

Military Appreciation

May 16-22

Week

2004

Guide



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Illustration by DIANE BURRIER

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Chamber recognizes Military Appreciation Week

The Harford County Chamber of Commerce will host its 27th Annual Celebration of the Military Appreciation Week, May 16 through 22.

As always, this weeklong celebration honors the men and women whose careers are based at Aberdeen Proving Ground and in Harford County.

It is highlighted by a special luncheon to be held on May 20, and this special events publication, The Military Appreciation Week Guide 2004, honoring all local military commands and the men and women who serve the nation in the United States armed forces.

Everyone at the Chamber and especially those involved on the Military Affairs Committee knows first hand the positive impact that Aberdeen Proving Ground has on our community.

Aberdeen Proving Ground is Harford County's largest employer, with an annual payroll in excess of \$550 million, of which \$520 million is paid to employees who live in Harford County. It is a major contributor to the local economy through the goods and services it uses.

In fiscal year 2003, APG awarded service and supply contracts in excess of \$170 million to firms within the State of Maryland. Over \$80 million

went to firms in Harford County.

The Chamber and the Harford County business community must continue to play a significant role in fostering and maintaining our strong and healthy relationship with the area's military commands and promote the continued growth of the activities at APG.

To a large degree, it is this spirit of cooperation that has enabled Aberdeen Proving Ground to continue to maintain its defense missions in Harford County in the face of many federal budget cuts and the resulting base closures.

I hope that you will join with the Chamber in making Military Appreciation Week 2004 a very memorable event.

Thank you for your continued support of the men and women in the United States armed forces and for your efforts over the past year as they serve in harms way in the war on terrorism.

Linda Walls
Chair, Military Affairs Committee
Harford County Chamber of Commerce



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Commander's message

Aberdeen Proving Ground and Harford County have been partners since the installation was established in 1917, when the nation's attention was focused on a world war in Europe. Today, more than four score years later, APG, the Army and the nation are engaged in a Global War on Terrorism and that partnership continues to grow and prosper.

Today, America's warfighters are daily facing challenges and threats in Iraq, Afghanistan and other trouble spots around the world. Each of APG's tenants play multiple, vital roles supporting that warfight.

At the same time, they are participating in a monumental transformation which will make the Army of tomorrow more mobile, more flexible, more lethal and more supportable.

Aberdeen Proving Ground and its many, varied tenants are involved in that transformation and are major contributors in the efforts to transform the Army of today into the stronger, more effective Army of tomorrow.

Some of the articles in this Military Appreciation Week Guide tell a few of the stories of the Army's roles in the global warfight and the Army transformation. They also tell the ongoing story of



*John C. Doesburg
Major General
Commander
, Aberdeen Proving Ground*

APG's involvement in the greater community and of the commitment of the post, its tenants and its people to be good, productive neighbors.

APG's ability to successfully accomplish its many missions is rooted in its partnership with its neighbors. In addition to being Harford County's largest employer

and the source of hundreds of millions of dollars into the county and Maryland, APG's men, women, families and organizations are active participants in the larger community. Our people work in local schools, serve in civic groups, churches and synagogues, and volunteer with youth and senior citizens.

APG and the people of Harford County share values, common goals and a sense of purpose. Together, we take pride in what do and who we are. We are working together to make a better community, nation and world.

I want to thank you all for the support and appreciation you continue to demonstrate for APG and the men and women of today's Army. We are glad to be a part of your community.

John C. Doesburg
Major General
Commander,
Aberdeen Proving Ground



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Aberdeen Proving Ground 2004 Facts

History

Aberdeen Proving Ground was established by order of President Woodrow Wilson in December 1917, eight months after the United States entered World War I. The Army had taken over 69,000 acres of land and water in Harford County two months earlier.

Sandy Hook, N.J., the Army's proof and acceptance testing ground for ammunition and cannons since 1874 was being closed and the Chesapeake Bay site was selected as the best suited to carry on the mission of testing field artillery, ammunition, air defense guns, trench mortars and railway artillery. From this beginning, APG has grown and evolved into one of the most diversified military installations in the United States.

The Edgewood Area of APG was also established in 1917 when the Army Ordnance Department acquired land 16 miles from Aberdeen and built a plant for the production of chemical munitions. This area was known as the Edgewood Arsenal. The July 1971 merger of Edgewood Arsenal and APG created a unique combination of activities and missions.

Today APG is recognized around the world as a leader in the research, development, testing and evaluation of materiel and the training of the officers and enlisted personnel who use it.

APG Today

As the "Home of Army Ordnance," APG is an Army Installation Management Agency installation operated by the U.S. Army Garrison, APG.

There are eight major Army commands represented on APG and the installation supports 65 tenants, 20 satellite activities and 17 private organizations. No longer exclusively dedicated to testing ordnance

items, the installation provides facilities to test and proof all Army materiel.

Test and support facilities provide for instrumented firing of weapons on a variety of state-of-the-art ranges, testing of tanks and other tracked vehicles over specifically engineered courses, and a wide variety of laboratory-type investigations.

Missions

Aberdeen Proving Ground's many, varied missions include test and evaluation, research and development, training, chemical and biological defense, health services, materiel systems analysis, foreign intelligence, calibration, packaging technology, installation restoration, occupational health, medical research and installation support services.

Population

APG is home to one of the finest teams of military and civilian scientists, research engineers, technicians, and administrators in the world.

The work force responds to the installation's critical missions by being diverse, highly trained and technically oriented. Aberdeen Proving Ground's population comprises the following numbers:

Military - 5,110

Enlisted - 4,128

Officer - 769

Warrant Officer - 213

DOD civilian - 6,980

Professional - 2,600

Administrative - 1,596

Technical - 1,199

Clerical - 540

Wage grade - 587

Non-appropriated fund - 559

Contractors - 2,577

Other - 109

Family members of Active Duty personnel - 5,824

Family members of Reserve

See FACTS, page 7

Facts

From page 6

Component personnel - 3,720
Area retirees and their family members - 21,471

Economic Impact

Aberdeen Proving Ground continues to be a dominant economic force in northeast Maryland.

More than 5,300 of the installation's approximately 15,000 total combined military and civilian work force live in Harford County. APG is the largest single employer in the county and provides employment to approximately 4.5 percent of the county's civilian labor force.

Aberdeen Proving Ground is the source of more than \$612 million annually in Harford County and its total economic impact on Maryland is \$940.6 million.

A Harford County neighbor

Situated at the mouth of Chesapeake Bay and surrounded by a dense, growing population, APG is sensitive to its role as a community leader and environmental steward. Some of the highlights of the APG community's off post involvement include:

*Environmental outreach
Economic Development & Advisory Board*

Higher Education & Applied Technology (HEAT) Center

Harford County Education System partnerships

*Mutual aid - emergency response
Commanding General's quarterly meeting with the County Executive*

Maryland Army National Guard ChalleNGe Program

*Science and Technology Board
APG Business Development Office
Armed Forces Day*

U.S. Army Garrison, APG

The Garrison manages and operates APG's Aberdeen and

Edgewood areas. It is host to 65 tenants, 20 satellite activities and 17 private organizations.

It provides the full range of installation support services, including administration; logistics; morale, welfare and recreation; resource and personnel management; troop support; religious activities, safety and environmental management; operations and planning; law enforcement and security; contracting; and information technology and management.

Services also are provided to Non-appropriated Fund and contract personnel, family members of active duty military personnel, and retirees and their family members residing in the surrounding community.

It also provides readiness and mobilization preparedness support to Reserve and National Guard units and other personnel.

For more information, call the USAGAPG Public Affairs Office, 410-278-1147.

Non-DOD tenants at APG

APG Federal Credit Union

For information, call 410-272-4000.

Team APG Business Development Office

Serves as a single point of contact promoting collaboration among federal agencies, economic development offices, industry and other organizations.

For more information, call 410-273-5062 or fax 410-273-8984.

