

# APG News

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## Post Shorts

### Recycling schedule

The residential and recycling pickup schedule for June 24 is plastic, glass and metal. Put items in blue bags and place them on the curb.



### Partial closure of Hoyle Fitness Center

Parts of the Hoyle Fitness Center, building E-4210, will close for approximately three weeks beginning June 22 so the hardwood floors in the facility can be refinished.

Areas that will close include the issue room, basketball court, racquetball courts, weight area (behind the issue room), nautilus room, cardio room, boxing area, men's new locker rooms, ladies locker room and the sauna.

Patrons can enter the Hoyle Gymnasium on the east side (parking lot side) of the building about 50 feet to the right of the current entrance. The south side of the facility will remain operational during this work.

The hours of operation will remain the same, 5 a.m. to 8

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## GAPG Web site has a new look

Story by  
**YVONNE JOHNSON**  
APG News

The Directorate of Information Management stood up the new Garrison Aberdeen Proving Ground Web site June 5 and with it comes not only a more modern and attractive look but more user-friendly features for information seekers.

Tom Lockard, chief of the DOIM's Desktop Systems Support Branch B, credited APG Garrison Commander Col. Jeffrey S. Weissman with inspiring the upgrades to the site, which took about a year to complete.

"This came about by the garrison commander wanting something to serve our service members, Families, civilians and retirees that was user-friendly, visually appealing and provided more information," Lockard said.

He also credited the role the garrison's Visual Information personnel, Sean Kief and Jim Bridges, played in designing the site.

"All the links and mechanics behind the page are our responsibility but they did a great job with the concepts, layout, graphics and color scheme for the site," he said.

"Hopefully, we've structured that information the right way, and we've been able to accomplish providing information for newcomers, civilians and service members so they can find information right away."

He said the site is still a work in progress and that more changes will be made. Specifically, the "View From HQ" box on the right side of the front page will feature information and video from the garrison headquarters.

Lockard said the original site followed the design of the Installation Management Command, which is largely all text with little or no graphics and photographs.

"IMCOM wasn't keeping up with the times," he said. "We made

See GAPG WEB, page 11



Illustration by NICK PENTZ

## JPEO CBD holds Change of Charter

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

The U.S. Army Joint Program Executive Office of Chemical and Biological Defense welcomed its incoming Joint Product Manager and paid tribute to the departing JPM at a Change of Charter ceremony at the U.S. Army Research, Development and Engineering Command Conference Center June 9.

Lieutenant Colonel Vincent F. Johnston assumed the title as the JPM; from the outgoing JPM, Lt. Col. Jonas Vogelhut.

Major Scott Schroer gave welcoming remarks and served as the narrator for the program. The host of the ceremony was the JPEO CBD Brig. Gen. Jess A. Scarbrough.

Schroer said that the role of the JPM for Reconnaissance and Platform Integration is to develop, procure, field and conduct life cycle management for multiple critical Joint Chemical, Biological, Radiological, and Nuclear acquisition programs that include Stryker NBC Reconnaissance Vehicle Sensor Integration, the Joint NBC Reconnaissance System 2 (Dismounted), the M93 series Fox NBC Reconnaissance System, Large Area Obscuration, and the Family of Tactical Obscuration Devices



Brig. Gen. Jess A. Scarbrough, the Joint Program Executive Officer of Chemical and Biological Defense, left, hands the JPEO colors to incoming Joint Product Manager Lt. Col. Vincent Johnston during a Change of Charter ceremony at the U.S. Army Research, Development and Engineering Command Conference Center June 9.

and Grenades to provide significant CBRN defense capability to tactical, strategic and homeland defense units.

At the beginning of the ceremony Vogelhut's wife Paula Vogelehut was presented with flowers and the Commander's Award for Public Service for exceptional meritorious service by Col. Kyle Burke, the joint project manager for NBC Contamination

See JPEO CBD, page 2



Photo by SPC KIYOSHI C. FREEMAN

This HMMWV prepares for a convoy mission inside the yard at Convoy Support Center Scania, Iraq, April 16. The military's HMMWV is manufactured by AM General, an American company in South Bend, Ind. General Motor's decision to sell their Hummer brand of vehicles to a Chinese manufacturer, which shares a common background with the HMMWV, will not affect where the HMMWV is made.

## HMMWV still made in America

Army News Service

The military's High Mobility Multipurpose Wheeled Vehicle, also known as a "HMMWV," will continue to be made in the United States, by an American-owned company.

The recent announcement that Detroit-based General Motors will sell their Hummer brand of vehicles to Chinese-based Sichuan Tengzhong Heavy Industrial Machinery Company, has no bearing on the U.S. military's HMMWV.

"The Army's HMMWV and the civilian Hummer look similar and share a common appearance," said spokesman Lt. Col. Martin Downie. "But the rights to produce those two different vehicles are no longer

owned by the same company."

HMMWV manufacturer AM General is an American company based in South Bend, Ind. The company produced the first 55,000 HMMWV for the Army in 1985. The company continues today to produce the HMMWV for the military.

In the early 1990s, AM General began producing a civilian version calling it a "Hummer." But by the late 1990s, AM General had sold the Hummer name to General Motors.

While GM will sell the Hummer nameplate to Sichuan Tengzhong, the military's HMMWV, its designs, unique performance capabilities and technologies will continue to be owned by, and the vehicle produced by, AM General.



## TRAFFIC ALERT

### Lane closures at Maryland Boulevard

As the final stage of completion for the new Maryland Boulevard Gate construction nears, single lane closures of Maryland Boulevard are scheduled all week at the old gate location.

One inbound lane and one outbound lane of traffic will be maintained at all times, and lane closures will alternate to allow the contractor to seal the pavement and place new pavement markings.

This work is completely weather dependent so closures will be adjusted accordingly.

For more information, contact Jerry Norris, Directorate of Public Works, 410-306-1159.



# APG celebrates The Year of the NCO

## COMMAND SGT. MAJ.'S CORNER

### 'Pride of Service'— the role of the NCO

By  
**COMMAND SGT MAJ  
HECTOR G. MARIN**  
RDECOM



As the Army took time to celebrate its 234th birthday this month, we also continue to celebrate the Year of the Non-commissioned Officer.

The Army's birthday is a great opportunity to recognize the NCO Corps' contributions through the generations and to pay tribute to the indispensable roles NCOs continue to play as the "backbone of the Army" in every aspect of Army life.

Since 1775, the NCO Corps has distinguished itself through leadership, professionalism, commitment, courage and dedication. It is comprised of trained, adaptable, self-sacrificing professionals who have earned the admiration of both the officer and enlisted ranks. From the time a Soldier enters the Army until the time he or she leaves this profession, the NCO is there every step of the way to guide Soldiers and help them navigate any situation with their professionalism,

competence and caring.

The NCO Corps is the reason behind our success on the battlefield today and on battlefields of the past.

During the American Revolution, the very first NCOs were known as file-closers. Back then our Army fought in long lines. The way you won a battle was to

break the other side's line and then charge the disorganized soldiers with bayonets.

It was NCOs who kept our lines steady and enforced discipline during combat. In fact, it was the Army's first inspector general in 1778 during the cold days of Valley Forge who called NCOs "the backbone of the Army."

So, we carry on a tradition first defined in the earliest years of the American Army's history.

When tactics changed and we no longer fought in those long lines, formations of Soldiers wheeled and rallied on the colors. As that became the central point of the battle, the job was transferred from an officer to the color sergeant, who had a guard of corporals around the colors. That tradition lives on today when a color guard posts the nation's flag during our ceremonies.

And, those are just two examples. Throughout the Army's history, whenever tactics or technologies have changed, whether from horses to tanks or from jeeps to HMMWVs [high mobility multipurpose wheeled vehicles], the role of

NCO has also changed. As the battlefield became more and more decentralized and complex, NCOs have stepped up and taken on more leadership duties.

This change in roles has come into clearer focus since the terrorist attacks of 9-11. Our enemies know they have no hope of surviving a head-to-head battle with our army, so instead they specialize in attacking small teams, convoys and isolated outposts. That means NCOs are often the senior leaders during those types of encounters. The trust and confidence held in our NCOs has never stood firmer.

In addition, today's NCOs serve as positive, community role models. From a drill sergeant's long hours in the training base to the disregard for personal safety from a squad leader in battle, NCOs' tireless efforts to achieve the nation's goals set a daily example of commitment to service for us all.

On this 234th birthday, the American NCO is a walking example of a proud and professional Army built on dedication, patriotism and sacrifice.

## Sergeant Major Academy seeks input on name change

Story by  
**DAVID CROZIER**  
NCO Journal Magazine

The U.S. Army Sergeants Major Academy is seeking input from the NCO Corps on an appropriate new name for the institution as it transitions from an organization focused on training, to one that is focused on education.

"The Sergeants Major Academy has been transforming for the past two years and is not the academy of yesteryear," said Col. Donald E. Gentry, the school's commandant. "We have evolved from an institution that trains to one that is focused more on education; pro-

ducing broadly-skilled, adaptive, and critical thinking NCO leaders fully capable of operating across the full spectrum of operations while supporting ARFORGEN."

Gentry added that the term 'academy' is synonymous with a school identified for special training or instruction in a special field or area; whereas the term "university" or "college" is better identified with where the academy is going in its transformation of the Noncommissioned Officer Education System.

"While there are still parts of NCOES [Noncommissioned Officer Education Sys-

tem] that focus on the training aspect, especially MOS specific training, we are placing more emphasis on educating the force at all levels of NCOES," said Command Sgt. Maj. Raymond Chandler, academy command sergeant major. "Starting with the Warrior Leaders Course all the way up to the Sergeants Major Course, we want to produce adaptive, critically-thinking NCOs capable of leading Soldiers well into the future."

The Sergeants Major Academy was founded on July 1, 1972, with one mission, to provide selected senior NCOs a broad and in-depth educational experience, designed to qualify

them for promotion to sergeant major and subsequent service to top level positions throughout the Army.

The mission of The Sergeants Major Academy today is to "serve as Training and Doctrine Command's lead for the Noncommissioned Officer Education System, executive agent for Structured Self-Development Program, and ensure quality training, education and professional development for the Noncommissioned Officer Corps."

While the academy does not currently grant academic degrees, it is a future goal of the institution. USASMA cur-

rently partners with several colleges and universities that grant undergraduate and graduate level credit for the Sergeants Major Course curriculum and also has degree programs specifically designed for the SMC.

Individuals wishing to comment on the proposed name change are asked to provide their suggestions via e-mail no later than June 30 to Sylvester Smith, director, Strategic Initiatives Group at [usasma.namechange@conus.army.mil](mailto:usasma.namechange@conus.army.mil).

The announcement of the new name for the academy is expected to occur during opening ceremonies for Class 60 of the Sergeants Major Course.

## JPEO CBD

From front page

Avoidance and who Johnston will work for directly.

"Her involvement in unit and garrison activities, official functions, formal events and her total commitment to the Army mission have enriched the lives of the students and Soldiers in the community," Schroer said.

Johnston's wife, Pam, also received flowers as a welcome to the Aberdeen Proving Ground community.

Schroer said that the change of charter ceremony is a long held tradition. The charter of the JPM represents the special trust and responsibilities that they hold as they perform these duties.

After the presentation Scarbrough gave remarks.

Scarbrough said that during Vogelhut's three years as a JPM he was instrumental in accomplishing three things.

Scarbrough said that in 2006, Vogelhut deployed to Operation Iraqi Freedom and participated in Warfighter forums to understand and to meet the urgent needs of all service CBRN forces. His team then managed the production build of 22 M93A1P1 Fox NBC Vehicles [survivability upgraded] and fielded the systems across the United States and in South-west Asia.

"This ultimately saved lives when these vehicles later encountered improvised explosive devices and survived the attack while conducting route reconnaissance operations," Scarbrough said.

In 2007 Vogelhut partnered with the Project Manager Stryker Brigade Combat Team to achieve an Extended Low Rate Initial Production approval from the Defense Acquisition Board for 95 additional Stryker Nuclear, Biological, Chemical, and Reconnaissance Vehicles. His team initiated the production of the NBCRVs and enabled the fielding of systems to 2nd Stryker Cavalry Regiment, 2nd Brigade, 25th Infantry Division and 4th Stryker Brigade Combat Team, 2nd Infantry Division for use in Operation Iraqi Freedom.

In 2008, Vogelhut led the effort to develop, test, and deliver the first Joint Nuclear Biological Chemical Reconnaissance System 2 (Dismounted) to the 12th Chemical Company, V Corps, in response to a Joint Urgent Operational Needs Statement. In 2009, his team fielded this capability along with the unit training and Soldier certifications to conduct sensitive site assessment and CBRN reconnaissance.

"To ensure this capability transitions to a program of record, Vogelhut led the Source Selection Advisory Council and recommended the selection for a \$711 million contract, awarded in record time without protest," Scarbrough said.

"His team is now providing the long-term development of CBRN Dismounted Reconnaissance and Monitoring and Surveying sets, kits and outfits."

After Scarbrough's remarks, Vogelhut was presented with mementos.

"The charter is a symbol of office and is physically located with the Product Manager," Schroer said. "For the Product Management Office, the man-

agement responsibility and authority is clearly defined by its character."

Scarbrough presented Vogelhut with his charter to keep as a memento of his services and the JPM, Reconnaissance and Platform Integration. He was also presented the Defense Meritorious Service Medal in recognition of his contributions during his tour of duty.

After Vogelhut received the medal, Scarbrough handed the new charter to Johnston, and then Johnston and Vogelhut gave remarks.

During Vogelhut's remarks, he thanked his family, friends and co-workers. He said that he enjoyed his time working at APG. He added that he felt like Johnston is well prepared for the job.

"I wish Lieutenant Colonel Johnston nothing but the best," he said.

During Johnston's remarks, he thanked people for coming to the event, and said that he is looking forward to getting to know the APG community.

"I am impressed with your dedication to the Warfighters," he said.

### Lt. Col. Vincent F. Johnston

Born in Fort Benning, Ga., Johnston was commissioned a second lieutenant in the Chemical Corps from the University of Tampa R.O.T.C. program in 1990.

From 1990 to 1998, Johnston served in various command and staff positions throughout Europe, Bosnia and the United States, including commanding the 25th/69th Chemical Company in Hanau, Germany. He transitioned with the Army Acquisition Corps in 1998.

Johnston graduated from the Univer-

sity of Tampa with a bachelor's degree and holds two graduate level degrees. He received a master's in business administration from the Naval Postgraduate School, Monterey, Calif., in 2004 and a master's in information technology and systems management from George Washington University in 2008.

Johnston's first acquisition assignment was with the office of the Program Manager for the Chemical Demilitarization where he served three years as the assistant project manager for the Chemical Stockpile Disposal Project. He then served two years as an APM and deputy manager with the Joint Program Executive Office for Chemical & Biological Defense managing several detection projects. He spent two years on the Army Staff as the Department of the Army systems coordinator for Chemical & Biological Defense Systems.

His military education includes the Chemical Officer Basic and Advance Courses, the Nuclear Target Analysis Course, the Combined Armed Service Staff School, the Command & General Staff School, the U.S. Army Materiel Acquisition Management Course and multiple DoD acquisition training programs in the program management, systems engineering, testing and contracting fields.

