**Women in combat**

A report released to the president and Congress March 7 recommends 21 chang- es in the way the military facilitates diver- sity, and suggests gender barriers be lifted on all career fields.

The Military Leadership Diversi- ty Commission, established under the National Defense Authorization Act, is a group of 11 active-duty and retired offi- cers, enlisted personnel and senior execu- tives from major corporations.

Research the commission conducted included finding a new universal defini- tion of diversity and how to increase language, regional and diverse cultural knowledge in military leaders. The commission is also recommend- ing that the Department of Defense elimi- nate its combat-exclusion policies, which currently bar women from combat-arms specialties and from assignment in units battle-size or smaller that have a routine mission to engage in direct combat. According to the report, the commis- sion would like the military to immedi- ately allow women to be assigned to any unit that requires their military occupation, regardless of the type of unit. It would also like the DoD to take steps to open up career fields traditionally not available to women, including combat arms.

Several of the changes recommended will need a congressional vote — others could be implemented at the level of the secretary of Defense.

Sgt. Amanda Solitario, an Army Reserve Soldier with the 82d Public

By DAN LAFONTAINE

The installation's tax center scooped about $1 million in refunds for Soldiers, their fami- lies and civilians. Staff Judge Advocate Lt. Col. Joseph Mas- terson said Maj. Gen. Nick Justice, senior APG com- mander, joined Masterson April 19 in a cere- mony to mark the end of tax-filing season outside Building 413. Masterson and Justice recog- nized the four Soldiers and four civilians who pre- pared more than 1,000 tax returns and saved clients about $100,000 in preparation fees since the center's opening Feb. 8. The tax center's service is provided for free. Justice thanked the tax cen- ter's staff for providing one of the Army's core missions — educating young Soldiers.

"Teaching young Soldiers to be responsible and contributing citizens to our society is the value of the Army and the leadership you provide," Justice said. "[You are] helping to ensure we have a healthy for- mat, just like we do on the battlefield."  

**Running with Science: Local biomechanics expert opens research**

By JAE GIBSON

The U.S. Army Biomechanics Laboratory — AMC — for scores of runners who sus- tain overuse injuries each year, learning to run the right way could literally keep them on the road to good health.

Doing so could also save the U.S. military nearly $6 million spent annually on surgeons who cannot complete basic combat train- ing because they sustain stress fractures.

Dr. Philip Crowell, biomech- anics team leader with the Human Research and Engineering Direc- torate, or HRED, at the U.S. Army Research Laboratory, helped devel- op what turned into a training program for runners — both inside and outside the military — to help reduce the risk for stress fractures.

That’s a potential outcome from a 2009 study he conducted as part of a University of Delaware collab- orative effort with phys- ical therapist professor Dr. Irene Davis, director of the institu- tion’s Running Injury Clinic in Newark, N.J.

The study focused on see- king if runners could reduce the factors that lead to stress fractures through gait retraining.

Crowell is now presenting his findings in journals and meetings with various groups to draw atten- tion to the study in hopes of finding transition partners, first, within the Army. He said this is a fairly new area of research that doesn’t exact- ly fit into the type of human factors research that has traditionally been done by HRED.

Findings from their study, he said, could open the door to deeper understanding of the effectiveness of gait retraining as a means for reducing stress fractures.

**Month of the Military Child**

CDC study shows autism on rise

By BRANDY GILL

Carl R. Darnall Army Medical Center Public Affairs

For nine long months, parents anticipate the birth of a new baby. They buy clothes and diapers, assem- ble furniture, pick out names and dream about a hap- py, healthy, bright future for their impending arrival.

However, many parents find themselves facing a very different reality when they discover their child is autistic.

The Centers for Disease Control’s latest published study in 2006 esti- mated one in every 1,000 children was diagnosed with autism spectrum disorders.

The CDC’s latest site, “Autism spe- ctrum disorders, known as ASDs, are a group of developmental disabilities characterized by aspi- rations in socialization, communication, and behavior. The symptoms of ASDs typically are

**WEATHER**

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APG Tax center nets $1 million in refunds for troops

By Dan Lafontaine

The installation’s tax center scooped about $1 million in refunds for Soldiers, their families and civilians. Staff Judge Advocate Lt. Col. Joseph Master- son said Maj. Gen. Nick Justice, senior APG com- mander, joined Masterson April 19 in a ceremony to mark the end of tax-filing season outside Building 413. Masterson and Justice recognized the four Soldiers and four civilians who prepared more than 1,000 tax returns and saved clients about $100,000 in preparation fees since the center’s opening Feb. 8. The tax center’s service is provided for free. Justice thanked the tax center’s staff for providing one of the Army’s core missions — educating young Soldiers.