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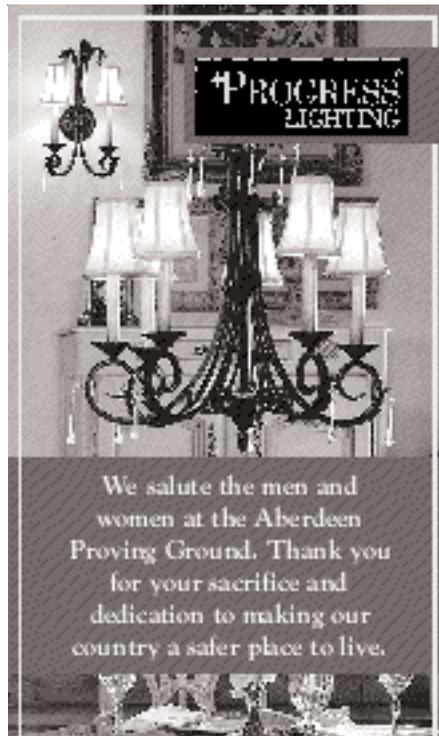
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Community Notes

Armed Forces Day celebration at Harford Mall

Veterans Muster events

A Veterans Muster will be held May 15 at Harford Mall in conjunction with Armed Forces Day.

Schedule of events

- 10:45 a.m., Musical Prelude, 389th Army Band (AMC's Own)
- 11 a.m., Welcome and introductions
- 11:10 a.m., Posting of the Colors, Korean War Vet/Vietnam Veterans of America Chapter 588/AL 39
- 11:30 a.m., Pledge of Allegiance, Wanda Story, Women's Army Corps Veterans Association
- 11:35 a.m., National anthem sung by Christina Carr
- 11:40 a.m., Introduction of speaker
- 11:45 a.m., Guest speaker Col. Mardi U. Mark, APG Garrison and deputy installation commander
- 12, POW ceremony, VVA Chapter 588
- 12:15 p.m., Young Marines Drill Team
- 12:30 p.m., History of military music and musical selections by the

389th Army Band (AMC's Own)

1 p.m., History and demonstration of Jody calls/marching troops, by the U.S. Air Force Detachment 1 and U.S. Marine Corps Detachment, Ordnance Mechanical Maintenance School

- 1:30 p.m., Static displays*
- 3 p.m., Musical selections, John Carroll High School Band
- 4 p.m., Retire the colors

*Static displays by Veterans of Foreign Wars, Korean War Veterans; Vietnam Veterans of America; Women's Army Corps Veterans Association; American Legion; Maryland Department of Veteran Affairs; Disabled American Veterans; Military Officers Association of America; Polish Legion of American Veterans; Order of the Purple Heart; Veterans Administration; Army, Air Force, Navy and Marine recruiters; Maryland Army National Guard recruiters; Harford County Veterans Commission; the Ordnance Museum Foundation and Harford County Library.

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APG joins City of Aberdeen to celebrate Armed Forces Day

USAGAPG/City of Aberdeen

Aberdeen Proving Ground and the City of Aberdeen will team up for an Armed Forces Day celebration on Saturday, May 22, at Festival Park to honor those who have served in the U.S. military.

The day begins with the City of Aberdeen's ArtQuest at 11 a.m., which includes exhibits from some of the county's finest artists, live entertainment, food

vendors, and many activities for the young.

Immediately following ArtQuest, the city in conjunction with APG will hold an Armed Forces Day celebration.

The ceremony begins at 5 p.m., followed by a concert of patriotic music by the 389th Army Band (AMC's Own). The concert will last for approximately an hour and a half.

Auto Craft Center offers MAW discount

Yvonne Johnson
APG News

The Morale Welfare and Recreation's Automotive Craft Center is offering its annual salute to the military with discounts to patrons during Military Appreciation Week.

A \$1 discount on bay fee rentals will apply May 22 and 23.

Patrons that weekend also will receive complimentary refreshments.

The center, located in building 2379 behind the APG Bowling Center, offers a safe environment for do-it-yourselfers to work on their vehicles, said manager Cal Adams.

"Bay and tool rentals, reference manuals and friendly advice are just some of the benefits for patrons," Adams said.

The center is open Wednesday to

Friday, 11:30 a.m. to 7:30 p.m.; Saturday, Sunday and training holidays, 9 a.m. to 5 p.m.; and is closed Monday and Tuesday.

It does not close on Fridays for the compressed work schedule.

With a knowledgeable automotive instructor John Malec and tool room attendant David Hall to assist customers, Adams said patrons should take advantage of the good deal.

Sgt. 1st Class Pierre Howard agreed. An instructor assigned to Headquarters and Headquarters Company, 16th Ordnance Battalion, Howard described himself as "pretty much a regular" at the shop. He was restoring a 1965 Chevrolet Corvair in his spare time and spent a few hours a day, four to five days a week in the shop.

"It's convenient to have a place like this on post to go to," Howard



Photo by YVONNE JOHNSON

From left, John Malec, automotive instructor, Cal Adams, manager, and David Hall, tool room attendant of the Automotive Craft Shop in building 2379, display their appreciation for APG service members. The shop will offer \$1 discounts on all bay fees, May 22 and 23, in honor of Military Appreciation Week.

said, adding that he appreciates the dry environment and access to tools and assistance. "You can't do this kind of work in the barracks' parking lot," he said.

"We don't have to worry about the rain, and everyone here is safety conscious," he said.

Calling the project his work-hobby, Howard said he would have a hard time completing it without the craft shop.

Time and space at the Auto Craft Center is on a first-come, first-served basis. For more information, call 410-278-5178.

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<http://www.apg.army.mil/garrison/cpac/index.html>.

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As the Defense Logistics Agency representative and technical author-

CHEMICAL MATERIALS AGENCY

The Chemical Materials Agency was formally established in December 2003. CMA has the mission for safe and secure storage of the chemical stockpile, expedient disposal of all chemical warfare related material, and production of specialized equipment and capabilities for Soldiers. The CMA includes the following elements: Chemical Stockpile Storage, Chemical Stockpile Disposal Project, Non-Stockpile Chemical Materiel Product, Alternative Technologies and Approaches Project, Chemical Stockpile Emergency Preparedness Program, Cooperative Threat Reduction Support, and the Chemical Weapons Convention Compliance.

For information on APG's stockpile of mustard agent, contact the Chemical Stockpile Outreach Office, 410-676-6800.

For more information, call the CMA Public Affairs Office, 410-436-3629, or visit <http://www.cma.army.mil/>.

CIVILIAN HUMAN RESOURCES AGENCY

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DEFENSE SECURITY SERVICE

Conducts personnel security investigations under the Personnel Security Investigations Program. These investigations are used by Department of Defense adjudicative facilities to determine an individual's suitability to enter the armed forces, to access classified information, or to hold a sensitive position within DoD.

The DSS Industrial Security Program includes the Defense portion of the National Industrial Security Program, the Arms, Ammunition and Explosives Program and the Critical Assets Assurance Program. The NISP was established to ensure that private industry and colleges and universities, while performing government contracts or research and development, safeguard classified information in their possession. Provides

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The DSS Academy provides security education and training programs to support DSS components, Defense Department agencies, and Defense Department military departments and contractors. The functions of the academy include the development and implementation of security education, training, and awareness programs; research and development functions; and career development programs. The academy offers formal classroom training, computer-based training, correspondence and distance learning, and tele-training.

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For more information, call 301-677-4730, or visit www.dss.mil.

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See **ORGANIZATIONS**, page 20

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38 01

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38 01

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38 01

Introduction:

The Military Appreciation Guide 2004 is a collection of new and previously published APG News articles and photographs covering technology expansion within some of Aberdeen Proving Ground's 65 tenant organizations.

It focuses on the mutual rapport enjoyed by the community and post organizations, offers examples of interactions beneficial to both the post and the community, demonstrates the installation's desire to maintain that

relationship, and shows how Harford County businesses have shown their appreciation for APG.

Shared experiences such as community service projects performed by APG service members and Harford County businesses help seal the sense of partnership that exists between the installation and the surrounding area.

As Harford County's largest employer, as well as the home of the U.S. Army Ordnance Center and Schools,

APG maintains the dual mission of looking out for its active-duty service members, reserve and National Guard contingents, retirees, civilian workforce, and their family members while fulfilling Department of the Army and Department of Defense missions.

It is due to the support of local businesses, organizations, leaders and supporters that this is possible.

APG expands technology



Courtesy of INTERNATIONAL IMAGING

The anti-tank Stryker fires a Tube-launched, Optically-tracked, Wire-guided (TOW) missile during a test at Aberdeen Test Center.

Testers work to support war efforts in Iraq

Mike Cast
DTC

While Soldiers and civilians supporting America's fight against terrorism and weapons of mass destruction are less visible than U.S. war fighters, they are making a vital contribution to the nation's war efforts. Among them

are engineers, scientists, technicians and specialists working for the U.S. Army Developmental Test Command, the technical tester for the Army Test and Evaluation Command.