Johnston's awards include the Meritorious Service, the Army Commendation, the Joint Commendation, and the Army Achievement Medals. He also received the Armed Forces Expeditionary, Afghanistan, and the Iraqi Campaign Medals.

## APG News

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

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## Save a Life Tour gives Soldiers an eye opening experience

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

Advanced Individual Training Soldiers stationed at Aberdeen Proving Ground were shown that drinking and driving don't mix when the Save a Life Tour came to Downer Hall May 15.

The event was sponsored by the APG Army Substance Abuse Program office to educate Soldiers about the dangers associated with drinking and driving.

The multi-million dollar driving simulator has a split second delay in its monitors to replicate how a vehicle drives when the driver is intoxicated. The simulator also includes some difficult driving situations, and aggressive drivers, to replicate a real-life driving situation. An open casket set aside for the next DUI victim and huge posters with serious messages helps drive home the message.

The event kicked off with a briefing by Cejay Rich and Chris Geysbeck, who work for the Save a Life Tour, that featured a video depicting real-life tragedies.

Save a Life Tour has been to every state in the continental United States with the mission of showing people the consequences of drunk driving.

Geysbeck said that a designated driver should always be established ahead of time, before going to an event with alcohol.

"Auto accidents are the number one cause of death among teens," Geysbeck said. "Many people take drunk driving lightly, but it is a serious thing."

Geysbeck added that it is important to block distractions while behind the wheel. He said that many people let distractions like loud music, text messaging or calling [on cell phones] interfere with their driving, which has also contributed to a high number of accidents.

Geysbeck said that Soldiers have an important calling, and need to keep their mission in mind even when they are "off-duty." He reminded them getting in a drunk-driving accident which results in injury or death will impact

their mission.

"You need to make sure you are there for your fellow Soldiers," Geysbeck said.

He added that friends don't let friends drive drunk, so by taking the keys, they do not have an opportunity to take a life.

Private Kristy Crabtree, an AIT student from the 143rd Ordnance Battalion, said that the simulator felt like a real driving situation.

"It felt like driving a real car; it is a good simulation," Crabtree said. "With the drunk-driving simulator you really see how much your reaction time is off when you are intoxicated. I think that it is good that they had this for the Soldiers because sometimes when you have been drinking you don't realize how much the alcohol affects you until it is too late."

Vivian Jackson, an alcohol and drug abuse program technician, and Judith Smith, an installation biochemical testing coordinator, said that they felt like the program was excellent and relevant.

Smith said that young Soldiers are especially considered "at-risk" for drunk driving because they are exposed to new, stressful situations, like facing deployment for the first time.

"Everyone should take drinking and driving seriously and think, how I would live with myself if I wiped out a whole family," she said.

"I think that this simulation experience will help Soldiers pay attention and make better choices," Smith said. "When you are young, you think that nothing will happen to you. This program shows them that a drunk-driving accident could easily happen to you if you choose to drink and drive, or get in a car with a drunk driver."

Jackson added that even if a drunk driver does not cause an accident, DUIs are very expensive, and having one on your record could adversely affect employment in the future.

For more information on the Save a Life Tour, visit [www.savealifetour.com](http://www.savealifetour.com).



An open casket reserved for the next DUI victim, displayed during the Save a Life Tour, is a sobering reminder of the consequences of drinking and driving. The event was sponsored by the Aberdeen Proving Ground Army Substance Abuse Program office to educate Soldiers about the dangers associated with drinking and driving.



Private Marcus Borcharding, Company A, 143rd Ordnance Battalion, attempts to drive in the drunk-driving simulator at the Save a Life Tour at Downer Hall on May 15. The simulator recreated the sensation of driving under the influence of alcohol.



A group of cadets from the Patapsco Senior High School JROTC program looks at tanks from the present and the past while exploring the Ordnance Museum tank farm during a tour of Aberdeen Proving Ground April 29.

## JROTC students visit OC&S

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

Students from the Patapsco Senior High School Junior ROTC program got an up close and personal look at Army history, weapons and Soldiers during a visit to Aberdeen Proving Ground and the U.S. Army Ordnance Center and Schools April 29.

The group of more about 80 students toured the Forward Operating Base Wolverine training site in the Edgewood Area, the Ordnance Museum and Hatch-

er Hall in the Aberdeen Area. The tour included lunch at the dining facility in building 4503 and souvenir shopping at the Post Exchange.

Retired Command Sgt. Maj. Ronald Stallings, formerly the APG Garrison command sergeant major and currently the commandant of the high school's JROTC program, arranged the tour. Stallings said that more than 530 students in grades 9 thru 12 have graduated from the program, which is in its sixth year.

"We're expecting two hundred more next year," he said. "Our success is due to this program filling a void. These kids didn't have anything to belong to."

He said the curriculum is based on character development and leadership and that many of the graduates' younger siblings "can't wait to get to us."

"It's important to give young people a chance to lead," he said. "It gives them a whole different outlook on school."

This was the group's second visit to the proving ground, Stallings said. The JROTC commander Lt. Col. Bruce Kahl "wholeheartedly supports it."

"Trips like this give them an idea of military life," Stallings said. "Prior to this they may have no idea beyond what they see on

TV. We don't recruit for the military, but if that's their choice, we do try to help them."

Ordnance Museum director Dr. Joseph Rainer conducted the museum tour where they viewed firearms, tanks, vehicles and the remains of the famous ENIAC computer.

Cadet Lt. Nick Wiley said he had never been exposed to the military before and that he was impressed by "all the neat technology." He said he wants to be the president, and he plans to achieve this by first entering the military, attending law school, becoming a military attorney and then entering politics.

"I think I'm here to help people, and I can help my community, the nation and the entire world if I'm president," he said. "I have set my goals high thanks to ROTC, which has shown me I have leadership capabilities."

At Hatcher Hall, home of the Ordnance Mechanical Maintenance School's Conventional Weapons Division, the cadets explored Abrams and Bradley tanks, a Stryker Vehicle and the M109 Howitzer.

Weapons instructor Donald Baker, weapons technician Joe Davis Jr., and instructors Staff Sgt. Kurt Anderson and Sgt. Carlos Zalamea led the tour.



JROTC Cadets from Patapsco Senior High School gather around a French-made tank as museum director Dr. Joseph Rainer leads a tour of the Ordnance Museum.



Photo courtesy of JARAD WORMLEY

Jarad Wormley shows Navy JROTC students how the Common Ground Station works.

## Fort Monmouth interns show JROTC students 'high tech' side of the Army

Story by  
**SHARON RUSHEN**  
CERDEC

Using computer-based trainers and video games, two U.S. Army interns from Fort Monmouth, N.J., offered valuable insight into their work to 50 Junior Reserve Officer Training Corps students at the Army Experience Center, or AEC, in Philadelphia May 8 and 9.

Jarad Wormley and Jason Rudolph hoped to enlighten their ninth through 12th-graders on what it means to be in the Army from a software engineer's perspective. Other military presenters, including the U.S. Army Drill Sergeant of the Year, Sgt. 1st Class Herbert D. Thompson IV, provided views from other sectors of the Army.

After being split into groups of four, the Navy JROTC students from Roxborough High School and Army JROTC students from Ben Franklin High School spent the two days visiting 10 hands-on display stations that demonstrated different areas of the Army.

While some stations were dedicated to physical endurance, requiring students to do push-ups, others concentrated on math and geography tests. Rudolph and Wormley hosted the only stations that focused on technology.

During each of their 12, 10-minute presentations, Wormley and Rudolph spent an equal amount of time explaining the workings of each CBT and allowed the students to interact with the systems.

Both interns used CBTs, the software employed to prepare Soldiers for the different hardware configurations and software applications they will use in the field, to provide the students with an accurate Army experience.

"Kids can come in [to the AEC] and become acquainted with different types of Army equipment and various commercially available games just to get a feel for what it's like to be in the Army. So they wanted us there so that we could present our computer-based trainers and give them a more practical interpretation of what it means to actually be in the Army and undergo supplementary training," Wormley said.

As a software engineer for the Communications-Electronics Research, Development and Engineering Center's Software

Engineering Directorate, Wormley demonstrated the user-friendly nature of CBTs and gave an informative presentation on the Common Ground Station. Through the CBT, CGS operators are able to follow wiring configurations, set up hardware and become accustomed to the CGS operating system. His presentation incorporated a virtual portrayal of an actual high mobility multipurpose wheeled vehicle, which houses the CGS.

"I told them about the various systems that the CGS is capable of communicating with. We have antennas that receive data such as signal intelligence and moving target indicators. I explained that to them and told them that CGS is a system that takes all of that information, processes it and disseminates it out into the field, to the Soldiers, to the commander," Wormley said. "We get that information to the commander so that he can make a decision on whether or not to fire or whether to stand down."

Rudolph, an information technology specialist for the Software Engineering Center, gave a presentation on Joint Tactical Terminal CBTs. His station included radios and interactive video games that gave students a comprehensive look at Army software engineering.

"After they saw the big picture that is the CGS, they saw one of the incorporated systems, which is the JTT. My system, which is a radio, provides signals intelligence data to Jarad's system," Rudolph said. "There are two radios in my project, and one of them is basically shipped in two suitcases and the package is sometimes airdropped into the field. The JTT CBT shows both radios, including everything that is in the suitcases and how to set it up from scratch. It also covers how to plug in all the hardware, install the software and start receiving data."

Rudolph's station also featured a computer game that tested students on what they learned during his presentation.

"If you didn't gain the knowledge, you won't be able to beat the game. Our target audience is really freshman to senior-level high schoolers who are getting ready to graduate and join the Army. So it was really great to find a good target audience to get some valuable feedback," Rudolph said.

Although the event featured an Apache

helicopter and gave students the opportunity to play high-graphic Army video games, Rudolph and Wormley strongly believe that their demonstrations offered a unique and significant perspective, especially for the students with serious inclinations toward military service.

"That's not what everybody's going to see. Not everyone's going to do infantry, combat on the floor; not everyone's flying Apaches," Rudolph said.

"I mean, there were a lot of kids there who were realistically considering joining the Army, and they expressed uncertainty about what they were getting themselves into. Knowing that the Common Ground Station is out there to, in a sense, watch over them in the field and understanding that they're going to get some kind of formal and informal CBT training once they get into the Army, I think that was a lot more comforting to them and a lot more reassuring," Wormley said.

Rudolph and Wormley volunteered to go to the event after an Aberdeen Proving Ground employee, Nelson Gomez, sought representatives from SEC.

"They just wanted to get some recognition for the software-side of the Army, so that way the kids get more of a bird's eye view of everything the Army does," Rudolph said.

"I think they wanted [us] to bridge the gap, show them the difference between

See **HIGH TECH**, page 10

# Chapel News

## Commentary: Fathers are not alone

By

**CHAP (COL)  
RUBEN D. COLON JR.**  
Senior Chaplain, APG

I would like to start with a little poem that came to me from the

Rev. Martin Fors a few years back. It is called "Fathers Are Wonderful People."

*Fathers are wonderful people too little understood,*

*And we do not sing their praises as often as we should*

*For, somehow, Father seems to be the man who pays the bills,*

*While Mother binds up little hurts and nurses all our ills*

*and Father struggles daily to live up to his image*

*as protector and provider and hero of the scrimmage*

*And perhaps that is the reason we sometimes get the notion*

*That Fathers are not subject to the thing we call emotion,*

*But if you look inside Dad's heart, where no one else can see,*

*You'll find he's sentimental and as soft as he can be*

*But he's so busy every day in the grueling race of life,*

*He leaves the sentimental stuff to his partner and his wife*

*But Fathers are just wonderful in a million different ways,*

*And they merit loving compliments and accolades of praise,*

*For the only reason Dad aspires to fortune and success*

*Is to make the family proud of him and to bring them happiness*

*and like Our Heavenly Father, he's a guardian and a guide,*

*Someone that we can count on to be always on our side.*

The poem is about a model Family - with father and mother and children living together. What struck me about the poem, aside from its lovely attempt to praise fathers were the lines in the middle:

*"...we sometimes get the notion*

*That Fathers are not subject to the thing we call emotion,*

*But if you look inside Dad's heart, where no one else can see,*

*You'll find he's sentimental and as soft as he can be"*

Most fathers work long and hard to do their best for their Families, and for the most part their pains and their sorrows are hidden; as sometimes are their hopes and dreams and as they struggle to put bread on the table.

It is still the general thought to believe that fathers shouldn't express emotion, that they indeed leave the sentimental stuff to their wives.

But it is not so, for underneath, fathers, as much as mothers, feel deeply and are moved to emotions at special times.

We fathers get so caught up in the performance of duties, in fulfilling roles that we think are expected to be fulfilled, that we suppress our emotions.

We are busy every day trying to make a home and life for our Families.

We have expectations of ourselves and of our children, and the achievement and measurement of these things sometimes become more important than our inner selves and the inner and essential aspects of our children.

Performance becomes more important than the person, ability more important than attitude, learning more important than loving, and earning more important than enjoyment.

So, the net result is that we grow tired and depressed, while our children become alienated from us, never understanding why their daddy is away from them so much.

We easily burn out simply acquiring a reputation as being demanding and unappreciative of our children. But underneath is flesh and blood that grows tired and screams out for rest. It is hard to be a father, and it is hard to admit to this because men believe that they must be strong all the time.

A portion of scripture from First Kings introduces Elijah as a man who is worn out and at the end of his rope. He was exhausted. I Kings 19:1-18

Elijah had battled against the false prophets of the court of Ahab the King.

He had spoken against the idolatry fostered by Queen Jezebel.

He had performed his duties - he had lived up to his calling.

And as a result he was condemned to die by those angry with him; by those God had sent him to preach against.

And so he fled into the wilderness - alone - afraid - feeling sorry for himself - and lay down under a miserable old broom tree, a bush barely able to give shade to a bird, much less a man, and wishing that he was dead, telling God that he had enough, he fell asleep. And what happened?

An angel woke him up, baked a cake on hot stones and provided a jar of water.

Elijah ate and drank and lay down again. Again the angel woke him and he ate and drank.

v.7 ch 19...and the angel of the Lord came a second time and touched him and said, "Arise and eat, else the journey will be too great for you" and he rose and ate and drank, and went in the strength of that food forty days and forty nights to Horeb the mount of God"

Notice that the angel who ministers to him does not do 'spiritual' stuff, he does not say to Elijah, "Pray about it, Elijah, and you'll feel better."

No, the angel feeds him and makes him rest, telling him that if he does not, the journey will be too much for him.

Sometimes we just need to take time out. We really need to pause to eat and drink, to just stop and listen. To listen to the silence. To look for God in the calm - instead of in the midst of activity so that we can continue the journey we are on. Only then are we ready to refocus, to refresh, to remember what is important and what is not, only then can we be ready to be spiritually restored.

Sometimes that is what we fathers need to do. We need to take a time out, to get in touch with God, to listen to the silence rather than to the noise and the activity that comes and goes on around us.

One of my favorite stories, called "Priceless Scribbles," concerns a father who touched his child's life in an unex-

pected way.