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**APG News**

www.apg.army.mil

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

April 28, 2011 Vol. 55, No. 17
CECOM: 30 years of Communications-Electronics in war and peace

By CHRISSIE REILLY

T he U.S. Army Communications-Electronics Command, or CECOM, stands as a vital component of service to the nation and the Warfighter.

On February 16, 1981, then Secretary of Defense, Dr. Edward H. Stennis, and General (ret.) Robert E. Miller, Commanding General of the former Signal Corps Laboratories, Fort Monmouth, N.J., signed an agreement in which CECOM assumed responsibility for all aspects of the communication-electronics life cycle development, procurement, production, distribution, maintenance and final disposal.

As the major subordinate command of AMC, the U.S. Army Electronics Command managed a number of high-technology organizations, including the Communications-Electronics Research, Development and Engineering Center (CERDEC), which is the focal point for CECOM's research, development, procurement, production, distribution, maintenance and final disposal. CERDEC manages a number of high-technology organizations, including the Communications-Electronics Research, Development and Engineering Center (CERDEC), which is the focal point for CECOM's research, development, procurement, production, distribution, maintenance and final disposal.

Throughout the 20th century, CECOM's predecessor organizations contributed significantly to communications satellite development, including buncing a radio signal off the moon and solar-powered device development.

The missions of CECOM acquired significant importance during the Persian Gulf War, when the Army Chief of Staff defined the role of the soldier in the new world order and identified requirements for decisive close air support and precision strikes. The mission of CECOM was initially to ensure battlefield Know the enemy, and to digitize the battlespace. CECOM began a strategic alignment in 1990 when it formed CHEWS or Command, Communications, Computers, Intelligence, Electronic Warfare and Sensors. Several of these organizations comprised this partnership. CHEWS provided the single largest IT project ever supported by CECOM and included computer software, network communications, data center and telecommunication equipment. CHEWS focused on delivering communications services and capabilities to aid rescue workers and government agencies.

In 1992, CECOM personnel deployed to Haiti and identified requirements for decisive close air support and precision strikes in Los Angeles in 1994.

For example, the CECOM Readiness Department combined 1,318 facilities between July 1990 and February 1991; the battlespace. CECOM began a strategic alignment in 1990 when it formed CHEWS or Command, Communications, Computers, Intelligence, Electronic Warfare and Sensors. Several of these organizations comprised this partnership. CHEWS provided the single largest IT project ever supported by CECOM and included computer software, network communications, data center and telecommunication equipment. CHEWS focused on delivering communications services and capabilities to aid rescue workers and government agencies.

In 1994, the same year that CECOM was given the technical lead in “Battlefield Digitalization,” it also assisted with the North Ridge Earthquake relief effort in Los Angeles in 1994. In the year 2000, CECOM became a significant issue at CECOM, and represented the single biggest project ever undertaken for the Army Materiel Command.

To demonstrate this connectedness, a single command reached into a half-dozen new organizations comprised this partnership. CHEWS provided the single largest IT project ever supported by CECOM and included computer software, network communications, data center and telecommunication equipment. CHEWS focused on delivering communications services and capabilities to aid rescue workers and government agencies.

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DoD hopes ‘click, call or text’ will boost assault reporting

DoD news release

The Department of Defense today launched its newest initiative to support victims of sexual assault. Using DoD Safe Helpline, service members can “click, call or text” for victim support services for themselves or others.

The free, anonymous and confidential resource can be accessed worldwide, 24-hours a day, every day, to connect with live sexual assault support professionals.

In addition to improving victim care, secure and confidential access to Safe Helpline was developed to encourage victims to come forward when they might not otherwise.

“The underreporting of sexual assault poses a serious challenge to military readiness,” said Clifford L. Stanley, under secretary of defense for personnel and readiness. “We believe the Safe Helpline will provide DoD sexual assault victims with a variety of support outlets, which will lead victims to report sexual assault, seek needed information, and receive care.”

Safe Helpline offers three access options designed for service members. Users can log on to http://www.SafeHelpline.org to receive live, one-on-one confidential help with a trained professional through a secure instant-messaging format.