DTC oversees diverse test centers throughout the United States, enabling the command to subject military systems to rigorous testing in natural and man-made environments.

The centers test everything from boots to the latest precision-guided weapons. Its testers collect and record accurate, impartial test data that Army evaluators need to analyze system performance and

report their findings.

Test support is not limited to the Army. The command conducts tests for all of the Defense Department, and provides technical support to other government agencies, including those responsible for homeland defense and law enforcement.

Between October 2001 and April 2003, DTC issued "Safety Confirmations" to support the "urgent materiel release" of 43 systems supporting America's war fighters.

In addition to verifying the performance and safety of equipment Soldiers use, another of the command's key missions is to develop and acquire new test technologies.

Through investments in this and other initiatives, DTC is helping field today's technologies to war fighters while preparing to test Future Combat Systems.

(Editor's note: To read the article in its entirety, visit www.apg-news.apg.army.mil, Jan. 15.)



Photo by JIM POTTIE

From left to right, Tim McNamara, director of Safety, Health and Environment; Naren Desai, environmental engineer, DSHE; garrison photographer Ralph Broth; County Council representative for District F, Cecilia M. Stepp; Joseph Craten, APG Garrison deputy to the commander; and Col. Mardi U. Mark, APG Garrison and deputy installation commander, listen as Dave Pergrin, project manager, Harford County's Division of Water and Sewer, conducts a walk-through of the Perryman Granular Activated Carbon Water Treatment Facility Nov. 7.

APG, county cut ribbon at water treatment facility

Marguerite Towson
APG News

The partnership between Aberdeen Proving Ground and Harford County was evident during the ribbon cutting of the new Perryman Granular Activated Carbon Water Treatment Facility Nov. 7.

Harford County and APG leaders joined county council members and interested citizens to celebrate the successful joint solution of the problem of trichloroethylene in the county's drinking water production wells.

"This effort is really an accumulation of a six-year cooperative effort between the county and Aberdeen Proving Ground," said James Harkins, Harford County Executive. "This facility protects the county's drinking water and helps remove the contaminants from the ground water

and soil."

In the 1980s, APG started investigating the extent of environmental contamination from previous activities. In February 1992, routine monitoring found the presence of trichloroethylene in two of Harford County's wells located at APG. It was determined that the TCE contamination was the result of previous firefighting training activities on post.

Working with the county and regulatory agencies, APG officials decided to treat the well water to remove the TCE, and the Army built a GAC filtration facility just inside the post's boundary near Perryman.

(Editor's note: To read the article in its entirety, visit www.apgnews.apg.army.mil, Dec. 4, 2003.)



Photos courtesy of NSCMP

Don Benton, Non-Stockpile Chemical Materiel Program engineer, explains the MAPS' air filtration system. MAPS work areas are designed to contain any possible vapor release when treating recovered smoke and chemical munitions, increasing worker and environmental safety.

Community input, cooperation key to APG's new MAPS

Louise J. Dyson
NSCMP

For many years, residents in communities surrounding Aberdeen Proving Ground expressed concern regarding the noise and possible risk caused by the occasional open detonation of recovered World War I and II-era chemical and smoke munitions.

In response, the U.S. Army's Non-Stockpile Chemical Materiel Program along with APG and the State of Maryland took on the effort to design and construct the Munitions Assessment and Processing System.

"The facility will provide Aberdeen Proving Ground with a facility for safely treating chemical and smoke munitions recovered during the installation's on-going environmental restoration program," said Don Benton, NSCMP's MAPS project manager. "One of the most exciting aspects of the MAPS is that it will provide APG with a safe and viable alternative to minimize the open air detonation of recovered chemical and smoke-filled munitions."

Since late 1998, Benton has managed the team that designed and is now constructing the facility. The

MAPS is located near the Edgewood Area's highly secure N-Field Storage Area where recovered chemical and smoke munitions are stored. This co-location allows for the safe movement of recovered munitions to the facility from the storage area. MAPS will process explosively configured munitions containing chemical agents and acidic smoke mixtures recovered on APG.

Lt. Col. James P. Fletcher, product manager, Non-Stockpile Chemical Materiel, is proud of the work his engineers have undertaken.

"...the first facility of its kind in the United States... We have designed a facility that maximizes safety to workers and the public using the most modern technology available," Fletcher said. "The design incorporates ideas received from the public, which made them partners with NSCMP in this endeavor. When this building is operational in 2005, it will be a key tool in the Army's mission to leave a cleaner, safer Harford County to future generations."

(Editor's note: To read article in its entirety, visit www.apgnews.apg.army.mil, Jan. 22, 2004.)

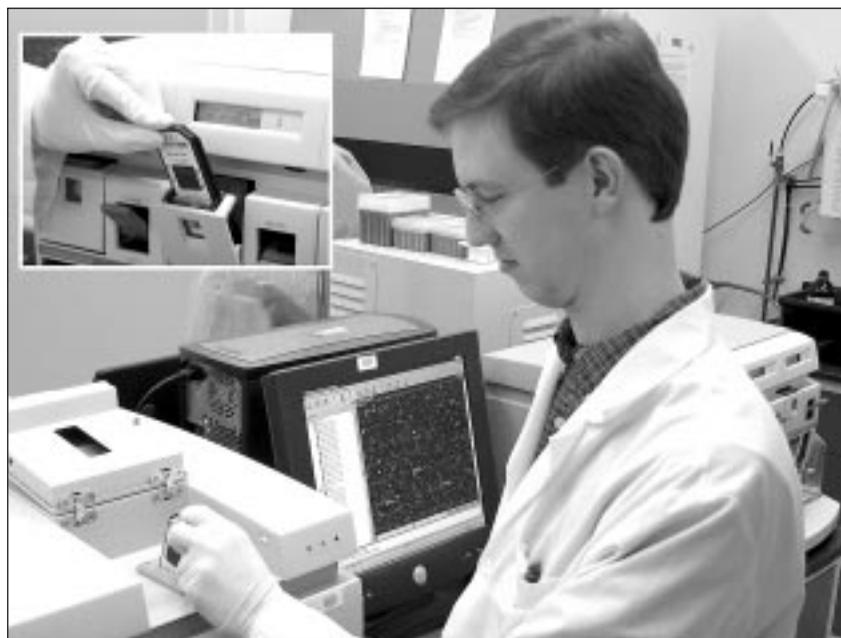


Photo by STEPHANIE FROBERG

The GeneChip Fluidics Station (inset) washes the genechip and stains it with fluorescent dye. Dr. James Dillman, principal investigator, then inserts the genechip into the GeneArray Scanner, which identifies the genes affected by the CW exposure or by treatment compounds. Results of the scan are displayed on the computer screen.

MRICD expands its biotech research facilities

Cindy Kronman
MRICD

The U.S. Army Medical Research Institute of Chemical Defense continues to expand its technologically advanced capabilities with the introduction of an Affymetrix Core Facility.

The institute acquired the Affymetrix GeneChip Instrument system last year, but recently completed renovations to lab space to create a dedicated facility for the system and its components.

"Obviously it took a tremendous effort from a lot of people to put the facility in place," said MRICD Commander Col. Gennady Platoff at the ceremonial ribbon cutting. "This is a wonderful opportunity for the future at ICD and a prelude of what is to come."

The new technology is an asset of the institute's Toxicogenomics Team in the Applied Pharmacology Branch.

Led by principal investigator Dr. James F. Dillman III, the Toxicogenomics Team does research to identify global changes in gene and protein expression, modification, and function in response to exposure to a chemical warfare agent. Identifying these changes will assist scientists in defining how the chemical warfare agents work and assist in developing medical countermeasures.

When analyzing samples from experiments studying pretreatment or treatment compounds, scientists can look at the compounds' effectiveness at the molecular level and see why a compound may or may not be effective.

Other members of the team include Chris Phillips, who has a master's in molecular biology from Towson University, and three post-graduate Oak Ridge Institute for Science and Education program interns: Linda Dorsch, Alison Hege, and Albert Sylvester.

"The advantage of the Affymetrix technology is that it allows scientists to study thousands of genes simultaneously and to put together pathways of injury more quickly than we would be able to do otherwise," Dillman said. "It thereby accelerates the drug discovery and drug screening processes."

(Editor's note: To read article in its entirety, visit www.apgnews.apg.army.mil, Feb. 19, 2004.)