It started this way:

"As my father walked into the living room, my brother cowered slightly; he sensed he had done something wrong. From a distance I could see he had opened my Father's brand new hymnal and scribbled all over the first page with a pen. Staring at my father fearfully, we both waited for his punishment.

My father picked up his prized hymnal, looked at it carefully and then sat down, without saying a word. (Books were precious to him; he was a minister with several academic degrees. For him, books were knowledge).

What he did next was remarkable. Instead of punishing my brother, instead of scolding or yelling, he took the pen from my brother's hand, and then wrote in the book himself, alongside the scribbles that John had made.

"How many times have I looked into your beautiful face and into your warm, alert eyes, looking up at me and thanked God for the one who has now scribbled in my new hymnal. You have made the book sacred, as have your brother and sister to so much of my life."

Wow!! I thought, what a punishment? The author goes on to say how that hymnal became a treasured Family possession, how it was tangible proof that their parents loved them, how it taught the lesson that what really matters is people, not objects; patience, not judgment; love, not anger.

These are the things that come to us as men, as fathers, as humans, when we pause to listen to the silence, when we stop and seek out God.

On Father's Day, remember to take some time to pause and listen to the silence and then, go on to do what God is calling us to do as parents, and be renewed in the strength that he provides.

## Letter to readers

The Henry Family thanks you:

"Thank you" just does not seem to be adequate enough to express our gratitude and appreciation for the efforts put forth by everyone at [the U.S. Army] Aberdeen Test Center and Aberdeen Proving Ground the day of the accident which took the life of our loving and devoted husband and father, Mark Henry.

We will always remember the day the caravan of cars drove up the driveway and parked. One of those people was Col. Jeffrey Holt. In the short time we have come to know Col. Holt, we have become aware of one thing: Aberdeen Test Center has acquired a great man. He will forever be a part of our lives. He has made such a lasting impression on us, as have so many others who are helping him make things happen.

He has been in contact with us since that very day, checking to see how we are doing and if there is anything else he could do. Our Family has learned so much about the ATC Family.

EVERYONE has gone to great lengths

to make things as easy as they can possibly be during this difficult time.

All of the folks at building 1089 were Mark's extended Family, and we hope they will continue to hang in there with us. They are the most loving, caring and wonderful people, who will forever be part of us. They, as well as so many at ATC and APG will keep us connected with Mark.

He loved his job and thrived on work. There were times when we had to wonder why he worked so hard. The answer is very clear now. He very much enjoyed what he did and had a great Family to share it with.

Again, "Thank You" just does not seem adequate in expressing our gratitude and love to each and everyone at Aberdeen Test Center and the Aberdeen Proving Ground.

Our Family will carry on in Mark's memory, working every day to try to make him proud of each of us.

*Trudy, Christopher, Curtis and Cody Henry*

# Maintaining environmental awareness during the summer

## Effects of outdoor activities on storm water

DPW

It's summertime again; the weather is hot and there has been an unusual amount of rain.

The Directorate of Public Works staff would like to remind the Aberdeen Proving Ground community of environmental stewardship regarding the impact that outdoor activities (pet walking, washing vehicles, changing oil, watering lawns and gardens, home improvements and cutting the grass) have on the storm water from APG that enters the Chesapeake Bay.



### Walking pets

Pet waste is a major contributor of bacterial contamination in streams and watersheds. The bacteria can pose health risk to humans and other animals and result in the spread of disease. Estimates show that watersheds of up to 20-square miles draining to small coastal bays--two to three days of pet droppings from a population of about 100 dogs would contribute enough bacteria and nutrients to temporarily close a bay to swimming and shell-fishing (US EPA, 1993). Pet wastes also contribute to the eutrophication of lakes. Nutrients being released from decaying pet waste promotes algae growth, limiting light penetration resulting in reduced oxygen levels in the water, affecting fish and other aquatic organisms. Pet owners should clean up after their pet.



### Washing vehicles

Vehicle washing produces unregulated discharges of nonylphenol ethoxylate - based detergents, greases and oils, heavy metals and salts - most of which flow to storm sewers that discharge to local rivers and lakes. To help minimize the impact on storm water, take vehicles to a local car wash that uses recycled water or when washing vehicles at home wash them on the lawn and less often. Be sure to turn the running water off while washing a vehicle and use soaps and cleaners labeled non-toxic, chlorine-free, phosphate-free or biodegradable.



### Changing oil

Motor oil picks up a variety of contaminants and heavy metals such as cadmium, chromium, lead, arsenic and dioxins during its use that pose significant risks to human health and the environment. It takes only one quart of oil to contaminate one million quarts of water (which is about half the size of an Olympic swimming pool), and a single automotive oil change produces four to five quarts of used oil.

Residents living on APG can work on their vehicles at the Auto Crafts shop. At the shop, fluids are recycled, and spills are prevented from entering the storm drain system.



### Watering lawns, gardens

Be careful not to over water lawns. Over watering allows pollutants and particles of soil or sediment to be picked up and carried into storm drains. Some grasses need more water than others, so home owners should determine the kind of grass they have before deciding to water their lawn. When watering the lawn, soak the grass through to the roots, not just the top of the blades. Water early in the day, especially as the weather warms, to reduce evaporation. Plant ground cover and water-wise plants and shrubs rather than grass on sloped ground. Use mulch to stabilize soil, prevent runoff, control weeds and hold in moisture.

### Home improvement

Outdoor home improvement activities can have a big impact on storm water if care is not taken when preparing the site for construction activities. Development activities decreases the amount of vegetation and increases the amount of impervious surfaces such as roads, sidewalks, driveways and roofs. Sediment from soil erosion and pollutants is washed away from the area and directly into streams and rivers.



Sediment build up is a major pollution problem in the Chesapeake Bay. Before starting any outdoor home improvement projects make sure to have the proper erosion and sediment control devices (silt fence, storm drain protection) in place.



### Grass cutting

Grass clippings clog storm sewers which can increase the risk of flooding. The clippings can decompose which uses up oxygen needed for the survival of aquatic life. The decomposing organic matter creates foul odors and taste in drinking water. To help prevent this from occurring, use a bagger when mowing lawns and sweep the streets, curbs and sidewalks more often.



### Signage on APG

Storm water sign maintenance and replacement on APG is an ongoing work effort. Anyone who knows of any storm drain signs that need to be replaced, or has any questions or issue regarding storm water, should contact Richard Wiggins, Directorate of Public Works Environment Division, 410-306-2279.

For more information about the APG storm water program and what to do to help reduce storm water pollution, visit [www.apg.army.mil/apghome/sites/directorates/ecd/StormDrain/index.htm](http://www.apg.army.mil/apghome/sites/directorates/ecd/StormDrain/index.htm).

# Community Notes

## WEDNESDAY AND THURSDAY JUNE 17 AND 18 SHOWCASE OF APG OPPORTUNITIES

Harford Community College will present a showcase of Aberdeen Proving Ground Technology and Research and Development Contract Opportunities, 8 a.m. to 5 p.m., June 17 and 18, at the Amoss Center, located on the grounds of Harford Technical High School, 200 Thomas Run Road, Bel Air, (across the road from Harford Community College). Learn about the capabilities and technologies at and coming to APG. Registration will be held 7 to 8 a.m., June 17, to allow time for networking and visiting exhibits. On June 18, registration begins at 7:30 a.m.

An update on APG 2012 will be given by Col. Jeffrey Weissman. Keynote speaker will be Maj. Gen. Paul S. Izzo, commander, U.S. Army Research Development and Engineering Command and APG. Tentative agencies that will brief agency overviews and contracting opportunities include RDECOM's U.S. Army Research Laboratory; Procurement Technology Assisting Center; U.S. Army Center for Health Promotion and Preventive Medicine; Primetime Subcontracting; U.S. Army Medical Research Institute of Chemical Defense and others.

For more information or to register, visit [www.harford.edu/apgshowcase](http://www.harford.edu/apgshowcase). Sponsorship information is also available on the site.

## FRIDAY JUNE 19 CREATURES OF THE BAY

The Chesapeake Heritage Conservancy, Inc. will offer a Sunset Cruise, 10 to 11:30 a.m., on the Skipjack Martha Lewis. Children ages 6 to 14 will see first hand some of the animals living in the bay, find and identify the tiniest creature. Terrapins, oysters, crabs, oh my! Tickets cost \$10 per person. Reservations are required.

For more information, for reservations or to purchase tickets, call 410-939-4078.

## BASKET AND PURSE BINGO

Basket and Purse Bingo to benefit Boy Scout Troop 802 of Aberdeen will be

held at the Aberdeen Fire Hall on Rodgers Street. Doors open 6 p.m., bingo begins 7 p.m. Tickets cost \$12 per person, extra packets cost \$5 each. There will be one-half bingo and one-half purse bingo games.

Bring a canned good or non-perishable food item for a bonus prize ticket.

For more information or to purchase tickets, call Brenda Conjour, 410-273-7332.

## SUNSET CRUISE

The Chesapeake Heritage Conservancy, Inc. will offer a Sunset Cruise, 7 to 9 p.m., on the Skipjack Martha Lewis. Tickets cost \$25 for adults and \$15 for children ages 10 and under. The ship will cruise around the Susquehanna flats area for a relaxing sail and a beautiful sunset. Reservations are required.

For more information, for reservations or to purchase tickets, call 410-939-4078.

## MARYLAND WINE CRUISE

The Chesapeake Heritage Conservancy, Inc. will offer a Maryland Wine Cruise, 7 to 9 p.m., on the Skipjack Martha Lewis. Tickets cost \$40 per person (21 years of age or older). The ship will take a 90-minute cruise around the Susquehanna Flats area offering wine from a local vineyard, cheese, fruit, beer and sodas. Reservations are required.

For more information or for reservations or to purchase tickets, call 410-939-4078.

## SATURDAY JUNE 20 FLEA MARKET

American Legion Edgewood Service Post 17 located on 41 Edgewood Road will sponsor a flea market every third Saturday of the month, 7 a.m. to 1 p.m. Table rentals are available for \$10 per table and parking spots cost \$10 donation each.

For more information or to make reservations, call Pam, 410-676-1147.

## BREWS AND CRUISE

The Chesapeake Heritage Conservancy, Inc. will offer Brews and Cruise, 7 to 9 p.m., on the Skipjack Martha Lewis. Tickets cost \$40 per person (must be 21 years of age or older). Passengers will be treated to a cruise around the Susquehanna Flats area and offered samplings of micro brews

from area breweries and munchies. Reservations are required.

For more information, for reservations or to purchase tickets, call 410-939-4078.

## BIG HOLDS JUNETEENTH PRAYER BREAKFAST

Blacks in Government Susquehanna Chapter in Aberdeen will hold a Juneteenth Prayer Breakfast, 9 to 11 a.m., at the Chesapeake Holiday Inn located at 1007 Beards Hill Road, Aberdeen. Guest speaker will be the Rev. James C. Williams, Pastor of Mt. Zion Baptist Church. Master of Ceremonies is Minister Horace Tittle of Gospel radios station WJSS 1330AM.

Entertainment will include praise dancing and singing. Tickets cost \$15 each and include a buffet-style breakfast.

For more information or to purchase tickets, call Jean Flores, 410-306-2318, Jackie Pitts, 410-436-3186, or Carol Bruce, 410-273-7940.

## SUNDAY JUNE 21 FATHER'S DAY CRUISE

The Chesapeake Heritage Conservancy, Inc. will offer a Father's Day Cruise aboard the Skipjack Martha Lewis. Three cruises will set sail: 11 a.m., 1 p.m. and 3 p.m. Treat dad to sandwiches, beverage and dessert. Tickets cost \$35 for adults and \$15 for children ages 10 and under. Reservations are required.

For more information, for reservations or to purchase tickets, call 410-939-4078.

## MONDAY THROUGH FRIDAY JUNE 22 THROUGH 26 VACATION BIBLE SCHOOL

The Edgewood Baptist Church located on 422 Edgewood Road, Edgewood, will host its annual Vacation Bible School, 6:30 to 9 p.m. every evening. Everyone from nursery school to seniors are welcome.

For more information or to register, call 410-676-5838.

## WEDNESDAY JUNE 24 PIT BEEF SALE TO BENEFIT BAYVIEW BURN FOUNDATION

The Aberdeen Area Fire Station

building 2200 and Edgewood Area Fire Station, building E-5180, will hold a pit beef sale, 11 a.m., until sold out. Cost for a combo meal is \$7 and includes a choice of pit beef, ham or turkey sandwich with potato chips and drink. Cost is \$6 for a sandwich only. Proceeds to benefit the Johns Hopkins Bayview Burn Foundation.

## SATURDAY JUNE 27 CAR AND MOTORCYCLE SHOW

American Legion Riders of the American Legion Edgewood Service Post 17, 415 Edgewood Road, Edgewood, will sponsor their Second Annual Car and Cycle Show. Register from 11 a.m. to 2:30 p.m. Pre-registration costs \$10 per person, \$12 on the day of the show. Listen to 50's, 60's and 70's music, noon to 5 p.m. Trophies will be awarded. No alcohol allowed to be brought on premises. Food for purchase includes pit beef, hamburgers, hot dogs, barbecue ribs; beer and sodas available for purchase in beer garden. Dash plates will be given to first 50 paid entries.

For more information, call Keith, 410-612-0202, or e-mail [ksandlass@comcast.net](mailto:ksandlass@comcast.net).

## SATURDAY-SUNDAY JUNE 27-JULY 5 KUTZTOWN FOLK FESTIVAL

The Kutztown Folk Festival is located at the Kutztown Fairgrounds, 225 North White Oak Street, Kutztown, Pa. The Festival is open 9 a.m. to 6 p.m., June 27 to July 5. Events include more than 200 of America's finest craftsmen and folk artists, food, quilts, entertainment, kids fun and much more. Cost of daily admission is \$12 for adults; \$11 for senior citizens ages 55 and older; children ages 12 and under are free; and an all week pass costs \$20 per person.

For more information or to request a free brochure, call 888-674-6136 or visit [www.kutztownfestival.com](http://www.kutztownfestival.com).

*(Editors Note: More calendar events can be seen at [www.apgnews.apg.army.mil](http://www.apgnews.apg.army.mil) under Community Notes.)*

## POST SHORTS

p.m., Monday through Friday, and 10 a.m. to 6 p.m. Saturday, Sunday and holidays.

### Post Office holiday hours

The Aberdeen Area Post Office hours on July 3 are 10 a.m. to 1 p.m., and the Edgewood Area Post Office will be closed.

### Notice of possible noise conditions

The U.S. Army Aberdeen Test Center at Aberdeen Proving Ground plans to conduct several large detonations which are likely to generate sound and/or vibration outside the installation boundaries.

The detonations are scheduled June 22 through 26.

If weather conditions are not favorable, firing will be rescheduled.

Questions should be directed to 410-278-1147 or 800-688-8705.

### Perry Point VA Job Fair

The Perry Point Veteran Affairs Medical Center's Vocational Rehabilitation Service, in cooperation with the Maryland Department of Labor, will host a job fair, 10 a.m. to 3 p.m., June 24, at the gymnasium, building 314.