The website also provides vital information about recovering from and reporting sexual assault. A second option is to call the telephone hotline at 877-995-5247 to speak with Safe Helpline staff for personalized advice and support. Safe Helpline staff can also transfer callers to installation-based sexual assault response coordinators (SARC), on-call victim advocates, civilian rape crisis centers, or to the Suicide Prevention Lifeline.

The third option is for users to text their location to 55247 inside the United States or 202-470-5546 outside of the United States to receive automated contact information for the SARC at their installation or base.

For more information on Safe Helpline, visit http://www.SafeHelpline.org or at http://www.sapr.mil

MORE ONLINE

To view more photos of events going on at and around the U.S. Army Garrison Aberdeen Proving Ground, visit the garrison Flickr site http://www.flickr.com/photos/usagapg/ or scan the QR code.
England in 2000, more than 80 percent of the information that could be used to harm the United States and its Soldiers.

Tonya Heinbaugh, U.S. Army Garrison Aberdeen Proving Ground, said that anything goes.

“Sharing what seems to be even trivial information online can harm them when it is with other information,” Heinbaugh said.

For instance, when a group of 17th Airborne Brigade Combat Team Soldiers was redeploying back to Bamberg this fall, one careless post from a spouse on Facebook nailed the time of the return, causing the entire flight to be delayed due to operational security concerns, said Heinbaugh.

“Our adversaries are trolling social networking sites, blogs and forums, trying to find sensitive information they can use about our military goals and objectives,” Heinbaugh, Maj. of the Army Kenneth D. Peperon in the social media handbook.

“Some spouses, while looking through your photos, might think that enemies wouldn’t read them. However, some community members might read those pictures as well,” Heinbaugh said. “That may be true for now, but you never know when one online posting will bring you to their attention,” the social media handbook said.

Others might say that they don’t have anything to hide. The information can be used by not just terrorists but by former girlfriends, boyfriends of divorced spouses, the report states. Angry neighbors, disgrun- tled co-workers and even identity thieves could use the information you posted.

Avoid revealing too much

If information on social media sites is being used by the enemy, is the answer to stay off the internet Real- ity. However, the answer is no. Social media sites are here to stay and are becoming an even more important tool in communi cation in modern technology. Moreover, you can take some precautions to help keep your privacy and your loved one safe.

The adversary Al Qaeda and domestic ter rors and criminals for instance have made it clear they are looking. When using social media, avoid mention ing rank, unit locations, deployment dates, names, or equipment specifica tions and capabilities,” the social media handbook said.

Used by the enemy

Don’t talk about unit menial, said Heinbaugh, who said that things such as bad equipment or not enough equipment, bad leadership and other complaints can be used by the enemy.

And, in fact, it’s not just social media sites. Commenting on newspaper arti cles, blogs or other public forums can also give away more information than you realize.

For example, Heinbaugh said that a recent article about a local commander in the “Stars and Stripes” caught many people unaware. The unit public relations department could reveal more things than you think.

“If they know you are upset, they are aware, the better protected you are,” Heinbaugh said. “They are public forums. In fact, it’s unclassified information that’s safe to post, said Tonya Heinbaugh, U.S. Army Garrison Aberdeen Proving Ground security officer. However, it’s those small pieces of information that could hurt the United States and its Soldiers.

“You don’t think spouses and sometimes, even spouses, are paying attention to what you write,” Heinbaugh said. “That’s not an excuse to keep doing the same thing you would post to someone else but never know when one online posting will bring you to their attention,” the social media handbook said.

Those small bits of information can be put together to give the enemy a larger picture.

One careless post

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ATC experiment looks at how clay performs in body armor testing

By MIKE CAST and BARBARA GILLICH
Army Test and Evaluation Command

To support the Army Product Manager, Soldier Protective Equipment, the Army Developmental Test Command's Aberdeen Test Center recently conducted an experiment to characterize the clay backing material used for testing body armor.

The Army rigorously tests both hard and soft armor and their components, as well as helmets. It conducts this testing to verify the adequacy of a system's design and conducts further testing to ensure that the quality of the system is maintained during production. One of the ways to characterize how these systems perform is to determine to what extent an armor system will deform itself in response to a bullet from a projectile while preventing the projectile from completely penetrating the system. The crater or indentation that the armor induces on the backing material is called "back-face deformation."