APG reaches out to the community



Photo courtesy of AEC PAO

Peggy Gieseck, director of the Base Operations Support Division of the U.S. Army Environmental Center, reads to Tracy Moretti's third grade class at Edgewood Elementary's annual reading day Feb. 4.

School partnership wins Army community relations award

AEC

The partnership between the U.S. Army Environmental Center and the Edgewood Elementary School received the Army's top award for community relations in March during the 2004 Worldwide Public Affairs Conference in Vienna, Va.

The school partnership program earned the "Award of Distinction" from the Army's Chief of Public Affairs for the efforts that supported the educational development of the students at Edgewood Elementary during 2003.

The opportunity for locally based Soldiers and Army civilians to connect with children in the surrounding community is a major benefit of a partnership first chartered Oct. 27, 1997, between Edgewood Elementary School and AEC. Volunteers support the school by sharing knowledge of the Army's environmental stewardship, sciences, and professional career paths with students and teachers.

Public outreach is an important part of the mission of the Army's environmental programs, according to Col. James M. De Paz, AEC commander. He said that [their] relationship demonstrates that the Army cares for the environment and is committed to helping its neighbors.

The center is not the lone organization on APG providing community support.

For example, the U.S. Army Ordnance Center and Schools; the Program Executive Officer for Chemical Biological Defense, Program Manager, Smoke and Obscurants, the Chemical Biological Detection Team; the PM for NBC Defense Systems; the APG garrison staff; and the 143rd Ordnance Battalion have participated in school educational events by providing displays, demonstrations and expertise.

(Editor's note: To read article in its entirety, visit www.apgnews.apg.army.mil, April 1, 2004.)



Photo by W. BEN BUNGER III

Shawn Sparks, a physicist in the Laser/Optical Radiation Program at the U.S. Army Center for Health Promotion and Preventive Medicine, demonstrates the testing of a solid-state laser cavity to students at C. Milton Wright High School Career Day Feb. 18. Sparks was one of four CHPPM professionals on hand at the school's Career Day to discuss federal government and armed forces career requirements, duties, salaries and job opportunities.

CHPPM shows career opportunities in the sciences, medicine to local students

CHPPM

The U.S. Army Center for Health Promotion and Preventive Medicine professionals participated in Career Day at C. Milton Wright High School, Bel Air Feb. 18.

The purpose was to familiarize students and teachers with the different career paths available to them in the real world.

"The students learned of the employment benefits offered by the federal government," said Ann Ham, CHPPM public affairs officer. "They also learned that CHPPM is composed of personnel functioning in several different careers including, but not limited to, all of those related to science, the environment and preventive medicine. They became familiar with job descriptions and salary tables commensurate with education levels."

Carmen Adrover and Lillian Boyd, both from the Directorate of Laboratory Sciences, represented the technical and professional personnel, respectively, in DLS. They presented the students with a book containing a virtual tour in pictures of the laboratories so that the students would have a better understanding of the different professions and everyday jobs that the DLS staff perform.

"The students gained a new appreciation for the types of career paths available to them as they approach graduation," Adrover said.

Shawn Sparks, a physicist in the Laser/Optical Radiation Program, demonstrated equipment he uses in his work and furnished information about his career path to interested students.

Brian Pickard of CHPPM's Water Supply Management Program talked with students about his work in water supply management that potentially affects water quality in local areas and around the world.

"Many students had a desire to pursue careers in sciences but were deterred by the fear of insufficient scientific jobs in the job market," Pickard said. "I hope our time here helped defray those fears."

The students were given flyers, handouts and other information about job opportunities with the federal government and the armed forces in the fields of science and medicine.



A sea of donated toys awaits delivery to representatives of Neighbors Involved in the Community of Edgewood, N.I.C.E., Dec. 16, for distribution to needy children in Harford County.

RDECOM holds 17th annual food, toy drive

Story and photo by

Eva Mims

Special contributor

With the goal of supporting more than 75 families in the Edgewood community, the U.S. Army Research, Development and Engineering Command, sponsored its 17th Annual Food and Toy Drive October to December.

All donated items were presented to representatives of Neighbors Involved in the Community of Edgewood, N.I.C.E., during a reception at the Edgewood Chemical Biological Center's Berger Laboratory Dec. 16. NICE delivers the donations to families who submit a request through Harford County Social Services.

Maj. Gen. John C. Doesburg, commander of RDECOM and Aberdeen Proving Ground, and Jim Zarzycki, ECBC technical director, led the ceremony.

"We, as an organization must measure ourselves not just by our technical accomplishments, but also by our spirit," Zarzycki said. "The Food and Toy Drive says a lot about how our organization lives life. It demonstrates the passion in the organization for what we do."

"It was hard to believe that we could have surpassed last year's accomplishment in quantity, quality and enthusiasm, but we did because of your efforts. Thank you so much for a great job."

The drive is projected to help more than 75 families.

The event included caroling, a visit from Santa, and musical entertainment from the RDECOM Christmas Ensemble.

The toy drive began in 1987 in the Physical Protection Directorate, of which ECBC now has the lead, and was led by Dianne Herron to bring Christmas joy to needy children in Harford County.

Three hundred sixty-eight toy baskets were given out that year.

Donations of non-perishable food were added to the drive in 1990.

Donations have been given to the Salvation Army of Harford County, Army Community Service, the John Archer School and the Edgewood Sharing Table.

(Editor's note: To read article in its entirety, visit www.apgnews.apg.army.mil, Dec. 24, 2003.)

MCSC donates \$5,000 to local organizations

Sonya P. Reynolds

APG News

Through their fundraising efforts this past year, the Aberdeen Proving Ground Military and Civilian Spouses' Club raised \$5,000 to donate to various charitable organizations on Aberdeen Proving Ground and other organizations in the community.

This year's recipients of MCSC funds include the 16th Ordnance Battalion Family Support Group, the 580th Theater Army Medical Laboratory Family Support Group, the APG Post Chapel, the Post Library children's section, APG Boy Scouts, Cub Scouts and Cadette Girl Scouts, Church Creek Elementary, Havre de Grace High School Wrestling, Aberdeen High School Cheerleaders and Bandfront, Roye Williams Elementary School, St. Joan of Arc-science materials, and the Kids and Chemistry program, Edgewood and Aberdeen area Junior Girl Scouts, Military Wife Gold Star Flag Project and the Warrior Scholarship Foundation.

MCSC gave a total of \$2,900 in

scholarships. The First Command Educational Foundation Scholarship Fund was awarded to Kimberly Caughey. The full-time student scholarships winners were Sarah Burnett, Lisa Caughey and Grace Frankenhauser.

The part-time student scholarship winners were Katrina O'Connell and Anita Arias.

The MCSC serves a dual purpose. Its primary goal is to raise money through fundraising efforts including bake sales, ticket sales, volunteer gift wrapping, etc.

It also supports Aberdeen Area and Edgewood Area organizations as well as those in the surrounding and supporting communities.

MCSC encourages members in the community to build relationships with each other through various programs. The monthly programs allow its members to add a bit of variety to their social life as well as enable them to help give back to the community.

For more information on the club, visit www.apgmcsc.org.

(Editor's note: This is a reprint from APG News issue June 12, 2003.)



Photo by YVONNE JOHNSON

Soldier dad leads school PTA

Maj. Mike Bush, executive officer, U.S. Army Chemical Materials Agency, and president of the Edgewood Middle School PTA, hands pencils and a pin souvenir to Ashley Weber, 9, a 4th-grade student, during the school's Art Show March 19. (To read article, visit www.apgnews.apg.army.mil, April 8.)

USAF Detachment cleans up adopted highway

Story and photo by
Yvonne Johnson
APG News

Elements of the U.S. Army Ordnance Mechanical Maintenance School's U. S. Air Force Detachment 1 lived up to their civic duty Oct. 18 as about a dozen service members and a spouse performed a quarterly clean up operation on Route 132, better known as Old Post Road in Aberdeen.

Led by Detachment Commander Maj. Steve Pratt, and retired Army Sgt. 1st Class Bill Fuentes, instructor and president of the Unit Advisory Council, the group scoured the sides of the highway extending between Routes 40 and 22 in keeping with the requirements of the city's Adopt-A-Highway program.

Fuentes said the project is just one of several community service commitments adopted by the unit.

"They volunteer at Perry Point [Veteran's Administration Medical Center] Hospital, clean up playgrounds, and do other things to serve the community," Fuentes said.