The job fair is open to all active duty, retired, former service, Reserve/National Guard service members and their spouses. Admission and parking is free.

Attendees are encouraged to bring along their military identification and several résumés. Business attire is recommended.

For more information, contact the Perry Point VA Medical Center's Vocational Rehabilitation Service, 1-800-949-1003, extension 5725.

### RAB meeting at Vitali's Restaurant June 25

The Installation Restoration Program will hold its monthly Restoration Advisory Board meeting 7 to 9:45 p.m., June 25, at Vitali's Restaurant and Banquets, 1709 Edgewood Road and Route 24 in Edgewood.

The topic of the meeting will be an update on the Other Edgewood Areas Study Area.

Board meetings are open to the public; all APG employees and citizens are invited. For more information, call the Information Line, 410-272-8842 or 800-APG-9998.

### KUSAHC closes for Organizational Day

Kirk U.S. Army Health Clinic will close 11 a.m., July 17 for Organization Day and re-open July 20.

Patients are asked to plan accordingly for medication pickup and medical needs.

### BOSS Barbecue Bash

What better way of spending the day than going to a BBQ instead of work? Better Opportunities for Single Soldiers will hold a Barbecue Bash, noon to 4 p.m., June 26, at Fanshaw Field in the Aberdeen Area. All barracks Soldiers are invited to attend – free admission, free food, music, games, prizes and gift certificates. Attendees must contact a BOSS representative to sign up.

For more information, call Spc. Rios, acting BOSS president, 410-436-4335.

### Military Police Warfighter competition registration is open

Soldiers serving in the military police, corrections specialist and criminal investigation special agent career fields in both the active and Reserve components can register for the Army's 13th annual Warfighter Challenge.

The Warfighter Challenge is sponsored by the U.S. Army Military Police Corps Regiment and will be held Sept. 15 through 19 at Fort Leonard Wood, Mo. Each battalion or separate company may send one team. Teams consist of a staff sergeant, sergeant, or corporal team leader and two specialists or below.

For more information or to register, download the registration forms on AKO Online and send them to [leon.warfighter@conus.army.mil](mailto:leon.warfighter@conus.army.mil).

### KUSAHC closes for July 4, training holiday

Kirk U.S. Army Health Clinic will be closed July 3 for the Independence Day holiday and July 6 for the training holiday. It will re-open July 7.

Patients are asked to plan accordingly for medication pickup and medical needs.

For medical assistance during non-duty hours, call the Staff Duty Officer 410-278-1725. A referral is not neces-

sary if patient receives care in an Emergency Department.

### CPR Classes

Aberdeen Proving Ground Fire and Emergency Services offer CPR classes on APG.

Two classes will be held 9 a.m. to noon and 1 to 4 p.m., the third Wednesday of each month.

In the Edgewood Area, classes will be held at the Conference Center, building E-4810, Aug. 26, Oct. 21 and Dec. 16.

In the Aberdeen Area, classes will be held at the Post Theater July 15 and Nov. 18. Class size will be limited to 30 participants and will be filled on a first-come first-served basis. Pre-registration is required.

For more information or to register, call Raymond Campbell, 410-306-0566, or e-mail [raymond.b.campbell@us.army.mil](mailto:raymond.b.campbell@us.army.mil).

### www.dodtechipedia.mil connects colleagues

The conversation is already under way on <https://www.dodtechipedia.mil>, the new science and technology wiki for the Department of Defense. Connect with colleagues, share new ideas and learn about emerging technical challenges or contribute solutions. With more than 5,900 new users and 730 technology pages, all that is missing are contributions. Everyone can work together to create a resource that is up to date and valuable to the DoD-Techipedia community.

Joining the wiki is easy. DoD employees, DoD contractors, federal government employees or federal government contractors currently registered with DTIC have immediate access using their CAC or their DTIC User ID and password. If individuals are not DTIC registered users and have a CAC, a link to a quick registration is available on the login page of DoDTechipedia at <https://www.dodtechipedia.mil>. Individuals who do not have a CAC, must register through DTIC registration at <https://register.dtic.mil/DTIC>.

For more information, e-mail [dodtechipedia@dtic.mil](mailto:dodtechipedia@dtic.mil).

### Become a CBRNIAC Subject Matter Expert

The Chemical, Biological, Radiological and Nuclear Defense Informa-

tion Analysis Center, or CBRNIAC, maintains a database of Chemical, Biological, Radiological and Nuclear Defense and Homeland Security professionals who volunteer as Subject Matter Experts. From the Department of Defense, federal, state and local government agencies, research and development organizations, academia and private industry, CBRNIAC SMEs expand the resources available to the CBRN Defense and Homeland Security communities.

SMEs may be contacted by CBRNIAC inquiry analysts responding to questions in the individual's area(s) of expertise. At their option, SMEs may interact directly with a requester. If an individual's research, work, or operational experience fits into the CBRNIAC's technical scope, they will likely qualify as a CBRNIAC SME.

To apply as a SME, visit <https://ws-cbiac-apps2.cbiac.apgea.army.mil/cbrnstart/registerSME.do>. A brief resume or biographical sketch is optional.

For more information, call James M. King, Ph.D., 410-676-9030 or visit <http://www.cbrniac.apgea.army.mil>.

### APG holds Retiree Appreciation Day, Oct. 17

Military retirees and their Families are invited to attend the annual Retiree Appreciation Day 8 a.m. to noon, Oct. 17, in the APG Recreation Center, building 3326. The program will include a guest speaker, vendor tables, representations from military associations and support services from the installation.

For more information, contact Retiree Council Chairman, retired Lt. Col. Joe Traino, 410-436-6471 or e-mail [joseph.anthony.traino@us.army.mil](mailto:joseph.anthony.traino@us.army.mil); Co-Chairman, retired Sgt. 1st Class Richard Zalusky, 410-278-5036 or e-mail [richard.zalusky@us.army.mil](mailto:richard.zalusky@us.army.mil) or Retirement Services Officer retired Sgt. Maj. Drew Nobles, 410-306-2320 or e-mail [drew.nobles@us.army.mil](mailto:drew.nobles@us.army.mil).

The APG Retiree Council Web Site is also available at <http://apgretiree.com>. Any questions or comments concerning retiree issues can be e-mailed to [info@apgretiree.com](mailto:info@apgretiree.com).

*(Editors Note: More Shorts can be seen at [www.apgnews.apg.army.mil](http://www.apgnews.apg.army.mil) under Shorts.)*

# PTDS serves as surveillance force multiplier



Photo courtesy of U.S. ARMY  
The Persistent Threat Detection Systems, fielded by Product Manager Robotics & Unmanned Sensors, provides Warfighters with a high level view of the battlefield.

Story by  
**BRANDON POLLACHEK**  
PEO IEW&S PAO

“Thinking out of the box” is a term usually given to those who come up with a new and dynamic approach to a problem. However, there are times when the creative solution is not to develop something completely new, but to borrow from previously proven ideas and apply the best that modern technology has to offer.

Since the Civil War, when Union soldiers utilized hot air balloons to serve as a surveillance platform, lighter than air technology has been a part of the U.S. Army’s inventory.

As U.S. forces begin a troop surge in Afghanistan while maintaining security in Iraq the need to provide Soldiers with a persistent view of the battlefield is paramount.

As a part of the Secretary of Defense’s directed intelligence, surveillance and reconnaissance surge, one of the ways the Program Executive Office, Intelligence, Electronic Warfare & Sensors is providing Soldiers with the ability to understand their environment is with the use of the Persistent Threat Detection System, a large aerostat tethered to a mooring platform, which is accompanied by a ground control station. The system is equipped with both visual and audio surveillance technology.

“The great thing about the PTDS is that it delivers protection to Soldiers, Sailors, Airmen and Marines with its ability to provide persistent surveillance against potential threats over a wide area both day and night,” said Lt. Col. Terrence L. Howard, Product Manager Robotic & Unmanned Sensors. “Utilizing multiple sensors, the system delivers images to decision makers in near real-time full motion video allowing for eyes on target.”

PTDS acts as a force multiplier for commanders on the ground as it can be utilized to scan large areas of terrain for potential insurgent activity while interacting with various other sensors to give a complete picture of potential threats. Information collected by the system is distributed to Soldiers via various routes including the Distributed Common Ground System-Army, which is an intelligence tool.

Convoy protection, counter-IED and a real-time perspective of engagements with the enemy are among the roles PTDS play for troops on the ground.

“The Soldier deserves to have an awareness of what is happening on the ground and to do that they need a mix of capabilities,” noted Howard.

The system operates 24 hours a day utilizing a crew of five operators working 12 hours shifts. With an ability to reach heights of one mile, PTDS offers the user a vast perspective of the battlefield while remaining out of the range of most enemy threats.

Originally fielded as a quick reaction capability in 2004 the systems are now located at various forward operating bases throughout Afghanistan and Iraq and have become more prevalent as the Army has increased its focus on ISR assets.

## High tech

From page 5

actual games and what it means to have a real computer-based trainer that people in the Army actually use,” said Wormley.

The AEC is a 14,500-square-foot facility in Philadelphia’s Franklin Mills Mall that uses interactive technologies and simulations along with online and in-person learning programs to inform its guests about opportunities in the U.S. Army.

The AEC is open to the public year round and staffed with enlisted Soldiers and retired veterans. Although the AEC does not recruit for the Army, Rudolph believes it is a significant tool to increase Army visibility and educate students.

“The more exposure, the better. The Army does a lot of advertising on TV, but it’s just a commercial. Everyone who works in the AEC is an enlisted officer, so they can give you feedback on what boot camp is like and tell you what it’s like to be deployed if some of them have,” Rudolph said. “Also, they have things there like a salary calculator so you can input various aspects of your life, and it will compare your salary to what you would get for the same job as a civilian. They don’t put pressure on you to sign up because they can’t recruit you there, so it’s just a place to get exposure and for the kids to get information.”

Rudolph and Wormley both agreed that visits like theirs were important in the effort to educate adolescents about the Army, a fact that became especially apparent to them when hearing some of the students’ reactions to their presentations.

“A lot of the students would say, ‘Wow! I didn’t know that the Army did so much; I just thought that the Army was running around shooting at people. I didn’t realize that you guys had this much high-tech stuff.’ A lot of the kids were amazed by that. At the end of the day, that meant a lot to me,” Wormley said.



# Health Notes

## Recognize symptoms, prevent heat injury



Story by  
**SAM REYNOLDS**  
U.S. Army Combat Readiness/  
Safety Center

The weather forecasters are predicting another hot summer. July, August and September are commonly the hottest months of the year, so it's best to prepare for the summer's heat.

Each year, heat illness and injury pose a significant threat to Army personnel, both on and off duty. Soldiers are exposed to hot environments during deployments and training events and, when off duty, they and their Families are exposed to the summer heat dur-

ing outdoor activities.

Between 2004 and 2008, heat-related injuries were diagnosed at more than 300 medical facilities worldwide. However, 14 facilities treated at least 200 cases each and accounted for approximately 60 percent of all cases. Since 2005, rates of heat stroke have been fairly stable, and rates of heat exhaustion have slightly declined. In recent years, annual numbers of hospitalized cases (the most clinically severe) of both heat stroke and heat exhaustion have been stable.

Military activities in hot and humid environments are persis-

tent, significant threats to the health and operational effectiveness of service members. Of all service members, the youngest and most inexperienced are at highest risk of heat related injuries.

It is especially important for Soldiers to remember how to protect themselves, their battle buddies and their Families from heat-related injuries.

Early recognition of heat injuries is critical to prevent progression to more serious heat injury and death, according to Col. John Campbell, U.S. Army Combat Readiness/Safety Center command surgeon.

Minor heat illnesses such as heat cramps are the first sign of heat injury and can lead heat exhaustion which can in turn lead to a major heat injury like heat stroke.

Heat cramps are painful muscle spasms that occur in the abdomen, arms or legs. They affect those who sweat profusely in the heat and drink large quantities of water, but fail to adequately replace the body's salt loss.

Heat exhaustion is the most common heat injury. A person suffering from heat exhaustion still sweats but experiences extreme weakness or fatigue, nausea or headache. An individual suffering from heat exhaustion may have clammy and moist skin, pale or flushed complexion with a normal or slightly elevated body temperature. Other warning signs may include heavy sweating, unsteady walk, dizziness, giddiness, rapid pulse and shortness of breath.

Heat stroke is the most serious heat injury associated with hot environments. It occurs when the body's temperature regulatory system fails and sweating becomes inadequate. The body's only effective means of removing excess heat is compromised with lit-

tle warning to the victim that a crisis stage has been reached. A heat stroke victim's skin is hot, usually dry with no sweating, red or spotted and their body temperature is usually 104 degrees Fahrenheit or higher. Other warning signs include rapid, strong pulse, mental confusion, throbbing headache, dizziness or nausea. Symptoms can quickly progress to loss of consciousness, coma or seizure. Heat stroke is a medical emergency and can lead to death.

"Leaders and Soldiers must do more than just have water available," Campbell said. "Heat injury prevention is a command and leadership as well as a personal responsibility. Learn to recognize the signs and symptoms of heat injuries and what you can do to protect yourself and your Family."

Additional information and valuable heat injury prevention resources such as posters, videos, and pocket guides are available on the U.S. Army Combat Readiness/Safety Center's Web site, <https://safety.army.mil> or through the U.S. Army Center for Health Promotion and Preventive Medicine Web site, <http://chppm-www.apgea.army.mil/heat/>.

## Commentary: Preventing automobile heat injury

By  
**BOB BESSETTE**  
IMCOM Northeast

We all have daily routines that help keep us on track. Be extra careful, though, if you have to change any part of that routine. This is more likely to happen when you, your spouse, or other caregiver who helps with your children, forget that a child is in the back seat. This can and does happen when routines are changed or modified.

For example, you are on your way home and realize you need to stop in at the store and pick up one or two things for dinner. You leave your child unattended, thinking, "I'll just run into the store for a minute." Even cool temperatures in the 60s can cause the temperature to rise well above 110 degrees Fahrenheit inside your car. These elevated temperatures can be dangerous to children, pets or other passengers.

Car windows act like a greenhouse, trapping sunlight and heat.

A May 2004 report by the National Highway Traffic Safety Administration indicated that approximately 25 children a year die as a result of being

left or becoming trapped in hot vehicles.

"Cars parked in direct sunlight can reach internal temperatures up to 131° F - 172° F when outside temperatures are 80° F - 100° F," the report states.

When the outside temperature is 83 degrees Fahrenheit, even with the window rolled down two inches, the temperature inside the car can reach 109 degrees Fahrenheit in only 15 minutes.

"Within the first ten minutes the temperature in an enclosed vehicle will rise an average of nineteen degrees or eighty-two percent of its eventual one hour rise," according to the report.

In warm weather, a vehicle can warm to dangerous, life-threatening levels in only 10 minutes.

### Safety tips

- Teach children not to play in, on or around vehicles.
- Never leave a child unattended in a vehicle, even with the window slightly open.
- Always lock a vehicle's doors and trunk - especially at home. Keep keys and remote entry devices out of children's reach.
- Watch children closely around

vehicles, particularly when loading and unloading. Check to ensure all children leave the vehicle when you reach your destination. Don't overlook sleeping infants.