Army Developmental Test Command's Aberdeen Test Center recently conducted an experiment to characterize a special clay used to determine the back-face deformation that occurs when a bullet strikes such protective equipment during testing.

A critical mission for the Aberdeen Test Center is the testing of body armor such as that worn by U.S. Army Spc. Aaron Franklin in this photo. ATC designed a unique experiment to characterize a special clay used to determine the back-face deformation that occurs when a bullet strikes such protective equipment during testing.

To examine the results of the experiment, ATC used a statistical method called analysis of variance. In layman's terms, this is an analysis of the outcome of an experiment where the contribution of each source of variation under study is compared to the total variation to assess which factors, if any, are contributing at a rate greater than one would expect by chance alone; that is, if any factors and having a significant effect on the experimental outcomes.

The results of the study revealed the following:

The most significant factors affecting the depth of indents were the differences between one clay box and another based on box serial number rather than age, the location on the clay box where the weight was dropped, and the interaction between individual clay boxes by serial number and drop location, respectively. By contrast, oven position had no practical effect on the results at all locations. The oven position used an experiment where the contribution of each source of variation under study is compared to the total variation to assess which factors, if any, are contributing at a rate greater than one would expect by chance alone; that is, if any factors and having a significant effect on the experimental outcomes.

The results of the experiment were that many of the clay boxes showed no correlation with test results, it was learned that a better definition of clay age is needed.

ATC's analysis of the experiment further revealed that four of the six clay boxes showed no correlation between the drop depth and test results, while two showed a "moderate negative linear correlation," meaning there was some evidence that a relationship exists between the two variables and the shape of that relationship is described by a line. A negative linear relationship means that as one variable increases, the other decreases. This can be especially important if the drop test results were related to test results at other locations. Additionally, while there seemed to be a "marked difference" in the drop test results between new and used boxes at the beginning of the experiment, by its conclusion all boxes experienced similar variation of results, independent of box age. That is, as more drops were performed, the clay became softer, judging from indentation depth and testers observed less variation.

ATC's Barbara Gillich, who helped design and analyze the experiment, said it was a very worthwhile project. The experiment was seen as an "excellent" effort between ATC and the Product Manager, Soldier Protective Equipment, designed to increase the knowledge of Roma Plastilina No. 1 clay for the entire body armor community. Although ATC was able to answer the question of whether a system was effective in this experiment, quite a bit of work remains to be done on the subject of clay and its use in body armor testing.

Want to make a difference in how services are rendered at APG? Tell us how we are doing.

Visit http://ice.disa.mil

Click on "ARMY" then "Aberdeen Proving Ground."
**Saturday, April 30**

**Stepping Stone Museum Flea Market**
An outdoor flea market will be held 8 a.m. to 2 p.m. at the Step- pingstone Museum, 401 Quaker Bri- tom Road, Harveys, Graces. Search for great bargains or sell stuff that’s just been cleaned out of the closet. Vendor spaces cost $20. Admission is free. For information, call 410-829-2399 or 888- 419-1762, or email steppingstonemuseum@msn.com.

**Lyric Opera Baltimore to Perform in Harford**
The Harvee de Graces Arts Commis- sion will sponsor the Lyric Opera Balti- more, 7 p.m. at Harvee de Graces United Methodist Church, 191 South Union Avenue, Harveys, Graces. Doors open 6:30 p.m. The Lyric Opera Baltimore will perform highlights from “La Travi- ata,” “The Nose di Figaro” and “Faust” and favorites from other operas. Tick- ets cost $10 for adults and $5 for stu- dents, payable by cash or check to the HAG Arts Commission. Pre-event sales are available at Harvee de Graces Visitor Center, 410-829-7200; Preston Stationary, Bel Air, 410-838-5508; and at the door.

For more information, visit www. midecpmc.com.

**Basket Bingo**
Basket Bingo will be held at the VFW Darlington-Dublin Memorial Post 1046 located at 3440 Conowingo Road, Street. Md. Doors open at 6 p.m. Bingo starts at 7 p.m. Tickets cost $10 each with $5 for extra packs. There will be a drawing for a basket of cheer and a voucher for a free bushel of crab. Food and drinks will be available.

For more information or to purchase tickets, call Sue Rippling 410-838-5542 or Shirley Wagner 410-933-2045 or email Shirley@wyngreatnest.com.