They split into two groups, most donning the bright orange safety vests with the Adopt-A-Highway logo on the back, combing each end of the road with large trash bags, collecting bottles, cans, and various other trash, including a skateboard and a mud flap off an 18-wheeler tractor.

"This is our highway," said Staff Sgt. Chris Herman as he dumped several soda cans into his bag.

"This is just one of many ways we serve," Staff Sgt. Tom Alford said as they departed for a group breakfast at a nearby McDonald's. "We're always into something."

Staff Sgt. LeAndrea Walker said the unit also is involved with Habitat for Humanity as well as unit fundraisers for families.



Above, members of U.S. Air Force Detachment 1 approach the Adopt-A-Highway sign on Route 132 at the end of their clean up operation Oct. 18. (The acronym "S.W.A.T." stands for "Sewage, Waste and Trash.")

"The biggest thing is our Thanksgiving potluck which the entire unit participates in," Walker said.

Pratt commented on the detachment's close relationship with the APG and Aberdeen community.

"It's very important to contribute our time and effort wherever they are needed," he said. "Our staff and students appreciate the benefits the area offers."

(Editor's note: To read article in its entirety, visit www.apgnews.apg.army.mil, Oct. 23, 2003.)

Demo keeps interest in science high

Story and photo by
Sonya P. Reynolds
APG News

A scientist from Aberdeen Proving Ground continues his efforts to keep students interested in science.

For the 15th consecutive year Dr. Robert J. Lieb, a research physicist at the U.S. Army Research Laboratory, conducted a science demonstration for third grade students at Ring Factory Elementary School in Bel Air May 20.

Lieb conducted experiments showing how liquids change into solids by the temperature and change into gases by boiling.

"The demonstration is meant to show the children new ways to look at things they have seen before, and try to understand and predict what will happen in a new

situation," Lieb said.

Michael Leadore, senior technician, ARL, said his daughter's participation in science demonstrations with Lieb helped her determine her future.

"I brought my daughter to demonstrations like this when she was in the third grade. She's 16 now and still wants to be a scientist today," Leadore said.

To show their appreciation, the students sent letters of appreciation to Lieb a few days after the demonstration.

Lieb hopes that his small effort helps children maintain an interest in science.

(Editor's note: To read article in its entirety, visit www.apgnews.apg.army.mil, June 26, 2003.)



Dr. Robert J. Lieb, U.S. Army Research Laboratory research physicist, enlarges a balloon by lowering the pressure of gas surrounding it during a science demonstration, Ring Factory Elementary School May 20.

Harford County shows military appreciation

Partnership appreciated on both sides

Eleanore Hajian

U.S. Army Environmental Center

Fifteen fourth- and fifth-grade students from Edgewood Elementary School brought appreciation and cheer to the U.S. Army Environmental Center Nov. 19.

With poems, a cheer and a song - all lyrics written by the students themselves - they told staff and leadership how much they value AEC's longstanding partnership with the school.

The special performance was part of an annual ceremony to renew the partnership, first chartered Oct. 27, 1997, to support the educational experience of Edgewood Elementary School students.

The ceremony took place in the U.S. Army Research and Development Engineering Command conference center at Aberdeen Proving Ground's Edgewood Area.

Through partnership, AEC promotes the Edgewood Elementary curriculum by sharing knowledge of the environmental sciences and of professional career paths with students and teachers throughout the school year.

"Together we have really become a community - a community of learning, a community of helping children achieve," said Edgewood Elementary Principal Allyn Watson.

(Editor's note: To read this article in its entirety, visit www.apgnews.apg.army.mil, Dec. 4, 2003 APG News.)



Photo by NEAL SNYDER

Put It There, Partner:

Col. James De Paz, commander of the U.S. Army Environmental Center, offers his hand to Andre Joyner, a fifth-grader at Edgewood Elementary School, on receiving a gift to honor the renewal of the partnership between the center and the school Nov. 19.



Photo by Neal Snyder

Sgt. Irvin Collins from Headquarters and Headquarters Company, 143rd Ordnance Battalion, shows a group of 2nd graders a piece of chicken from an MRE (Meal, Ready to Eat) following a demonstration of how soldiers heat the meals in the field.

Edgewood Elementary celebrates Veterans Day with AEC

Story Eleanore Hajian

AEC

Children at Edgewood Elementary School marked Veterans Day by learning more about being a Soldier during Military Appreciation and Awareness Day held Nov. 6.

The event, coordinated by the U.S. Army Environmental Center as part of its educational partnership with school, brought together organizations from across Aberdeen Proving Ground and the community to share their military knowledge with students.

Students experienced a color guard demonstration, learned about Army field gear and Soldier training, spoke to veterans, climbed into a High Mobility Multipurpose Wheeled Vehicle, or HMMWV, and saw artifacts from the Civil War. They also had a chance to look inside a police car and talk to McGruff the Crime Dog.

Participants included Headquarters and Headquarters Company, 61st Ordnance Brigade; HHC, 16th Ordnance Battalion, HHC, 143rd Ordnance Battalion, American Legion Post 17, APG Directorate of Law Enforcement and Security and numerous volunteers from AEC.

(Editor's note: This is a reprint of APG News article Nov. 20, 2003.)



Vera Ruark, APG Child Development Center caregiver, watches as Lisa Jones, Office Depot representative, passes out backpacks donated by the company to CDC kindergartners, from left, Jadyne McKinney, Jalisa Arango and Tanay Caver, returning from their first day of school at the Child Development Center Aug. 26.

Local business donates backpacks

Story and photo by
Sonya P. Reynolds
APG News

In an effort to give back to the community, Office Depot teamed up with the Aberdeen Proving Ground Child Development Center and donated more than 30 backpacks to school-aged children Aug. 26.

Inside each backpack was a folder, a pencil pack with an eraser, pencils and a note pad.

Ruth Strauss, director, CDC, said when Office Depot contacted her she was more than willing to accept the donations.

Lisa Jones, federal government account representative for the Business Services Division at Office Depot, said it is a normal practice for Office Depot to donate backpacks to county schools. As a representative for the federal government, she said it was a great idea to give back to military children.

Office Depot is looking forward to implementing other programs with various organizations on post by offering discounts on office supplies to military and civilian personnel, Jones said.

Office Depot is looking forward to implementing other programs with various organizations on post, Jones said.

(Editor's note: This is a reprint from the APG News Sept. 11, 2003 issue.)

Eagle Scout candidate organizes renovation

Michelle Walker-Alexander
Special contributor

Before winter was over, Sean Hannon of Boy Scout Troop #429 was planning to make a difference in the community.

To earn the rank of Eagle Scout, a candidate must spearhead a leadership project that will enhance the local community and display organizational and leadership skills.

With the encouragement of his Scout Master Jeff Mathis, Hannon saw an opportunity to enrich the community by beautifying the golf course.

Hannon decided to give the Chesapeake Challenge Amusement Miniature Golf Course a facelift.

"I felt like this was a new challenge for me, putting everything together from start to finish,"

Hannon said.

Hannon was then faced with the process of creating a project proposal containing the current condition of the site, proposed modifications and improvements, and estimates of cost and labor requirements for review and approval by the District Advance Committee.

After approval, the Aberdeen Proving Ground Outdoor Recreation Division granted permission to begin.

To secure the needed funds and manpower, Hannon had to be clever, resourceful and persuasive.

"It took charm and skill to convince Marines, young children and peers to freely give a weekend to paint, landscape and perform light repairs," Hannon said.

Using equipment on loan from



Photo courtesy of SEAN HANNON
Volunteer Cub Scout Mark Crawford, left, and Boy Scout John Crawford dig out a waterfall area at Chesapeake Challenge Amusement Putt-Putt Golf Course.

APG's Directorate of Installation Operations, the volunteers worked hard from early in the day through the late afternoon.

Hannon estimated 373 volunteer manpower hours.

"I couldn't have done it without all the great workers I had," Hannon said.

When tackling projects of this magnitude, Hannon offers the following advice:

"I learned that you have to look

at the big picture and that communication with all persons involved is the key to success."

In the words of Wayne Doyel, director of Outdoor Recreation, the candidate and his crew did, "A really nice job. The results are a brighter, safer, friendly place for a round of miniature golf."

(Editor's note: To read article in its entirety, visit www.apgnews.apg-army.mil, Sept. 4, 2003.)

General Physics plays Santa at APG

APG News

Representatives of General Physics Corporation played Santa - delivering toys, clothing and a holiday meal for 11 families in Headquarters and Headquarters Company, 16th Ordnance Battalion on Dec. 18.