- Be especially careful if you're dropping off infants or children at day care if that's not part of your normal routine.

- Place something that you'll need at your next stop, for example a purse, lunch, gym bag or briefcase on the floor of the backseat where the child is sitting. This simple act could help prevent you from accidentally forgetting a child.

- When you get home, bring your child/infant inside the house first and then carry in the groceries or other items so that you don't get distracted inside the house and forget your little one outside in the car.

- Leave pets at home when running errands. They are susceptible to heat injuries too.

Be on alert for cars that might have an unattended child left inside. If you see a child alone in a car, be sure to call 911 immediately and help make sure the child gets out as soon as possible.

Working together, we can keep children safe to enjoy summer fun.

## Heat and alcohol – a bad mix

Story by  
**ALEXIS D. WASHINGTON**  
TRICARE Management Activity

Great weather and long days are key ingredients for a good time. Barbecues, pool parties and trips to the beach are a few common hot weather activities. Summertime is packed with outdoor activities in sweltering summer weather.

One way people often deal with the heat is to reach for a cold drink containing alcohol. But, extreme heat and alcohol can be a recipe for injuries, illness and even death.

Alcohol lowers the body's tolerance for heat and acts as a diuretic—meaning it speeds up dehydration—and affects the body's ability to regulate its temperature. The body loses needed fluids through the urination alcohol induces. If fluids in the body are not replaced, dehydration can be life-threatening.

Alcohol also raises the body's blood pressure, increasing the risk of a heat-related illness like hyperthermia (over heating) and heat stroke (especially for people with high blood pressure).

Signs and symptoms of dehydration include:

- Dry lips and tongue
- Headache
- Weakness
- Dizziness
- Extreme fatigue
- Dark urine
- Nausea
- Muscle cramps

Alcohol can affect the central nervous system. It impairs a person's judgment, which can interfere with the ability to make smart choices. Impaired judgment causes a loss of inhibitions and may lead to dangerous behavior.

Alcohol also influences balance and coordination and its effects are heightened by sun exposure and heat. Simple decisions, such as the right time to go inside to get out of the heat or when to drink more water, can be overlooked.

Judgment impaired by alcohol is a leading factor in deaths associated with water recreation. The Centers for Disease Control and Prevention report alcohol use is involved in up to half of adolescent and adult deaths associated with water recreation and about one in five reported boating fatalities.

TRICARE wants beneficiaries to enjoy the summer season responsibly. The recipe for summer fun is good weather, long days and healthy alcohol-related decisions.

Get more information about alcohol consumption at [www.tricare.mil/alcoholawareness](http://www.tricare.mil/alcoholawareness).

## 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); and OPM 630-B, Request to Donate Annual Leave to Leave Recipient Under the Voluntary Leave Transfer Program (outside agency). For more information, call Carolyn Russell, 410-278-5327, fax 410-278-9176, or e-mail [carolyn.russell2@us.army.mil](mailto:carolyn.russell2@us.army.mil).

### Employees eligible for donations in the Voluntary Leave Transfer Program

Debra Bonsall (daughter has brain tumor)	Meg Downey	Sinclair Joe	Cindy Orwig
Jeanie Bowman	Wayne Erb	Janet Kipp	Mary Pettitway
Georgia Braun	Rita Fowler	Lillian Mantilla	Gloria Scott
Michelle Brooks	Marilyn Grebe	Joy Meadows	Ron Spencer
Kimberly Carns	Erin Griffin	Frantz Midy	Willie Stevenson
Joyce Clark	Linda Hindman	Karen Milton	Lavonne Telsee
John Daigle	Beverly King (caring for husband)	Deborah Moore	Darlene Treston
Bonnie Day	Kari Jackson	Richard Morris	Jamie Turner
		Marie D. Nowak	Barbara Zenker

## GAPG Web

From front page

the bold move, and this is what we came up with."

Besides the appearance, the site's best feature is that more information is accessible from the front page, he said.

"The most significant difference is that information on the front page once was buried layers down – some three to five pages deep. Our main goal was to provide one-click information."

He said the undertaking was a "major process" that involved more than just the page design but everything that goes on in the "background" as well.

"It's a very involved process, first deciding what goes on the page, then

figuring out how to make it work and making it compatible with our system. At the same time, we wanted to keep it fresh, crisp and appealing to people. This is a living, breathing representation of GAPG, and we welcome input from users as to how we can make it more useful and meaningful."

Lockard noted that the site is the APG Garrisons' and that his office will be collaborating with the U.S. Army Research, Development and Engineering Command on an installation Web site in the near future.

"The installation Web site will represent the whole installation and the garrison's will be a link from that," he said.

Users can add comments or suggestions to the new garrison Web site by clicking on the ICE icon or on the "Comments" link at the bottom of the front page.

Lockard said that others who worked on the project from the DOIM included Mikey Graziano, Webmaster; Mark Evans, Tim Hogue, Mary Jane Lepowski and Debbie Young.

Formerly part of the DOIM, the Visual Information Services Center now comes under the Garrison's Directorate of Plans, Training, Mobilization and Security. Garrison photographers Kief and Bridges collaborated on the site's design, as well as graphic designer Diane Burrier. Kief said that after first checking to see what other installations were doing with their Web sites, they realized that others were not following the IMCOM standard.

He said his role was building the template, while Bridges worked on the actual appearance and that Bridges came up with the basic design while he built it from that, using Photo-

Shop to make the graphics. The two worked together on coloration and color schemes, Kief said.

"Then, I took the graphics and built the HTML [Hypertext Markup Language] using Adobe Dreamweaver software," he said.

With full-time missions, they worked on the project whenever they found the time.

"It took a long time," Kief said, "and when we were done we turned it over to [the DOIM]."

He said the focus was to provide the community with something easier to use. "On the old site, everything was buried so deep – up to five pages. I don't think anything should be more than three pages deep," Kief said.

"We tried to build it in a way that people wouldn't have to do a lot to use it, and I hope we've provided something that's easy to use and that makes sense."

# Drinking Water Quality Report calendar year 2008

DSHE

## About this report

This annual report regarding the quality of water delivered to the Edgewood Area of U.S. Army Garrison, Aberdeen Proving Ground is for the period of Jan. 1, through Dec. 31, 2008 (except where noted). Under the "Consumer Confidence Reporting Rule" of the Federal Safe Drinking Water Act, community water systems are required to report this water quality information to the consuming public. Presented in this report is information regarding the source of our water, its constituents and the health risks associated with any contaminants detected in quantities exceeding a drinking water regulatory maximum contaminant level, action level or treatment techniques.

## Definitions

- **Action Level (AL)** - The concentration of a contaminant that, if exceeded, triggers treatment or other requirements that a water system must follow.
- **Maximum Contaminant Level (MCL)** - The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLG as feasible using the best available treatment technology. Contaminants in drinking water, if detected, must be present in levels below the MCLs in order for the system to be in compliance with state and federal regulations.
- **Maximum Contaminant Level Goal (MCLG)** - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. Note that MCLGs are goals and not regulatory limits. Public drinking water systems are not required to meet MCLGs.
- **Treatment Technique (TT)** - A required process intended to reduce the level of a contaminant in drinking water.

## Monitoring of drinking water

The drinking water being delivered is pumped from Winters Run and treated by the Van Bibber Water Treatment Plant located at building E-6110 on Route 755 (Edgewood Road), Edgewood, Md.

The water system uses only EPA-approved laboratory methods to analyze the drinking water. Directorate of Public Works Environmental Division personnel collect water samples from the distribution system and from the Van Bibber

Water Treatment Plant. Samples are then shipped to the accredited laboratory where a full spectrum of water quality analyses is performed. The results are reported to the Maryland Department of the Environment. In the Edgewood Area, they monitor for the contaminant groups listed in TABLE 1 using EPA-approved methods. TABLE 1 also lists the monitoring frequencies for these contaminant groups.

**TABLE 1. Contaminant Groups and Monitoring Frequency**

Contaminant Group	Monitoring Frequency
Disinfection By-Products (DBP)	Quarterly
DBP Precursors (DBPP)	Monthly
Inorganic Contaminants (IOC)	Once Per Year
Lead and Copper (L&C)	Once Every 3 Years
Microorganisms & Turbidity (M&T)	Daily
Radionuclides (RAD)	Once Every 4 Years
Synthetic Organic Compounds (SOC)	Twice Per Year
Unregulated Contaminants (UNREG)	Once Every 5 Years
Volatile Organic Compounds (VOC)	Once Per Year

## Contact information:

Questions regarding the information contained in this report may be directed to:

- George Mercer – Public Affairs Office, 410-278-1147
- Richard Wiggins – Directorate of Public Works, Environmental Division, 410-306-2279

## Edgewood Area Water Quality Data (Van Bibber Water Treatment Plant)

Table 2 lists the contaminants detected in the Edgewood Area drinking water distribution system during calendar year 2008 or, in some cases, during the most recent sampling period. DPW/ED routinely monitors for a number of contaminants in the water supply to meet regulatory drinking water compliance requirements. Table 2 lists only those contaminants that had some level of detection. The drinking water has been analyzed for many other contaminants as well, but they were not detected in the Edgewood Area drinking water distribution system during 2007 or the most recent sampling period.

The highest running annual average detected during 2008 is reported in the "Level Detected" column and the range of individual results is presented in the "Range Detected" column.

Removal of DBPP is monitored by measuring Total Organic Carbon before and after treatment and computing a removal ratio. A ratio > 1 indicates compliance with TOC removal requirements. The running annual average ratio for the Edgewood Area system is presented in the "Level Detected" column with the range of monthly running annual average ratios presented in the "Range Detected" column.

The detected level of these inorganic contaminants (IOC) is presented in the "Level Detected" column. Because IOCs are monitored once per year, the range of detections is not applicable or N/A.

Compliance for these parameters is demonstrated by comparing the 90th percentile of results to the regulatory Action Level for each parameter. This 90th percentile value is reported to you in the "Level Detected" column. This value represents the concentration that 90 percent of the sites (not values) were below during the most recent round of monitoring (2006). The total number of individual sites that exceeded the Action Level are presented in the "Range Detected" column.

Turbidity is a measure of the cloudiness of the water. DPW/ED monitor it because it is a good indicator of the effectiveness of the filtration system. The percentage of the samples analyzed was below required levels; therefore this percentage is reported in the "Level Detected" column. The range of detected levels is presented in the "Range Detected" column.

## Additional notes regarding your drinking water

Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause blue-baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. Anyone caring for an infant, should ask advice from a health care provider.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing.

APG is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When water has been sitting for several hours, to minimize the potential for lead exposure flush the tap for 30 seconds to 2 minutes before using water for drinking or cooking. If concerned about lead in drinking water, have the water tested.

Information on lead in drinking water, testing methods, and steps to take to minimize exposure is available from the EPA Safe Drinking Water Hotline at 1-800-426-4791 or at <http://www.epa.gov/safewater/lead>.

## How impurities get in the water supply

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include:

- **Microbial contaminants**, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.
- **Inorganic contaminants**, such as salts and metals, which can occur naturally or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
- **Pesticides and herbicides**, which may occur from a variety of sources such as agriculture, urban storm water runoff and residential uses.
- **Organic chemical contaminants**, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can come from gas stations, urban storm water runoff and septic systems.
- **Radioactive contaminants**, which can be naturally occurring or the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the Environmental Protection Agency prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration regulations establish limits for bottled water, which must provide the same protection for public health.

Consumers should be aware that drinking water, including bottled water, might reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline, 800-426-4791.

## Acronyms used throughout this report:

AL.....	Action Level	N/A.....	Not Applicable
APG.....	Aberdeen Proving Ground	ND.....	None Detected
DBP.....	Disinfection By-Products	NTU....	Nephelometric Turbidity Unit
DBPP.....	DBP Precursors	pCi/L.....	picocuries per liter
DPW/ED...	Directorate of Public Works Environmental Division	ppb.....	parts per billion
HAA5.....	Haloacetic Acids	ppm.....	parts per million
IOC.....	Inorganic Contaminants	RAD.....	Radionuclides
L&C.....	Lead and Copper	SDWA.....	Safe Drinking Water Act
M&T.....	Microorganisms & Turbidity	SOC....	Synthetic Organic Compounds
MCL...	Maximum Contaminant Level	TT.....	Treatment Technique
MCLG.....	Maximum Contaminant Level Goal	TTHM.....	Total Trihalomethanes
MDE.....	Maryland Department of the Environment	UNREG.....	Unregulated Compounds
		VOC.....	Volatile Organic Compounds

## Special health information for immuno-compromised persons

The APG Directorate of Public Works continually monitor the drinking water for contaminants. The water is safe to drink. However, some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, persons with HIV/AIDS or

other immune system disorders, some elderly and infants can be particularly at risk from infections. These persons should seek advice about drinking water from their health care providers. EPA guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline, 800-426-4791.

**TABLE 2. Contaminants detected in Edgewood Area drinking water during calendar year 2008**

Substances Detected (units)	Group	Level Detected	What's Allowed? (MCL)	Exceed the Limit?	Range Detected	What's the Goal? (MCLG)	Typical Source of Contaminant
TTHM (ppb)1	DBP	47.2	80	NO	18.1-72	N/A	By-product of drinking water chlorination
HAA5 (ppb)1	DBP	40.0	60	NO	ND-83	N/A	By-product of drinking water chlorination
TOC (removal ratio)2	DBPP	1.03	TT	NO	1.00-1.19	TT	Naturally present in the environment
Barium (ppm)3	IOC	0.027	2	NO	N/A	2	Erosion of natural deposits
Fluoride (ppm)3	IOC	0.49	4	NO	N/A	4	Water additive to promote strong teeth
Nitrate (ppm)3	IOC	2.4	10	NO	N/A	10	Runoff from fertilizer use
Lead (ppb)4	L&C	11	15 (AL)	NO	2	0	Corrosion of household plumbing systems
Copper (ppm)4	L&C	0.150	1.3 (AL)	NO	0	1.3	Corrosion of household plumbing systems
Turbidity (NTU)5	M&T	97.2%	TT	NO	0.02-1.01	TT	Soil runoff
Gross Alpha (pCi/L)6	RAD	0.43	15	NO	N/A	0	Erosion of natural deposits
Radium-226 (pCi/L)6	RAD	0.22	5	NO	N/A	0	Erosion of natural deposits
Radium-228 (pCi/L)6	RAD	0.42	5	NO	N/A	0	Erosion of natural deposits
Chlorine (ppm)7	VOC	0.78	4	NO	0.2-2.25	4	Water additive to control microbes
Atrazine (ppb) 8	SOC	0.1	3	NO	ND-0.1	3	Runoff from herbicide

sented in the "Range Detected" column.

The detected level of these contaminants is presented in the "Level Detected" column. Because these contaminants are monitored once every four years, the range of detections is not applicable.

Chlorine is added to drinking water to control the presence of microorganisms. The standard by which compliance with chlorine levels is determined is called the maximum residual disinfectant level. The MRDL is

the level of a drinking water disinfectant below which there is no known or expected risk to health. The annual average chlorine level is presented in the "Level Detected" column with the range of detected concentrations presented in the "Range Detected" column.