**Couple’s Bowling Fundraiser**
Bring your partner to the Hartford County Mothia Morris Couple’s Bow- lling Fundraiser, 7 to 9 p.m. at AMF Country Club Lanes, 3020 Pulaski Highway, Baltimores. Tickets cost $20 per person, cash; includes shoe rental. There will be a prize for the Couple’s Team playing in the event collected at the event for the Hartford House homeless shelter.

For more information, call Tricia Clarke, 212-960-8703.

**Saturday and Sunday, April 30 and May 1**

**Annual Ramjan Music and Arts Festival**
The Bayman’s Downtown Arts Festival will be held from 10 a.m. to 9 p.m. at the 419-1762, or email steppingstonemuseum@msn.com.

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**Spring Tech Expo April 28**
Edgewood Chemical, Biological Cen- ter Corporate Information Office of the U.S. Army Research, Development and Engineering Command will host the 2011 Annual Spring Tech Expo from 9:30 a.m. to 1:30 p.m., April 28, at the Edgewood Area Recre- ation Center, Bldg. 3326.

Admission is free for active-duty military, government and contractor personnel. Refreshments will be served. For infor- mation, call Duh Duh at 410-366-6087 or FAAC toll-free at 877-332-1976.

** Arbor Day and Earth Day events slated April 29**

Celebrate Arbor Day and Earth Day, 10 a.m. to 1 p.m. at the Aberdeen Area museum. The Arbor Day theme is “Light of the Bay.” Events will include awards for best Earth Day poster and essay con- tests. Other events by students from Hartford, Cecil and Baltimore county schools; hands- on Earth Day science activities; Tree City USA awards; Poikies Island Lake- house replica and time capsule encasing; MD People Loving and Nurturing Trees (PLANT) awards; and special appear- ance by Smokey Bear.

For more information, call Kathy Thomas, 410-406-8799 or email Kathy@us.army.mil.

**May 3 Days of Remembrance event location change**
The location of the Days of Remem- brance observance has been changed from the EAA Stark Recreation Cen- ter to the post theater. Team APG will present the Holocaust Days of Remem- brance at 9:30 a.m. May 3 at Aberdeen Proving Ground from 8:00 am- noon. RSVP by April 22.

**Win with Pinicer**
Pinicer Military Housing is cele- brating Military Spouse Appreciation Day May 6. Residents are invited to visit the Neighborhood Office to pick up a gift, enjoy light refreshments and enter to win a “Date Night” pack- age for two.

Residents can stop by at their con- venience during regular business hours for a chance to win the lucky winner of a $500 gift card to the Red Brick Sta- tion restaurant in White March and a $25 AMC plus.

Winners will be announced May 9 at 9 a.m. Call the Neighborhood Office at 410-305-1076 for more info.

**Annual motorcycle training**
The Aberdeen Proving Ground Safe- ty Garrison Office has kicked off its annual motorcycle training. Register for classes at https://airs.lmi.org. For more information, call Mike Allen at 410-306-1081 for more info.

“We’re also looking at the possibil- ity of civilians being offered motorcycle training through the Army Traffic Safety Training Program,” said Garri- son APG Command Sgt. Maj. Rodney Rhoades. “DODCM and region safety managers are working to ensure train- ing is in accordance with Department of Defense/Army guidance and continues to be worded to the community via the APG News, APG Live and the garrison’s Facebook page.”

**Survivor Coffee Break**
APG’s Survivor Outreach Service (SOS) program will host a Survivor Coffee Break for Families of fallen sol- diers May 4 from 8 to 10 a.m. at Rig- gins Golf Course.

During the event, survivors will learn about services that are available to them. Application can be picked up or com- pleted at the coffee for Survivor decal and APG Survivor ID cards for anyone having difficulty gaining access to the installation.

The Survivor Vehicle Decal Program was developed by SOS to ease access to the installation and provide survivors with special recognition. Decals can be obtained at the following locations: Bldg. 3326, Highpoint Road, Room 109 at Abber- den Proving Ground from 9:30 am- 5:30 pm.

Contact SOS Support Coordinator Annette Sanders at 410-278-2681 or amandam.sanders@us.army.mil for information.

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**Post Shorts**

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“We’re also looking at the possibil- ity of civilians being offered motorcycle training through the Army Traffic Safety Training Program,” said Garri- son APG Command Sgt. Maj. Rodney Rhoades. “DODCM and region safety managers are working to ensure train- ing is in accordance with Department of Defense/Army guidance and continues to be worded to the community via the APG News, APG Live and the garrison’s Facebook page.”