What started out as a grassroots effort at GPC by retired Sgt. 1st Class Dave Milton turned into a snowballing e-mail throughout the company that brought forth many donations.

To demonstrate their appreciation, GPC employees donated funds and solicited area businesses for additional contributions to provide a memorable Christmas experience for 11 families representing 29 children.

"We shopped not only for toys



Photo by DEBI HORNE

From left, Sgt. 1st Class Harvey Thomas, Headquarters and Headquarters Company, 16th Ordnance Battalion, Doug Sharpe, president, General Physics Corporation, 1st Sgt. Neil Washington, HHC, 16th Ordnance Battalion, Dave Milton, GPC, and Capt. Jeffrey Long, commander, HHC, 16th Ordnance, discuss the distribution of toys donated for 11 enlisted families of the battalion Dec. 18.

and clothing, but also for a holiday meal," Milton said.

Doug Sharp, GPC president, said his company has been supporting Aberdeen Proving Ground through contracts with the Directorate of Safety, Health, and Environment

and the Chemical Material Agency's Chemical Agent Disposal Program.

General Physics operates the U.S. Army's Chemical Demilitarization Training Facility at the Edgewood Area.

"We are proud of the opportunities we have to support Aberdeen Proving Ground's mission," Sharp said.

(Editor's note: To read this article in its entirety, visit www.apgnews.-apg.army.mil, Dec. 24, 2003.)

Local school children show support of troops



Photo by MELISSA DANIELS

Beth Goodwin and students from the Roye Williams Elementary School student support group decorate a tree outside the school to show their support for deployed troops.

Suzanne Wills
Special contributor

Anyone visiting Roye-Williams Elementary School will see the patriotic spirit, pride, and support of the military displayed on trees, in classrooms, and employees and students donning yellow ribbons in support of the troops and red, white, and blue ribbons to show their patriotism and pride for the military.

With many of the students, employees, and volunteers of the school being military, RWES has felt the impact of the recent deployment of Soldiers from Aberdeen Proving Ground.

Elizabeth Goodwin, a school instructional assistant (and a military spouse for over 20 years) and Amy Cattrano, the school guidance

counselor, have joined together to start a support group for the students who have family members deployed.

Recently, several of the students showed their patriotism, love, and support by tying yellow ribbons on trees in front of the school.

"The children in the group will keep daily journals so when the deployed family member returns they can reconnect and catch-up," Goodwin said.

"It is great to see a school come together and show their support for the troops and love of their country while showing love and support for one another," Goodwin said.

(Editor's note: To read the article in its entirety, visit www.apgnews.-apg.army.mil, May 1, 2003.)

THANKS

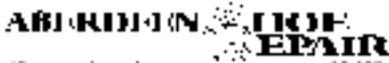
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ORGANIZATIONS From page 11
Gap, Pa., U.S. Army Training and Doctrine Command and 80th Division (IT) as required. For more information, call Emma Fezell or Carmen Lauro at 410-278-4900/4955.

HEADQUARTERS, AVIATION DEPOT MAINTENANCE ROUNDOUT UNIT

Provides mobilized Army and in-theater tailored backup aviation intermediate maintenance and limited depot aviation maintenance capabilities. Currently supports Army aviation deployed in all theaters. Four subordinate aviation logistics units located in Connecticut, California, Missouri and Mississippi comprise 1,440 spaces.

For more information, call 410-436-2635.

MARYLAND ARMY NATIONAL GUARD MILITARY YOUTH CORPS (CHALLENGE)

The Maryland National Guard Freestate Challenge Academy is a program for at risk youth of the State of Maryland and the District of Columbia, males and females ages 16 through 18, that are high school dropouts. It is a 'no fee' program sponsored by the National Guard Bureau and the State of Maryland. All applicants must be volunteers, drug free, and have no pending court dates or probation.

For more information, call 410-306-1801 or 1-800-820-6692.

MATERIEL OPERATIONS DIVISION, NATIONAL GROUND INTELLIGENCE CENTER

Provides logistical management of all foreign materiel used in exploitation and research programs and fabricates model-size targets. For more information, call 410-278-5295.

NORTHEAST CIVILIAN PERSONNEL OPERATIONS CENTER

Provides comprehensive human resource services and support to assigned installations and activities in the Northeast Region, to include Headquarters, Department of the Army. Provides civilian personnel guidance and creative solutions using state-of-the-art technology. Delivers civilian personnel management program that provides the

Army chain of command the ability to recruit, train, develop and use Army civilians to meet any assigned mission.

For more information, call 410-306-0007/0008.

PROGRAM EXECUTIVE OFFICE-GROUND COMBAT SYSTEMS (PEO-GCS) AND PROGRAM EXECUTIVE OFFICE-COMBAT SUPPORT & COMBAT SERVICE SUPPORT (PEO-CS&CSS) APG FIELD OFFICE

Provides on-site coordination and liaison with research and development and test activities at Aberdeen Proving Ground. Operations include coordination, planning and monitoring operations and developments relating to test programs sponsored by program managers assigned to PEO-GCS and PEO-CS&CSS. There is the Abrams Tank Systems and Bradley Fighting Vehicle Systems, which fall under PEO-GCS. There is also Medium Tactical Vehicles (PM MTV), Heavy Tactical Vehicles (PM HTV) and Bridging (PM Bridging), which falls under PEO-CS & CSS.

As of May 6, the Abrams Tank Systems and the Bradley Fighting Vehicle Systems have combined and fall under one PM, which is PM Combat Systems. For more information, call 410-278-2773.

61ST ORDNANCE BRIGADE/U.S. ARMY ORDNANCE MECHANICAL MAINTENANCE SCHOOL

Provides for the education and training of selected U.S. and foreign military and civilian personnel in the fields of materiel maintenance and integrated materiel management of combat firepower and ground mobility materiel, logistics management (supply and maintenance) and combat service support. Supports active Army, National Guard, Army Reserve, and Reserve Officers' Training Corps elements as directed by the U.S. Army Training and Doctrine Command. Trains Army units for deployment, as well as mobile training teams.

ATTACHED TO THE 61ST ORDNANCE BRIGADE:

U.S. Air Force Detachment 1, 363rd Technical Training Squadron

Provides administrative support to Marine Corps and Air Force stu-

dents and instructors while assigned to the U.S. Army Mechanical Maintenance School for training or as staff and faculty.

389TH ARMY BAND (AMC'S OWN)

Provides military band support for all U.S. Army Materiel Command installations, U.S. Army recruiting programs in the northeast continental United States, and civilian communities scattered throughout northeast CONUS. When required, assists the U.S. Army Special Bands in the Military District of Washington in the performance of ceremonies, concerts and other musical requirements.

For more information, call 410-278-7953.

308TH MILITARY INTELLIGENCE BATTALION, COMPANY A

Provides counterintelligence support, operational security, advice, assistance and evaluations to local commanders. Conducts counterintelligence operations within areas of responsibility in Maryland, Pennsylvania, Delaware and

Virginia.

For more information, call 410-278-2950.

29TH INFANTRY DIVISION (LIGHT)

Provides command and control, staff planning, and supervision of Division Aviation Brigade Operations. Supports maneuver brigades with attack and assault helicopter battalions. Provides peacetime command direction to the Divisional Reconnaissance Squadron, Combat Electronic Warfare Intelligence Battalion and the Intermediate Aviation Maintenance Company. Provides aviation and ground support during state emergencies.

For more information, call 410-612-4103, or send a FAX to 410-436-3244.

203RD MILITARY INTELLIGENCE BATTALION

Deploys technical intelligence teams to collect, identify, assess, and exploit enemy weapons and materiel worldwide. Establishes a Captured Materiel Exploitation Center (Combined, Joint or Army) in support of Army and theater

commanders.

For more information, call 410-278-7825.

U.S. ARMY ABERDEEN TEST CENTER

As the Army's most diverse multi-purpose proving ground, U.S. Army Aberdeen Test Center is the lead agency for land combat and direct fire testing within the Department of Defense. After more than 80 years, ATC has developed into a world-class testing, training, modeling, simulation, and experimentation facility and laboratory - focused on giving the American warfighter superior and safe equipment and technology. supports testing worldwide utilizing extensive mobile instrumentation, satellite communications, leading-edge technologies, and the wide-ranging expertise of a professional work force. By using a comprehensive array of capabilities, unique facilities, simulators and models, enables testing and experimentation from the component level through the entire system.