The detected level of these synthetic organic contaminants is presented in the "Level Detected" column and the range of detected levels is presented in the "Range Detected" column.

## THE WATER IS SAFE TO DRINK

The tables in this report indicate that the water provided by APG and by Harford County had no violations during calendar year 2008. Through monitoring and testing some contaminants have been detected, the EPA has determined that **THE WATER IS SAFE AT THESE LEVELS.**



# FAMILY AND MORALE, WELFARE & RECREATION

## Activities/Events

### Partial closure of Hoyle Fitness Center

Parts of the Hoyle Fitness Center, building E-4210, will be closed for approximately three weeks beginning June 22 so that all the hardwood floors in the facility can be refinished.

Areas that will be closed include the issue room, basketball court, racquetball courts, weight area (behind the issue room), nautilus room, cardio room, boxing area, men's new locker rooms, ladies locker room and the sauna.

Patrons will enter the Hoyle Gymnasium on the east side (parking lot side) of the building about 50 feet to the right of the current entrance. The south side of the facility will remain operational during this work.

The hours of operation will remain the same, 5 a.m. to 8 p.m., Monday through Friday, and 10 a.m. to 6 p.m. Saturday, Sunday and holidays.

### 2009 Army Arts and Crafts Contest

The Army Arts and Crafts Contest is an annual, juried competition of two- and three-dimensional artwork held in separate groups for novice and accomplished artists and artisans. All authorized patrons of Family and Morale, Welfare and Recreation are eligible to enter.

Rules for submission of entries, as well as entry forms can be downloaded from <https://artscrafts.fmwrc.army.mil>, or at the Arts and Crafts Center.

Entries must be submitted to Arts and Crafts Center, building 2407, 410-278-4207 no later than 4 p.m., June 30.

### Amateur Boxing Night June 20

Better than the 'Thrilla in Manila.' See the 16th Ordnance Battalion and the 143rd Ordnance Battalion hit the ring June 20 at the Aberdeen Area Athletic Center, building 3330. Doors open 6 p.m., the event begins at 7 p.m. Tickets cost \$5 for active duty military; \$10 for nonmilitary; and \$20 for ringside seats. Children under 6 are admitted free.

This event is open to the public. Purchase tickets at FMWR Registration, building 3326, 410-278-4011/4907 or Stark Recreation Center, building E4140, 410-436-2713.

### CYSS Youth Soccer registration

Youths ages 4 through 14 can register for boys and girls soccer teams. Walk-in registration will be held 7:30 to 10

## Ruggles Golf Course grand re-opening 3-day event begins tomorrow

### June 19

Demonstration Day, 12:30 to 7:30 p.m. events include a ribbon cutting ceremony at 1:30 p.m. The Sutherland Grill will provide food and refreshments. A complimentary 9-hole Golf Scramble will be held 2:30 p.m.; a tasting event 5 to 7 p.m.; and a Long Drive Contest on the driving range, 6:30 p.m.

### June 20

Complimentary tips from the pro's takes place 7:45 to 8:45 a.m. There

will be a two-Man Scramble Outing, 9 a.m.; Shotgun Putting Contest for \$1 million hole-in-one prizes; four technical prizes – Longest Drive, Closest to Pin. Sutherland Grill will provide continental breakfast and lunch. U.S. Open golf coverage will be displayed on HD TVs.

### June 21 Golf with Dad special

Recognize dad this year by bringing him to Ruggles Golf Course for a morning of golf. Cost for private through sergeant (active duty) is \$50 per person;

sergeant first class through captain (active duty) is \$60 per person; and for all other authorized patrons is \$65. Prices include greens fee and golf cart.

For more information, call 410-278-4794, or e-mail [debra.long1@us.army.mil](mailto:debra.long1@us.army.mil).



a.m., through June 29; appointments are needed for registration 10 a.m. to 4 p.m.; call Aberdeen Area Central Registration, building 2752, 410-278-7571/7479, or call John Lee, 410-436-7131, Edgewood Area Youth Center, building E-1902.

Age groups include 4 to 5; 6 to 7; 8 to 9; 10 to 11; and 13 to 14 (age as of July 31, 2009). Games will be held Saturdays and practices held weeknights. Practices begin the week of July 27.

For more information, call Bill Kegley, 410-306-2297.

### Build a Better Budget Workshop

Army Community Service will hold a Build a Better Budget Workshop, 6 to 7:30 p.m., June 24, at ACS building 2754. The workshop is free.

For more information or to RSVP by June 22, call Arcelio V. Alleyne, 410-306-2450.

### Ski Roundtop Mountain Adventures

Ski Roundtop is not just for winter fun. Located at 925 Roundtop Road, Lewisberry, Pa., Ski Roundtop offers summer fun adventures that include the Vertical Trek, Sky Ride, Bumper Boats and more.

The Vertical Trek, Sky Ride and bumper boats are open Wednesday through Sunday through Aug. 23; Beginning Aug. 29, activities are open weekends only, 10 a.m. to 6 p.m.

The Vertical Trek takes 2.5 hours to

## New rules for reserving picnic areas

- Picnic sponsors must submit a roster of non ID card visitors names no later than two weeks in advance of picnic date.
- All invited visitors must enter through the 715 Gate and proceed to entrance station #5 (last station on the right when entering the installation).
- All adults and youths 16 years and older must present a valid photo identification.

An FMWR representative will use roster to check in visitors attending picnic. Any visitor not on the roster will be directed to the Visitor Center, where they must follow visitor entrance procedures.

### New entrance to Maryland Boulevard Picnic Area

After passing through the gate or leaving the Visitor Center, visitors should get into Maryland Boulevard's farthest left lane as soon as possible. Turn left on to Deer Creek Loop Road (second traffic signal).

Travel .4 mile to the "Y" intersection of Gadsden Road and Deer Creek Loop. At "Y," take the left to stop sign. Turn left onto Gadsden Road.

Drive to the next stop sign. Continue straight as the road turns to gravel a few hundred feet after the stop sign.

Drive for 1.2 miles to reach the park. Stay on the main gravel road.

For more information or for directions to other picnic areas, call 410-278-4124.

complete; it begins with a chairlift ride to the top of the mountain, then participants descend more than 600 vertical feet using a series of zip lines (up to 300 feet in length), rappelling, rope bridges, tarzan swings, cargo nets and scenic walks.

Reservations are strongly recommended. The Vertical Trek is for ages 10 and up. All participants must weigh between 70 and 250 lbs. Tickets cost \$44 each.

For more information or to make reservations, call 717-432-9631, ext. 3723.

Adventure Packages are also available for adults ages 11 through 64 at \$34 per person and for children ages 5 through 10, at \$24 per person and include admission for one OGO ball ride, summer tubing, treehouse zips, the woods, bumper boats and sky rides.

There is a 250-pound weight limit to ride in the OGO ball.

For more information about Ski Roundtop Mountain Adventures, visit [www.skiroundtop.com/rma.htm](http://www.skiroundtop.com/rma.htm).

## SKIES Unlimited

For more information or to register for a SKIES Unlimited class, call the Central Registration Office, building 2752, 410-278-7571/7479. Open to all DoD ID card holders. For an appointment, e-mail [stacie.umbarger@conus.army.mil](mailto:stacie.umbarger@conus.army.mil).

### Infant/Child First Aid, CPR Class

An Infant/Child First Aid and CPR class will be held 9 a.m. to 3 p.m., for ages 13 and older, today June 18, in building 2752, Child and Youth Services administration building. The class costs \$5 per person.

### American Kickboxing

SKIES Unlimited offers American Kickboxing, taught by instructor U.S.K.B.A. Fighter Kyo Sa Nim Sean Williams.

American Kickboxing is also called Full-Contact Kickboxing. It differs from Muay Thai or Thai Boxing in that kicks to legs, elbow, and knee strikes are not allowed in competition.

Kickboxing promotes body toning, increase flexibility, and increase concentration levels, positive self-confidence level and self-discipline. Kickboxing Enhances martial art ability, fighting ability, and self-defense ability with strength and power.

American Kickboxing classes will be held for ages 10 through 18 at the Child, Youth and School Services, building 2522, 7 to 8 p.m., Aug. 17 through 20. Cost is \$35 per student.

Students must wear a white T-shirt and sweat pants. Class size is limited so register early.

### Introduction to Tae Kwon Do

Join the Unity Tae Kwon Do School of Martial Arts at APG. Tae Kwon Do promotes discipline, as well as muscle toning and conditioning.

Introduction to Tae Kwon Do classes will be held for ages 6 through 13 at Child, Youth and School Services, building 2522, 5:30 to 7 p.m., Aug. 17 through 20. Cost is \$45 per student. Students must wear a white T-shirt and sweat pants. Class size is limited so register early.

Classes will be taught by instructor U.S.K.B.A. Fighter Kyo Sa Nim Sean Williams.

### Tiny Tigers Tae Kwon Do

Children ages 3 to 5 (parent participation required) can join the Tiny Tigers Unity Tae Kwon Do School of Martial Arts at APG. Tae Kwon Do builds confidence and self-esteem in young students.

Classes will be held at the Child,

Youth and School Center, building 2522, Monday and Wednesday, 5:30 to 6 p.m., July 6 through Aug. 12. Cost is \$40 per parent/child pairing.

Students must wear a white T-shirt and sweat pants. Class size is limited to 12 parent and child pairings so register early.

### Toddler Art

Calling all young Picassos. Toddler Art lessons will be given 9:30 to 10:15 a.m., Wednesdays, June 24 through July 29, for ages 2 through 4 at Aberdeen Area Youth Center, building 2522.

Hands-on creativity is the theme as children explore paint, clay, color, texture and shapes. Dress little ones in old clothes or smock and be prepared for a messy good time. Parent participation required.

Cost is \$60 per student for eight weeks.

### Private piano lessons

SKIES Unlimited private piano lessons will be given for ages 4 thru 18, 1:30 to 6:30 p.m., on Mondays, June 29 through Aug. 10 (no class July 13). Lessons cost \$102 per student and include six weeks of 30-minute lessons once a week. Parents choose which time frame session they want to sign-up for when they register their child. Students are responsible for purchasing the required books for the course recommended by the instructor.

### SAT preparation classes offered

Child, Youth and School Services will hold Scholastic Aptitude Test preparation classes, 8 a.m. to 3:30 p.m., July 20 through 24, at CYSS Administrative Offices, building 2752 Rodman Road for students in grades 9 through 12.

Open to all DoD ID card holder Family members.

Students can be a step ahead for the SAT. Classes will assist students in sharpening the verbal skills needed for being successful when taking the SAT. The class also prepares students for the

SAT math exam, covering basic math skills including algebra and geometry. Problem solving, reasoning and test-taking techniques will also be covered.

Classes cost \$175 per student and includes textbook.

### Ice skating lessons

SKIES Unlimited offers comprehensive group lesson program ice skating lessons for ages 4 through 18. Classes will be held 5:30 to 6:30 p.m., Tuesdays, July 2 through Aug. 11 at Ice World in Abingdon.

Ice World's philosophy is to provide top notch, professional instruction for beginner through advanced skaters in a

relaxed and fun environment. Learn to Skate is based on the fundamentals of the United States Figure Skating Association and is necessary for those wishing to proceed on to ice hockey or freestyle.

Each session includes six weeks of professional instruction; each session is 30 minutes long with 30-minute practice and weekly free skate rentals. Class sizes are limited and are grouped by age and ability. Three free passes to public sessions are included.

Ice skating classes cost \$110 per student. There will be no make-up classes or refunds.

## June bowling specials

• In June, bowl 11 a.m. to 2 p.m., Monday through Wednesday, for \$1.25 per game plus \$2 for shoe rental or rent the lane for \$10 per hour, with shoe rental included.

• Buy a combo meal from the snack bar, 11 a.m. to 1 p.m., Monday through Friday and get a free game. Shoe rental is not included.

• From 5 p.m. to closing, bowling costs \$2 per game plus \$2 for shoe rental or rent the lane for \$12 per hour, with shoe rental included.

• Cosmic Soldier specials on June 27 include one hour of bowling, one whole cheese pizza special and a pitcher of soda for \$32. Receive four free bowling passes when purchasing this special, to be used at a later date.

• Early Father's Day gift: All dads

bowl one free game of bowling, 4 p.m. to closing, June 20. All dads must be accompanied by at least one child. Games cost \$2.75 per game plus \$2 for shoe rental. Dad's shoes are free. Hourly bowling cannot be used with this offer.

Bowling party packages are available.

Youth bowling leagues are now forming. The league will bowl every Friday evening, July 10 through Aug. 21. For more information or to register, call the Bowling Center, 410-278-4041.

The Bowling Center hours are 7 a.m. to 3 p.m., Monday thru Thursday; 7 a.m. to 10 p.m., Friday; and 4 to 10 p.m., Saturday. The Bowling Center is closed on Sundays.

## APG Bowling Center Snack Bar specials Building 2342

The Bowling Center hours are 7 a.m. to 3 p.m., Monday thru Thursday; 7 a.m. to 10 p.m., Friday; and 4 to 10 p.m., Saturday; the Bowling Center is closed on Sundays.

### Week of June 15

Special #1: Double bacon cheeseburger with potato chips, cookie and regular soda for \$6.95.

Special #2: Crab cake platter with french fries, coleslaw, cookie and regular soda for \$9.95.

### Week of June 22

Special #1: Grilled ham and cheese with potato chips, cookie and regular soda for \$4.75.

Special #2: Pork bbq with french fries, cookie and regular soda for \$5.95.

For more information or to place an order, call 410-278-4041. Orders must be placed before 10:30 a.m.



## Looking for a job?

Visit FMWR Jobs Available at [www.apgmwr.com](http://www.apgmwr.com).

All jobs for Aberdeen Proving Ground are listed at <http://acpol.army.mil/employment/naf.htm> or check out AAFES Jobs link <http://odin.aafes.com/employment/> for additional job opportunities.



# Community and APG: Partners in Education

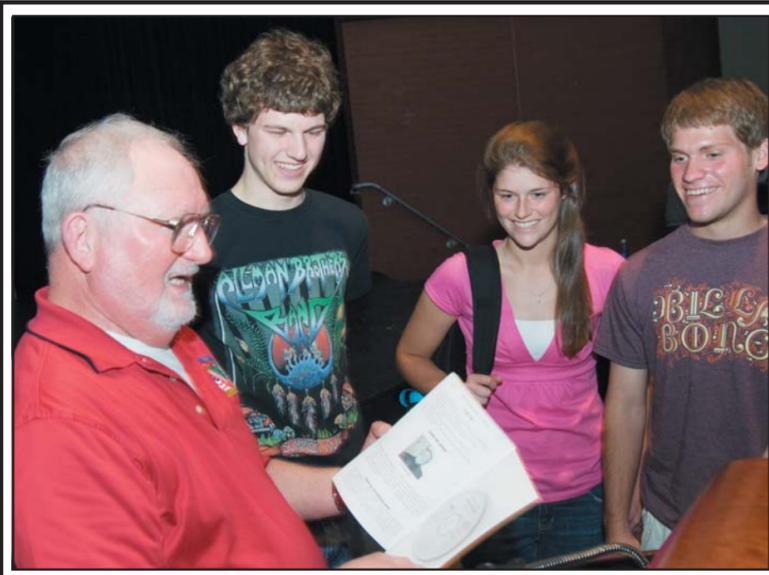


Photo courtesy of ECBC

Former NASA Flight Controller Sy Liebergot discusses his book, 'Apollo EECOM - Journey of a Lifetime,' with C. Milton Wright High School students, from left, Adam Keith Smith, Cara Canington and Justin Greer, during his visit to their school in May. Liebergot spent four days touring eight Harford County public schools as part of an educational outreach initiative sponsored by RDECOM and led by one of its subordinate agencies, the U.S. Army Edgewood Chemical Biological Center.

