration of Network

Management and Net Centric Waveform capabilities,” Roberts said. “We were able to bring enhanced network performance, reduction in the complexity for SATCOM planning, and more robust Cyber Defense capabilities. Many of these enhancements are directly attributed to Soldier feedback from deployments and previous NIE events. We put a lot of focus on user experience in order to simplify Soldier interaction with the tools.”

To help combat the continued rise in cyber threats, the new WIN-T enhancements also provide better firewall tools and defensive cyber visualization to help signal Soldiers more easily manage, protect, and harden the network from vulnerabilities.

As the Army moves to a more expe-

ditionary force, dispersed over ever-increasing distances, managing and defending this sophisticated network becomes a crucial element in achieving mission success.

Incoming PdM Graves is not new to WIN-T and its capabilities. In past assignments he served as the test officer for WIN-T Increment 1 and 2. He also served as the Assistant PdM for Joint Tactical Radio System, Handheld, Manpack & Small Form-Fit, radios that utilized the JENM now included in his portfolio.

“It’s great to be back with the team,” Graves said. “I’m grateful for this opportunity and look forward to working with the team, as we take TCNO to the next phase.”



DID YOU KNOW?

John Adams and Thomas Jefferson, both died July 4, 1826, on the nation’s 50th anniversary.

Here is some more Independence Day trivia to tickle your patriotic fancy.

John Hancock and Benjamin Franklin were both in London in 1761 and witnessed the coronation of King George III, the same king they would later rebel against in the quest for independence.

Thomas Jefferson narrowly escaped capture by the infamous Gen. Banastre Tarleton, the villain that fought against Mel Gibson in the movie, *The Patriot*.

Thomas Jefferson drafted the Declaration of Independence on a “laptop,” a kind of wooden writing desk that sat on the lap.

Thomas Jefferson changed the wording of the declaration from “the pursuit of property” to “the pursuit of happiness.”

Only two men signed the Declaration of Independence on July 4, 1776 – John Hancock and Charles Thompson, secretary of the Congress.

Jefferson’s original draft of the Declaration was lost and the one eventually signed is the engrossed, or final, document that is kept at the National Archives.

The printed version of the Declaration was called the Dunlap Broadside – 200 were made but only 27 are accounted for. One of these was found in the back of a picture frame at a tags sale and sold at auction for \$8.14 million. It now travels the country to be displayed to the public.

Most signers actually signed the Declaration of Independence on Aug. 2, 1776.

Edward Rutledge, a member of the South Carolina senate, and future governor of the state, was the youngest member to sign the Declaration of Independence.

Legend has it that on July 4, 1776, John and Abigail Adams feasted on a celebratory meal of turtle soup, New England poached salmon with egg sauce, green peas and boiled new potatoes in jackets with Indian pudding or Apple Pandowdy for dessert.

John Adams and Thomas Jefferson both died July 4, 1826, in Massachusetts and Virginia, respectively, on the 50th anniversary of the adoption of the Declaration of Independence. The sitting president, John Quincy Adams, declared their deaths on the nation’s anniversary, “visible and palpable remarks of Divine Favor.”

James Monroe died July 4, 1831, becoming the third president, after Adams and Jefferson, to die on Independence Day.

The first-ever major celebration of Independence Day occurred in Philadelphia in 1777 and included a parade, a 13-shot cannon salute and fireworks.

Congress didn’t make the Fourth of July an official holiday until 1870.

Calvin Coolidge, the nation’s 30th president, was born on the Fourth of July. Americans reportedly consume about 155 million hot dogs on Independence Day alone, according to the National Hot Dog and Sausage Council.

The “most patriotic” state of Pennsylvania is home to 11 places with the word “liberty” in their name and 33 with the word “union” in them.

Due to cracking concerns, the Liberty Bell has not rung since 1846. On the Fourth of July the 2,000 pound bell is tapped 13 times to signal for bells across the country to start ringing.

The Philippines gained independence from the United States on the Fourth of July in 1946.



By **YVONNE JOHNSON**, APG News

Source(s): www.wikipedia.com; <http://www.cbsnews.com>; <http://www.huffingtonpost.com>; <http://www.ibtimes.com>