The breadth of military weapon systems and equipment tested at ATC, DoD's only temperate (not tame) cli-

mate proving ground, includes: tracked and wheeled vehicles, guns, ammunition, bridges, generators, night vision devices, individual equipment (boots, helmets, etc.), material handling equipment, surface and underwater naval systems. Items can be subjected to a full range of tests from automotive endurance and full weapon performance with environmental extremes, to full-scale live fire vulnerability, survivability, lethality testing, as well as fire safety, fire suppression, and flammability testing.

As an accredited federal laboratory, ATC is a leading center for technology transfer and dual-use partnership initiatives within and among DoD, industry, and academia.

For more information, call the Public Affairs Office, 410-306-4010, or visit www.atc.army.mil.

U.S. ARMY AUDIT AGENCY

The agency serves America's Army by providing objective and independent auditing services. Helps the Army make informed decisions, resolve issues, use resources effectively and efficiently, and satisfy

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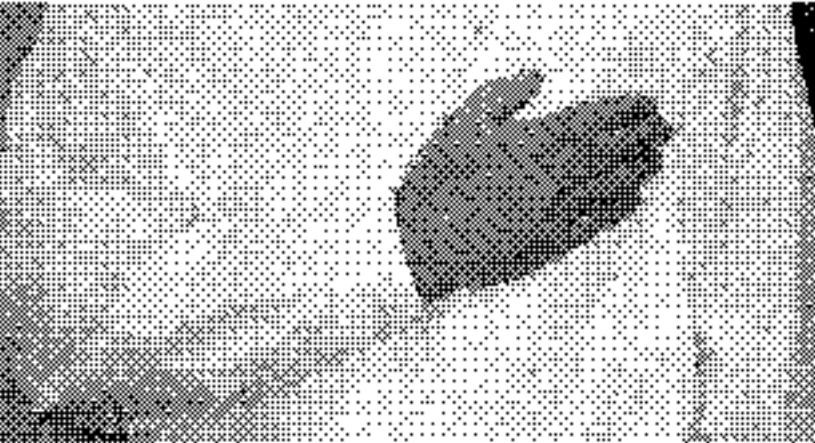
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Provides health promotion and preventive medicine leadership and services to counter environmental, occupational, and disease threats to health, fitness and readiness in support of the national military strategy.

For more information, call the Public Affairs Officer, Ann Ham, 410-436-2088, or visit <http://chppm-www.apgea.army.mil/>.

**U.S. ARMY CONTRACTING
AGENCY**

The U.S. Army Contracting Agency's APG Directorate of Contracting supports Soldiers through contracting. Provides direct-support installation contracting to the Garrison APG, Army Test and Evaluation Command organizations, U.S. Army Medical Command units, and Aberdeen and Edgewood area tenants on an exception basis.

In addition, the ACA APG DOC is responsible for conducting Contracting Officer Representative training, managing the local Army Government Purchase Card program, and serving as business advisors to the GAPG government community.

Procurement professionals act on 7,000 purchase requests per year and award contracts valued at approximately \$400 million annually, establishing the ACA APG DOC as one of the busiest installation contracting organizations in the entire U.S. Army. Assists government and business partners in developing acquisition solutions.

For more information, call the ACA APG DOC at 410-278-0836.

**U.S. ARMY CORPS OF
ENGINEERS, ABERDEEN
RESIDENT OFFICE**

The Baltimore District, U.S. Army Corps of Engineers local office is responsible for construction management and construction contract administration for military and civil works construction projects in northeastern Maryland. Provides

liaison with APG for ongoing military construction projects on the installation.

For more information, call 410-436-2470.

**U.S. ARMY CORPS OF
ENGINEERS
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REMEDiation RESIDENT
OFFICE**

Provides technical assistance and contract oversight for environmentally funded projects throughout Maryland and Delaware, with a primary focus of supporting APG's environmental cleanup effort.

For more information, call 410-671-6003.

**U.S. ARMY DEVELOPMENTAL
TEST COMMAND**

As the Army's premier organization for conducting developmental tests of weapons and equipment, possesses the largest, most diverse array of testing capabilities in the Department of Defense. Tests military hardware of every description on highly instrumented ranges and test courses under precise conditions across the full spectrum of natural or controlled arctic, tropical, desert and other environments. DTC's test technologies and facilities are helping the Army develop and acquire the equipment and systems it needs to transform into the responsive, lethal, agile and highly versatile military force of the 21st century envisioned by the Army Chief of Staff and senior Army leadership.

The DTC family comprises thousands of highly trained professional men and women, Soldiers, civilians and contractors, who are dedicated to ensuring that the equipment used by today's Soldier provides a decisive edge on the field of combat.

The rigorous testing has been credited with helping to save the lives of Soldiers in Iraq, whose improved vehicle armor, tested at the U.S. Army Aberdeen Test Center, withstood attack by rocket-propelled grenades.

Offers a full range of test services and provides unbiased test data. Support services help the Army evaluate the technical feasibility of early concepts, determine system performance and safety, assess technical risks during system development, confirm designs, and validate manufacturers' facilities and

processes at both system and component levels.

Testing capabilities are offered to all U.S. military services and Defense Department organizations, other federal agencies, state and local governments, foreign and allied governments, and private industry. Headquartered at APG, DTC operates three test installations and five other test centers located across the continental United States and in Alaska.

For more information, call the Public Affairs Office, 410-278-1141/1143.

U.S. ARMY ENVIRONMENTAL CENTER

The U.S. Army Environmental Center provides environmental program management and technical support products and services in support of Army training, operations, acquisition and sound stewardship. It serves as the Army's point organization for supporting implementation of environmental programs that facilitate sustainable Army training and operations while protecting the environment.

For more information visit <http://aec.army.mil/usaec> or call

410-436-2556.

U.S. ARMY GUARDIAN BRIGADE

A major subordinate command currently under the Army Materiel Command, Guardian Brigade is expected to evolve into the Chemical, Biological, Radiological, Nuclear, and Enhanced High Yield Explosives Command and transition to Forces Command before the end of this year.

The brigade was established Oct. 15, 2003, as an interim measure to counter the threat of weapons of mass destruction and will become the single point of contact for the Army for CBRNE operations. The CBRNE Command will be a deployable full-spectrum operational level command to manage existing and programmed CBRNE assets in support of combatant commanders or the homeland. The command provides the Army a scalable response capability that is designed to tailor responses to meet a wide range of scenarios.

The organization maintains technical links with appropriate joint, federal and state CBRNE assets, as well as research, development and

technical communities to assure Army CBRNE readiness. The range of services spans the full spectrum of a chemical/biological event, including but not limited to incident management, detection, monitoring, sampling, assessment, analysis, limited decontamination, packaging, escort, disposal or neutralization of the hazard and disablement or elimination of any CBRNE weapons of mass destruction production facilities.

Guardian Brigade organizations include an Aviation and Signal Detachment, the Army Reserve Unit - Consequence Management, the former Chemical Biological Rapid Response Team and the Technical Escort Unit.

Army Reserve Unit - Consequence Management

Operationally controlled by the Guardian Brigade, ARU-CM will also transition to the CBRNE Command this year. When mobilized, ARU-CM Soldiers provide centralized technical subject matter expertise and staff officer augmentation in peacetime and during crises, supporting both the homeland and combatant commanders overseas.

ARU-CM is under peacetime administrative command and control of

U.S. Army Reserve Command through the 99th Regional Readiness Command.

Chemical Biological Rapid Response Team

Forms the operational command and control component of Guardian Brigade. Its capabilities and functions will be integrated into the future CBRNE Command headquarters, which will execute the CB-RRT mission directed by Public Law 104-201. Like the former CB-RRT, the command will provide a specialized CBRNE Technical Augmentation Cell in support of not only the homeland (NORTHCOM), but with an expanded capability to support combatant commanders as well.

The CBRNETAC will deploy and establish a robust and integrated capability to coordinate, synchronize and manage DOD technical CBRNE and medical advice in support of a designated lead federal agency or Joint Task Force commander. The TAC will also provide real-time reachback support to link operators in the field with subject matter experts in the rear.

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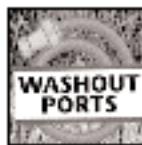




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TEU has over 60 years of experience in the field, including daily hands on experience with live agents in escort and cleanup operations.

For more information about TEU, the Brigade, CB-RRT or ARU-CM, call the Public Affairs Office at 410-436-6455 or e-mail cbrne.pao@apgea.army.mil.