## Students receive a lesson in history, life

ECBC

Retelling the story of his life — rising from meek beginnings to play a key role in NASA's race to save the astronauts on board Apollo 13 in 1970 — is nothing new for Sy Liebergot.

Having to tell that story to nearly 3,000 middle and high school students over the course of four days is what made the former flight controller's time in Harford County so unique.

In May, Liebergot met with students during a speaking tour of eight schools in the Harford County Public Schools system including Edgewood Middle School and Fallston, C. Milton Wright, North Harford, Edgewood, Aberdeen, Havre de Grace and Joppatowne high schools. The visits were part of an educational outreach initiative sponsored by the U.S. Army Research, Development and Engineering Command and led by one of its subordinate agencies, the U.S. Army Edgewood Chemical Biological Center.

For each group of students, Liebergot detailed his experiences working for NASA in the early years of the nation's space program. While his job as the electrical, environmental, communications flight controller was rewarding, one of the most exciting moments of his career came at the end of an eight-hour shift inside Mission Control in Houston while the crewmembers of Apollo 13 — James A. Lovell Jr., Fred W. Haise Jr. and John L. Swigert Jr. — performed routine "housekeeping" chores.

But nothing about Apollo 13, scheduled to become the third mission to land on the moon, would prove to be routine.

According to Liebergot, one of the everyday jobs performed on the shuttle involved stirring the four cryogenic tanks to prevent a false reading when measuring the system's capacity. On the night of April 13, 1970, just 56 hours after liftoff, he asked the astronauts to perform an extra tank stir before going to sleep because the quantity instrumentation of oxygen tank 2 had failed an earlier test, and he wanted a more current reading.

Two seconds after Swigert, the command module pilot, flipped the switches to turn on fans that would stir the tanks, an undetected electrical short ignited a fire that caused the tank to explode. Shortly after Swigert muttered his infamous words, "Houston we've had a problem here," Liebergot realized that diagnosing the command module's domino effect of system failures and handling the situation was almost exclusively his responsibility.

Students sat in awe listening to Liebergot explain how he and other quick-thinking experts helped to bring the astronauts home safely, how he felt being awarded the Presidential Medal of Freedom in recognition of his efforts and even how he felt seeing himself depicted in "Apollo 13," the 1995 film directed by Ron Howard.

"It's incredible what a massive situation Mission Control had to deal

with yet it ended with such a positive outcome," said Michell Tracey, a student at North Harford High School.

But the students weren't the only ones Liebergot impressed during his programs.

"I felt that it was a once-in-a-lifetime experience for students to hear from someone who impacted U.S. history," said Marlene Molter, C. Milton's Wright's principal. "He graciously revealed and shared personal details of his childhood and life to inspire students to achieve their goals."

While his main objective was to help stimulate an interest in science, technology, engineering and math course work among Harford County students, Liebergot said his tales also provide motivation for students to set lofty goals regardless of what adversity they may face.

While sharing memories of a childhood filled with hunger, poverty, abuse and a lack of parental guidance — his father was a gambler and an alcoholic while his mother suffered from mental illness — Liebergot credits his success in life to his ability to set and achieve goals, particularly in his pursuit for a good education.

"Never give up even when all hopes seem to fade," said Liebergot. "Setbacks are just bumps along life's journey and there are ways to get around them."

Dr. Harry Salem, ECBC chief scientist for Life Sciences, and Mary Doak, ECBC program manager for Community and Educational Outreach accompanied Liebergot to each school.

Before using the U.S. Army as a springboard to a career with North American Aviation, Liebergot earned a bachelor's degree in electrical engineering from California State University in 1963. Less than a year later, he transferred to Houston to serve as a member of the Flight Operations Group in support of NASA Mission Operations.

"It was a rare and unique opportunity for us to listen, first hand, to the story of someone involved in such a historical event," said North Harford High School Assistant Principal Gerard Mentz. "He offered some great advice based on his experience for our students."

Despite his humble beginnings, Liebergot enjoyed a successful career as a NASA flight controller, receiving numerous awards in the process. Though he retired from government service in 1986, Liebergot continues to bring motivational presentations to students and adult audiences throughout the country.

Though his four-day tour through Harford County is over, Liebergot seems to have left a lasting impression on many of those who listened to him speak about his life.

"My favorite part about his presentation was that he used the Army for a pathway to a career at NASA's Flight Control Center, and that he always trusted in himself," said Kyle Edwards, a student at C. Milton Wright. "He used goal setting, which is an important strategy for becoming successful, especially when faced with multiple challenges."

## Army exhibits advanced technologies to top students in nation

Story and photo by  
**SARAH MAXWELL**  
U.S. Army Research Laboratory

Capturing teenagers' attention wasn't a problem for the U.S. Army's Educational Outreach Program as it showcased cutting-edge technologies during one of the nation's top high schools' Symposium to Advance Research in Alexandria, Va., May 28.

With inventive research in tow, the Army's director of Research and Laboratory Management Dr. John Parmentola presented some of the science behind the nation's defense capabilities to about 100 students at the Thomas Jefferson High School for Science and Technology at its first tjSTAR event.

"Their future is our country's future," said Parmentola after showing a group of students a video with some of the Army's inventions being used. "What the Army can provide to these students is something unique. We can give them research experience they could not possibly get anywhere else."

Along with the Army, many of the nation's leaders in science, technology, research and humanities also came out to inform and educate the students who attend the magnet school.

After a technology video, the students were able to see interactive displays of an unmanned flying vehicle's engine and thermal imaging abilities; flexible displays; and the PackBot tactical robot, among other larger outdoor exhibits.

"This is really cool, innovative technology," said sophomore Stefanie Karp after asking questions about the science behind the flexible video displays, which the U.S. Army Research Laboratory is developing to be extremely thin, strong and bendable for Soldiers.

Although only 16, she has years of scientific education under her belt and was even on the Army's science and math eCYBERMISSION competition national finalist team in the seventh grade.

She said she's not completely sure what she wants to do when she graduates from college, but she's definitely interested in what the Army is accomplishing in science.

"I think being a researcher is a great way to combine math and science, and I'm interested in benefiting people," Karp said. "I can see a lot of applications to help people in the future coming from this research."

Some students weren't as familiar with the Army's scientific advancements. Senior Michael Ross didn't know what to expect when he came to the Army dis-

plays but found he was interested in the information he was presented.

"I was happily surprised," said Ross, who will be attending Duke University in the fall. "I thought the presenter was interesting, and it was cool that he [Parmentola] went into all the technology. Before this I hadn't really thought of the Army in technology research. Now I think there are a lot of research opportunities that go on in the Army that would be cool to work on."

The line to get into the night vision simulation trailer, where students waited to get hands-on night vision experience, seldom was short.

Ross said he enjoyed learning about the technology on display, but his favorite part of the Army innovations was the night vision goggles and heat sensors from the Night Vision and Electronic Sensors Directorate.

"The Army owns the night," Parmentola said. "The Army pioneered NVT technology and still leads in the world. It gives us an advantage."

The U.S. Army Research Laboratory also showcased a robotic vehicle with autonomous navigation capabilities that kept the students and adults' attentions.

"This is exciting," said Larry Gaudreault, the director of the biotechnology laboratory at the school. "I can see a direct relationship between what they have here and what they're doing for the armed forces."

As an educator, Gaudreault said he thinks the Army and the other agencies coming out for the day is great for the students.

"It's one thing for us to tell them in a classroom, but it's so important for them to see industry and the government applications," he said. "They love it."

While Army representatives educated the students, Dr. Thomas Killion, the deputy assistant secretary of the Army for Research and Technology and the Army's chief scientist, spoke to a distinguished group at the school's 2009 "Tommy" Awards held the evening after tjSTAR to show appreciation to the school's parents, government and industry supporters.

Killion put the emphasis on keeping students interested and performing well in math and science in a greater perspective.

"Our students need encouragement," he said. "The need for the U.S. Army to stay technologically advanced is great, and America's economical survival requires more students to seek science and technology careers. Tomorrow's technology is in the minds of our youth today."



A student at Thomas Jefferson High School for Science and Technology in Alexandria, Va., tries out the Army's night vision goggles and heat sensors during the school's science symposium May 28. The Army showcased multiple cutting-edge technologies to the students throughout the day.

### APG SCHOOL LIAISON

#### Checking SAT scores with College Quick Start

Students can now check their SAT/PSAT and more online. They can analyze their wrong answers to improve their SAT scores, but they can also find out more about their futures.

My Major and Career Matches takes students to MyRoad. This interactive Web site includes:

- Major and career profiles
- Firsthand stories from students and professionals
- A personality test
- Try careers on for size:
- Weigh rewards and responsibilities
- Check academic requirements
- Learn the economic outlook for the field
- Hear from working professionals

For more information or to take a Quick Start Tour from the College Board Organization, visit [www.collegeboard.com/student/testing/psat/quickstart.html?exmpid=BF1-ST-1-PSATreport](http://www.collegeboard.com/student/testing/psat/quickstart.html?exmpid=BF1-ST-1-PSATreport).

For more information on any APG school related topic, contact Eileen Campbell, 410-278-2857 or e-mail [eileen.campbell@us.army.mil](mailto:eileen.campbell@us.army.mil).

# SAFE Summer SAFETY

## Army Safety Center announces Peer to Peer contest winners Soldiers strive to save lives with videos promoting safety messages

USACRC

A video highlighting the important difference between good and bad safety decisions recently earned a team of Soldiers from Fort Bragg, N.C., top honors in the U.S. Army Combat Readiness/Safety Center's first Peer to Peer video competition.

Offering a candid look at issues including domestic violence, drug abuse and weapon safety, the winning video submitted by Spc. Marsha Millikin from 1st Battalion, 7th Air Defense Artillery Regiment, used humor and honest dialog to encourage Soldiers to always make good decisions.

The Army Safety Center launched the Peer to Peer video competition in September to "put safety in the hands of Soldiers," according to Dr. Patricia LeDuc, USACR/Safety Center Human Factors Task Force director and Peer to Peer competition facilitator.

"With the launch of the Peer to Peer Video Competition, the U.S. Army Combat Readiness/Safety Center hoped to harness the power of peer influence to help prevent accidents and save lives," she said. "The competition tagline, 'Make a movie - save a life,' challenged Soldiers to personalize safety messaging by creating short videos promoting off-duty safety awareness."

During the submission period, which ended March 31, Soldiers from around the



globe submitted 27 videos that covered topics ranging from cold weather safety to drinking and driving and safe sex.

A video focusing on electrical fire prevention earned Sgt. Shawn Patton from 542nd Maintenance Company, Fort Lewis, Wa., second place honors. Third place was claimed by Staff Sgt. Jeremy Caine and Sgt. Christopher Black, both from the U.S. Army Health Clinic Hohenfels, Germany, for their video "Compacency."

"Most Soldiers have a favorite 'there I was' story and the video medium allowed them to share the benefit of their experience with an Army-wide audience," LeDuc said. "This competition capitalized on the power of peer influence, and extended its reach exponentially through the Web via various social media outlets like YouTube or Facebook."

Patton, who is currently deployed to Iraq, said electrical hazards in theater inspired him to submit his video about electrical safety in hopes of preventing future needless accidents.

"It's just a waste for anyone to get hurt over things that can be prevented," he said.

Patton said his goal while making the video was to not only pass important safety information to his fellow troops but also to make safety fun and interesting.

"We get class after class on the same things," he said. "When you spice up your training (with an interesting and amusing video), people pay attention."

Caine said the Peer to Peer competition was a great opportunity to bring his squad together to spread an important safety message.

"We hope that (our video will help)

Soldiers and leaders realize that, though it may be easy at times to take short cuts and be complacent, doing so will result in consequences that could put Soldiers at risk," he said.

All 27 videos submitted during the Peer to Peer competition can be viewed and downloaded at <https://safety.army.mil/videocompetition>. The videos are also available on YouTube at [www.youtube.com/user/USArmySafety](http://www.youtube.com/user/USArmySafety).

The USACR/Safety Center is currently working with representatives from the Family and MWR Command's Better Opportunities for Single Soldiers organization to make the next Peer to Peer video competition bigger and better than the first. Information about the next round of the Peer to Peer competition will be released as it becomes available.

## Commentary: Cutting it short - the safe way to mow the lawn

By **CHRISTOPHER SOLLERS**  
Installation Safety Office

Most people are acquainted with the old saying "familiarity breeds contempt." This concept is illustrated in a task millions of Americans do every week all summer long: mow the lawn.

Approximately 100,000 people in the United States in 2006 were injured in a lawn mower accident. The American Academy of Orthopaedic Surgeons, which tracked the statistics, said the problem is more common than people think. There were 133 fatalities in 2006 from using lawnmowers of all types, based on a national probability sample of hospitals in the United States.

A major contributor to fatalities is cardiac arrest in males aged between 40 and 79. Heat

stress and sunburn can be as hazardous as the whirling blades.

According to a study by the Johns Hopkins Bloomberg School of Public Health, the majority of lawn mowing injuries occur because of debris being thrown from underneath the lawn mower. Many people are hurt by this because not only can the person operating the mower get injured, but also bystanders.

Manufacturers recommend that the mower be turned off and to wait for the blades to stop completely before removing the grass catcher, unclogging the discharge chute, or crossing gravel paths, roads, or other areas. Keep all spectators away from the mower while it is in operation.

Modern mowers are equipped with safety devices which should not be tampered with

or removed. One safety feature is a blade that stops turning when the operator's hands are removed from the controls. Another is a rear-mounted rope pull for starting the mower. This reduces the chance of getting one's foot caught in the blades during starting.

Many rotary motors have bagging attachments which affect mower safety. The manufacturer may have a special attachment which is required for safe mowing without a bag. Similarly, discharge chute shields on non-bagging mowers should not be removed.

All mowing equipment should be kept in good working condition.

Following these simple tips can ensure an uneventful (if not a fun) experience mowing the lawn.

• When all else fails, read the

owner's manual.

• Pick up rocks, wires and sticks before mowing to prevent them from becoming dangerous projectiles. Keep all four wheels in contact with the ground, because debris could fly up and hit the operator.

• Start and refuel mowers outdoors, not in a garage or shed. Mowers should be refueled with the motor turned off and cool.

• Mowers should be sharpened and adjusted frequently to assure a clean cut.

• Use earplugs when operating noisy power mowers. Wear protective gear and clothing, including long pants, gloves, safety glasses and sturdy shoes that protect the feet.

• Always push the mower forward. Never pull it backward in a motion where a slip will allow a foot to go under the

mower deck.

• Delay mowing grass when it is wet. Dry grass is less apt to plug mowers. Footing is better on dry grass, and good footing is important on steep slopes.

• Slopes greater than about four to one are both difficult and dangerous to mow. These slopes are good candidates for alternative ground covers that will stabilize the bank and eliminate the need for routine maintenance such as mowing. When using a walk behind mower, mow across a slope. When using a riding mower, mow up and down.

• Young children should not be allowed to operate mowers until they can handle them easily. If a child under 12 years old is mowing the lawn, it is suggested they only operate walk-behind mowers. A riding mower should be driven by someone who's at least 16, according to experts.



Photo by RACHEL PONDER

Dave Backert, a Cape Fox Professional Services lead instructor, shows Rex Queen, who works for the U.S. Army Aberdeen Test Center, how to brake into a curve during a basic rider course, which is offered free on post. The official training site for all motorcycle training on APG now takes place in a parking lot on Darlington Street accessed from Maryland Boulevard or Boothby Hill Road.

## APG offers basic, experienced rider's courses

Installation Safety Office

The Basic Rider and Experienced Rider Course is free and mandatory for any Soldier, civilian, retiree, Family member or contractor who wants to operate a motorcycle on post.

BRC is designed for the novice rider who holds a learner's permit and has his/her own motorcycle.

BRC training will be held 9 a.m. to 4 p.m., building 4303, Hazardous Waste Training Room.

From June through October, the remaining two days of BRC training will be held 8 a.m. to 1 p.m. on Darlington Street.

- July 21 to 23
- Aug. 18 to 20

- Sept. 15 to 17
- Oct. 27 to 29

ERC is designed for the licensed motorcyclist who wants to sharpen his/her riding skills and has their own motorcycle. The motorcyclist should have at least been riding one season.

ERC training will be held 8 a.m. to 3:30 p.m., through November at Darlington Street.

- July 24
- Aug. 21
- Sept. 18
- Oct. 30
- Nov. 3

For more information or to register, visit <https://airs.LMI.org/>.

### Safety reminders for walkers, joggers, runners

APG Installation Safety Office

All individuals (military or civilian, including contractors) will wear reflective belts while walking, jogging or running on Aberdeen Proving Ground roads. Belts will be worn over the right shoulder and down under the left arm at all times.

Individuals (military or civilian) walking, jogging or running alone or in small groups will do so on the sidewalk if at all possible. If no sidewalk is available, individuals and small groups will walk, jog or run facing oncoming traffic in a single file as close to the

shoulder of the road as possible.

Groups will be no more than two abreast on sidewalks and will avoid pedestrians.

Troop formations, walkers, joggers and runners are prohibited on Aberdeen, Harford, and Maryland boulevards and Boothby Hill Road in the Aberdeen Area and Hoadley Road in the Edgewood Area.

All individuals are also prohibited from using headphones, earphones and cell phones or going shirtless while walking, jogging or running on the installation.



## Panic on the highway!

Installation Safety Office

"Adventures in driving decision making" is brought to everyone by the Installation Safety Office.

Test your driving expertise in the following situation and then from the options provided, select the best answer. The answers are printed upside down.

### Situation #37

You're on a six-lane divided highway in the center lane going 45 mph. There are cars passing you on both sides and about 100 feet ahead, there is a motorcyclist, who without warning, loses control, slides and falls in front of you. What should you do?

- Stay off brakes and steer firmly to gradual stop in emergency parking zone.
- Medium brake to stop as quickly as possible.

**ANSWER A.** Not a good idea! To "stomp on brakes to stop" would probably end up killing the motorcyclist. It would take you at least 150 feet to stop. You might luck out and skid around or away from him, but when you're dealing with a life, you can't leave anything to luck.

**ANSWER B.** You want to "hard brake, ease off to medium brake, and swerve right. If necessary, sidswipe the passing car on your right" is the best decision you could make. Hopefully, the car on your right will see the situation and move to make room for you to get in. If not, it will be better to sidswipe a car than kill the motorcyclist.



# Sports

## LINC overpowers AMSAA to win civilian basketball championship, 45-39



LINC Services' Devon Branch goes airborne for the slam over U.S. Army Materiel System Analysis Activity's Vernon Marine during second half action of the civilian basketball league championship May 20. Looking on from left are LINC teammates Matthew Jackson-Smith, 25 and Naron Johnson, 35, and AMSAA's James Auters, 53. In the backcourt, far left, is AMSAA's Patrick Herbert, 30.

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

In a hard-fought battle for post bragging rights, the LINC Company defeated the U.S. Army Materiel Systems Analysis Activity 45-39 to win the Aberdeen Proving Ground civilian basketball league championship at the Aberdeen Area Athletic Center May 20.

LINC Coach Charles Sherer, a maintenance contractor at Kirk U.S. Army Health Clinic, named the team for his company - LINC Services. Sherer, at age 65, said he planned to take the floor before the game was over.

"I'll be the oldest basketball player in APG history," he said.

Sherer led the team through an almost perfect season, suffering only one defeat. He said the talented group required little coaching.

"I just tell them to take good shots and not to rush it," he said.

Coach Nate Herbert, an AMSAA operations research analyst, said his team has reached the finals for the past three seasons, each time falling short of the championship.

With his team down 19-13 at the half, Herbert said he told his players to stay focused.

"We had a great season, and it feels good to be in the championship again, but we just need to play a little smarter

and keep our heads," he said.

AAMSA made a game of it in the second half, closing within 2 points just after the break, but a flurry of scoring by LINC leading scorers Devon Branch and Terry Allen, with 9 points each, and Brandon Banks with 8 points, kept LINC in control.

Branch put LINC up by 10 points, slamming home 2 points after a break-away steal and minutes later a swishing 3-pointer by Stephen Robinson made it 42-28 with 4 minutes left in the game.

Herbert, along with his two brothers, Patrick and Brett, led a furious comeback that became emotional as players pushed and shoved for position.

A hard foul on Brett Herbert resulted in an ejection of LINC's Jamar Philips and Brett capitalized at the line, going 2-for-2 to close within 5 points at 41-36.

Inside a minute, AMSAA was forced to foul, setting up Banks and Philips to score LINC's final points at the foul line. Sherer did in fact take the floor during the final minute and put up the game's final shot which fell short of the basket as time expired.

"We just weren't hitting shots," said Patrick Herbert, who also is an AMSAA operations research analyst, after the game. "But this is our third year together, and we'll be back."

Along with the Herbert brothers, AMSAA players included James Auters,



From left, AMSAA's Sam Hogg, 22; James Auters, 53; and Nathan Herbert, 32, back up teammate Brett Herbert, 21, as he grabs the rebound from LINC's Naron Johnson.

Craig Healy, Richard Heine, Sam Hogg and Vernon Marine.

Sherer praised his team of civilians, contractors and Soldiers.

"They always hustle, and they play well together," Sherer said. He commended his players for their toughness, noting that Allen had returned to the team that day after recovering from knee surgery.

"I play here a lot, and I watch a lot of players," he said. "The ones who hustle are the ones I ask to play." "I know a lot about this game," he added, noting that he's been playing since 1953. "Harry Truman was president and there was straw in the basketballs," he said.

Branch, the team's high-scoring forward, is an Army and Air Force Exchange employee with the post Burger King restaurant. He said he was surprised at how well his teammates jelled.

"I think we're a pretty good team," he

said, adding that he'd like to play again next year.

Robinson, a Directorate of Family and Morale, Welfare and Recreation employee who works at the Chesapeake Challenge Amusement Park, said it was the team's second tough game against AMSAA.

"We played them once before and barely beat them," he said. "They're all very hard workers, but so are we."

Allen Camp, an audiovisual editor with the APG Garrison's Directorate of Information Management and a former Soldier, added that LINC's success was due to each member taking on a role to help the team.

"Everyone on the team played a role, whether stepping up as a leader or just doing or saying something positive to give the team confidence," Camp said. "It worked on and off the court. We're sure to lose a few players but hopefully we'll stay together for next year."



Members of the LINC Services basketball team pose with their gold medals after winning the civilian league basketball championship at the Aberdeen Area Athletic Center May 20. From left, front, Stephen Robinson, Coach Charles Sherer, Brandon Banks and Allyn Camp. From left, standing, Terry Allen, Angel Tavaraz, Matthew Jackson Smith, Naron Johnson, Devon Branch and Jamar Philips. Not shown: Isaac Diaz and Jaryd Muller.

## Big Dogs repeat as volleyball champs

Story by  
**YVONNE JOHNSON**  
APG News

The Big Dogs volleyball team may be an Aberdeen Proving Ground dynasty - the Garrison team won its third consecutive intramural volleyball post championship, defeating the Joint Personal Effects Depot during the final match up of the post season tournament at the Aberdeen Area Athletic Center June 4.

Led by Team Captain Chris Damko, the Big Dogs successfully defended its crown despite the absence of play-makers Pete Leon Guerrero and Albert (A.J.) Jones. Damko said that when the two transferred jobs - Leon Guerrero to the Edgewood Area and A.J. to New Jersey - leadership of the team fell into his lap.

"This team doesn't really need coaching, I was more like a liaison between the team and the sports office," Damko said. He credited Family and Morale, Welfare and Recreation sports personnel Donna Coyne and Rose Stewart with "managing a great season."

"They did a great job coordinating and accommodating everyone's schedules," he said.

"We had an excellent season. Unfortunately we lost key players but our new players stepped up. The JPED always

plays well," he said of their opponents. "They're a very talented team."

He credited the Big Dogs' success with their ability to gel and appreciate the athletic abilities of their teammates.

"John King does a great job setting up and serving; John Densmore, a first-time player, adjusted well; Bill and Diane Brewer are a great husband-and-wife team; Justin Reigle is a very strong, athletic and patient player; and Sergeant Major [Pedro] Rodriguez is an athletic beast," he said.

Rodriguez, the Garrison command sergeant major, retires later this month and he will be missed, he said.

"I'm not going anywhere. I'll be right in Cecil County, and I still plan to play next year," he said. "This team has won three years in a row, and I want to help keep it going."

"The coaching skills of Chris Damko and Command Sergeant Major Rodriguez brought excitement to the team," said newcomer John Densmore. "Justin and I were the newcomers to the team and we were afraid to mess up or be the reason for a loss which is why we never lost a match. I'm grateful for the teams in the league and I hope more people sign up next year when the Big Dogs defend their title."



Coach Chris Damko, kneeling front with trophy, and the rest of the Big Dogs volleyball team pose with their trophy and medals after winning the post intramural volleyball championship at the Aberdeen Area Athletic Center. From left, Justin Reigle, Pedro Rodriguez, Bill Brewer, John King, John Densmore, Dianne Brewer and Tim Hall.

Photo by DONNA COYNE, FMWR

# Office Eagle shows appreciation to customers



Ashley Thomas, left, and Heather Haywood, who both work as administrative assistants for the U.S. Army Research Laboratory for the Blind, play Black Jack during the Aberdeen Area Office Eagle's annual Customer Appreciation Day on May 27. Ed Lozzi, Office Eagle regional store manager from Delaware, and Kathy Kozen, who works for Susquehanna Association for the Blind deal the game. The event was casino-themed, which encouraged customers to visit vendors in exchange for "play money." Winners won gift baskets featuring Office Eagle products.

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

The Aberdeen Area Office Eagle said "thank you" to customers by hosting its annual Customer Appreciation Day festivities on May 27. The Edgewood Area Office Eagle held its celebration the following day on May 28.

Visitors viewed a wide selection of products available to Office Eagle purchasers.

The event was casino-themed, which encouraged customers to visit vendors in exchange for "play money" which they could use to play games of chance such as black jack, roulette and slot machines. Winners won gift baskets featuring Office Eagle products.

Ashley Thomas, who works as an administration assistant at the U.S. Army Research Laboratory said that she enjoyed the event.

"The theme was fun and entertaining, and I learned a lot from the vendors," Thomas said.

Barry Council, store manager, said Office Eagle greatly appreciates their loyal customer base.

"Without our customers we wouldn't be able to employ blind and disabled employees," Council said. He added that the Aberdeen Area store employs eight disabled employees, and the Edgewood Area store employs two disabled employees.

All suppliers to Office Eagle stores offer AbilityOne approved products and provide employment opportunities for the blind or the developmentally disabled. The AbilityOne Program (formerly JWOD) creates jobs and training opportunities for people who are blind or who have other severe disabilities. All of the products displayed at the event could be purchased or ordered in the store.

Many of the vendors featured environmentally friendly products. Brownline had clay planners made of recycled materials, and Envision featured bags that are 100 percent biodegradable and compostable.

Elwood Ditmer, accounts manager for the Susquehanna Association for the Blind and Vision Impaired, said that his company makes bio-based cleaning products made from soybeans and corns that included multipurpose glass and restrooms cleaner, hand and body wash and graffiti removers.

"Buying these products is a win-win situation," Ditmer said. "The products are made from renewable resources, and the proceeds go to train visually



Walt Levengood, left, a 3M consultant, shows Angela Johnson, from the Directorate of Public Works, new products that can be purchased at Office Eagle.

impaired individuals."

Blind Industries and Services of Maryland showed their BISM beverage brand, which is a new product that features custom label bottled water. Offices on post can have 5-gallon water jugs delivered by BISM Beverage. For more information, contact Buck Sharretts, 410-459-3900, or go to <http://bism.org/water/index.htm>.

Shirley Riffle, the director of Specialized Programs for BISM, said that proceeds of money from Office Eagle sales goes toward the CORE Program, which is a free intensive program for blind adults that immerses them in learning a broad range of skills and techniques, showing them how to live independently.

"When people lose their sight, they often feel like they lose their independence," Riffle said. "This program teaches individuals how to accomplish everyday tasks, and shows them that it is okay to be blind. This program is life-changing."

BISM also offers training to teach real-world life skills to blind adults, senior citizens and youths—everything from Braille to cane travel, from computer technology to home cooking.

Riffle added that the training is taught by other blind individuals.

"This adds a real credibility to the program," she said. "It builds the individual's self-confidence." For more information about the programs BISM offers, call Toll Free 1-888-322-4567, or go to ([www.bism.org](http://www.bism.org).) In addition to pro-



Nate Grogan, a museum technician from the U.S. Ordnance Museum, plays a slot machine at the Office Eagle Customer Appreciation Day.

viding free training, BISM employs 400 blind and disabled employees in Maryland.

After viewing the vendor displays, guests enjoyed a meal of barbecue pork and chicken, baked beans, potato

salad, cole slaw and desserts from Dover, Delaware-based caterer "Where Pigs Fly" led by owners Tom and Kelly Devine.

Vendors included South Texas Lighthouse for the Blind;

Susquehanna Association for the Blind and Impaired; GOJO Industries, Inc.; MSC Industrial Supply Co.; Edwards Sales; Winston Salem IFB; NCSS; Source Group; Grainger; Master Lock; Envision; and 3M.