U.S. ARMY MATERIEL SYSTEMS ANALYSIS ACTIVITY

Identified as the center for systems performance, systems effectiveness and logistics analysis, AMSAA conducts responsive and high quality materiel and logistics systems analyses to support decision making for equipping and sustaining the U.S. Army.

AMSAA has a clearly defined vision of being a world class analytical organization committed to giving the Soldier the decisive capability to win across the spectrum of future military operations, providing the analytical expertise to help guide the Army in selecting, acquiring, fielding, and sustaining new technologies, and developing the analytical workforce of the future.

For more information, call 410-278-4661.

U.S. ARMY ORDNANCE CENTER AND SCHOOLS

Provides for the education and training of selected U.S. and foreign military and civilian personnel in the fields of materiel maintenance and integrated materiel manage-

ment of combat firepower and ground mobility materiel, logistics management (supply and maintenance) and combat service support. Also, to support active Army, National Guard, Army Reserve, and Reserve Officers' Training Corps elements as directed by U.S. Army Training and Doctrine Command; train Army units for deployment; train and prepare mobile training teams for deployment. Provides a repository for history, trophies, awards, and other artifacts and recognition pertaining to the Ordnance Corps and to Ordnance personnel. Develops operational doctrine, organizations and materiel needs in support of material maintenance. Serves as the headquarters of the United States Army Chief of Ordnance Corps worldwide.

For more information, call the Ordnance Corps Communications Coordinator at 410-278-2415.

School of Military Packaging Technology

Provides basic, specialized and advanced military packaging training (as well as handling of hazardous materials for transportation training) to Soldiers, civilians and

members of other services, industries, and nations. This mission is accomplished through resident, on site and distance learning modes of instruction.

The school maintains liaisons with Department of Defense and higher education schools, installations and agencies. It provides packaging training assistance, develops official training doctrine and literature and produces audiovisual products to support training and provides guidance in the field of packaging.

U.S. Army Ordnance Museum

Collects, preserves and accounts for historically significant property that relates to the history of the U.S. Army Ordnance Corps and the evolution and development of American military ordnance materiel from the colonial period in American history to the present. Assists in research and development of military ordnance, and supports military training and education through the exhibition and interpretation of historical artifacts and instructions of military and civilian personnel.

Hours of operation: Daily, 9 a.m. to 4:45 p.m.; closed on national holidays, except Armed Forces Day,

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U.S. ARMY RESEARCH, DEVELOPMENT AND ENGINEERING COMMAND

The U.S. Army Research, Development and Engineering Command is one of the Army's newest major subordinate commands. The command became an official U.S. Army Materiel Command major subordinate command on March 1, 2004. The command's objectives are to: get the right integrated technology into the hands of Warfighters quicker; integrate research, development, and engineering across the Army and the Department of Defense, universities, and other science and technology resources; and take advantage of opportunities rapidly, no matter where they arise.

Established as a provisional command in October 2002 under the command of Maj. Gen. John C. Doesburg, RDECOM has moved independent organizations into an integrated command of interdependent organizations. Headquartered at APG, the command promotes and facilitates coordination and agility to stay ahead of ever-changing technological advances.

The command vastly expands working relationships with other Army elements, industry, academia, other military services, other government agencies and international partners, by focusing on improving management, coordination and integration of research, development and engineering. The command has established Memoranda of Understanding with the U.S. Army Training and Doctrine Command and the U.S. Army Test and Evaluation Command to increase coordination between these commands and the Army's science and technology community.

The relationship with U. S. Army Training and Doctrine Command will include the full integration of doctrine, training, leadership, organization and Warfighter considerations into the technology development and transition process. Similarly, the relationship with the U.S. Army Test And Evaluation Command provides comprehensive testing considerations in technology and technology programs to facili-

tate the rapid, effective development and transition of technology to the Warfighter.

RDECOM's technology expertise, analytical capabilities and unparalleled collaboration with academia and industry provide cutting edge technology to the Warfighters in all services. As the Army transforms, it must be able to exploit and apply technological solutions from across the world to a wide spectrum of threats in near real time. RDECOM gives the Army and the nation that capability.

SUBORDINATE COMMAND Edgewood Chemical Biological Center

Located in the Edgewood Area of APG, the Edgewood Chemical Biological Center, a RDECOM organization, provides state-of-the-art science, technology and engineering solutions to meet the rapidly changing needs of the Warfighter. The center offers more than 85 years experience in chemical and biological defense research and development.

ECBC fosters research, development, testing, and application of technologies for protecting U.S. Warfighters and our homeland from chemical and biological warfare agents. The center responds to the full set of challenges posed by the global war on terror, homeland security and the continued evolution of the Warfighter mission-including chemical, biological, nuclear and radiological threats.

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U.S. ARMY TEST, MEASUREMENT AND DIAGNOSTIC EQUIPMENT SUPPORT CENTER - ABERDEEN

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MWR invites all

Morale, Welfare and Recreation provides Soldiers and their family members with many fitness, entertainment and family support outlets. MWR exists to enhance the quality of life, contribute and maintain the morale of the Army community, enrich living and working environments, and foster a sense of community for Soldiers, family members and civilians. The development and growth of the military community's well-being is, in great part, due to support from quality MWR programs.

Upcoming events include country concert featuring Montgomery Gentry and Blue County on July 17 and Gospel singer Shirley Caesar concert, July 18. Passes for APG pools are on sale. For more information, call 410-278-4907, or visit <http://www.apgmwr.com>.

Commentary--Appreciating the military

Jack McLaughlin
Special contributor

With the continuing presence of U.S. military personnel in Iraq and Afghanistan, May 15 through 22, Armed Forces Week, should be especially important to all of us.

Harford County has had a special relationship with the military and Aberdeen Proving Ground for over three quarters of a century. The installation is the largest employer in the region and its world-class scientific and technical facilities are attracting hi-tech businesses to the county. That will increase as the government, private industry, and academia join as partners in programs to share facilities and the expertise of their respective employees.

One of Harford County's most vital resources has been the men and women, civilian and military, working and retired, who are here

because of APG.

This year the Harford County Chamber of Commerce will have its 27th celebration of Military Appreciation Week. Local government and groups also will be noting the week.

The annual Military Appreciation Day Luncheon will be held May 20 at Top of the Bay at APG. For details on the luncheon, call the Chamber at 410-838-2020.

An Armed Forces Day ceremony will be held at Aberdeen's Festival Park on May 22, following Art-Quest 2004. The ceremony will begin at 5 p.m. with remarks by local officials, followed by a choral presentation, with a concert by the 389th Army Band (AMC's Own) at 5:45 p.m.

(Editor's note: This article is reprinted with permission from the Harford Business Ledger, May 2004 issue.)

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The price of
FREEDOM
is eternal vigilance.

~Thomas Jefferson

EAI Corporation has a long history of support for our military, whether it be our employees on the ground in Iraq, providing force protection support for our military bases around the world, supporting our wounded at Bethesda Naval Hospital, or our support of the Warfighter through efforts right here in Harford County. We have the opportunity to see first hand the sacrifices made by our servicemen and women on a daily basis, but we are also privileged to see the dedication and pride they bring to their job each and every day.

Over one third of our employees are veterans, so we have a deep connection with those who serve in the defense of our country. We respect their courage, we acknowledge their professionalism, we stand in awe of their accomplishments and we appreciate their efforts in our behalf.

Our thanks go out to all of you men and women who were vigilant in the past and those of you who carry the torch of vigilance today.

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To Our Men and Women in Uniform and their Families Thank You

We wish to express our appreciation for the men and women in our military for their dedication and service. General Physics is grateful for and proud of the opportunities we have to support Aberdeen Proving Ground's mission.

General Physics has been supporting Aberdeen Proving Ground's Directorate of Safety, Health, and Environment since 1989. Consulting support includes:

- Environmental planning
- Multi-media regulatory compliance support
- Industrial hygiene
- Environmental engineering services
- Underground and above-ground storage tank management
- Environmental clean-up services from preliminary assessment to site closure

GP supports the Chemical Stockpile Disposal Program. As part of this support, GP operates the U.S. Army's Chemical Demilitarization Training Facility at Aberdeen Proving Ground - Edgewood Area. The CDTF provides safe and effective workforce training in:

- Operations
- Maintenance
- Laboratory
- Hazardous Waste Operations
- Emergency Response
- Top Area Training

**For More Information Please Contact
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