**Survivor Coffee Break**
APG’s Survivor Outreach Service (SOS) program will host a Survivor Coffee Break for Families of fallen sol- diers May 4 from 8 to 10 a.m. at Rig- gins Golf Course.

During the event, survivors will learn about services that are available to them. Application can be picked up or com- pleted at the coffee for Survivor decal and APG Survivor ID cards for anyone having difficulty gaining access to the installation.

The Survivor Vehicle Decal Program was developed by SOS to ease access to the installation and provide survivors with special recognition. Decals can be obtained at the following locations: Bldg. 3326, Highpoint Road, Room 109 at Abber- den Proving Ground from 9:30 am- 5:30 pm.

Contact SOS Support Coordinator Annette Sanders at 410-278-2681 or amandam.sanders@us.army.mil for information.
**APG Bowling Center Snack Bar specials**

**Building 2342**

The Bowling Center hours are 7 a.m. to 9 p.m., Monday and Tuesday; 7 a.m. to 10 p.m., Wednesday and Thursday; 7 a.m. to 11 p.m., Friday; 11 a.m. to 11 p.m., Saturday; and 1 to 6 p.m., Sunday. Lunch delivery is available for orders of $25 or more. Call for delivery before 11 a.m.

**Week of April 25**

Special #1: Two hot dogs with French fries, cookie and regular soda for $6.75.
Special #1: Two hot dogs with French fries, cookie and regular soda for $6.50.
Special #2: Italian sausage with french fries, cookie and regular soda for $6.25.
Special #2: Italian sausage with french fries, cookie and regular soda for $6.00.

**Week of May 2**

Special #1: Chicken salad sandwich with potato chips, cookie and regular soda for $4.75.
Special #1: Chicken salad sandwich with potato chips, cookie and regular soda for $4.75.
Special #2: Italian sausage with french fries, cookie and regular soda for $4.50.
Special #2: Italian sausage with french fries, cookie and regular soda for $4.50.

**Discount Aquarium tickets**

The Leisure Travel Office offers discounted tickets to the National Aquarium in Baltimore. Adult tickets cost $23.25 per person; tickets for children ages 3 to 12 cost $11 each; cost $17.50; active duty tickets cost $9 each and are issued one per active duty ID card only. Tickets do not include the dolphin show or the 4D Theater, but are upgradeable at the aquarium.

Take an unforgettable journey into the mysteries of water and the beauty of the natural world. Watch brilliant-colored tropical fish swim through a coral reef. Marvel as sharks glide through the shadowy depths just an arm’s length away.

For more information or to purchase tickets, call the MWR Leisure Travel Office at 410-278-4101/4907, visit the AA Recreation Center, Bldg. 3326 or e-mail APGR-USAG-MWR-LeisureTravel@conus.army.mil.

**Board horses at APG Stables**

The APG stables are a self-care boarding facility located in the Edgewood Area. Bldg. E3200, for privately owned horses of military and civilian employees, retirees and Family members. All patrons must have a valid military or installation ID card.

Monthly stall fees include:

- Four-turn-out pastures
- Lighted riding arena
- Water troughs in each pasture
- Run-in sheds
- Barn with water and electricity
- Tack rooms, grain room and hay stor-

For more information or to sign up, call Outdoor Recreation at 410-278-4124 or visit www.apgmwr.com/recre-

**Daily bus trips to Atlantic City**

The cost of the daily bus service to Trump Taj Mahal Casino has increased to $29 per person.

Only for ages 21 and over. The bus will leave Vitalis’ Restaurant, Best West-

For more information, contact MWR Leisure Travel Services, AA Recreation Center, Bldg. 3326, 410-278-4101/4907 or e-mail APGR-USAG-MWR-LeisureTravel@conus.army.mil.

**Looking for a job?**

Visit FMWR Jobs Available at www.apgmwr.com.

For more information or to place an order, call 410-278-4041. Orders must be placed before 10:30 a.m.
Continued from Page 1

Hardest to change is ‘culture of military’

strength, when previously it hadn’t re-
ened captive. “It made you recognize your
ence as a POW only confirmed her belief
that she was resilient.

society largely ignores the fact that
Women Veterans. She said that Ameri-
part of the reason she started American

While studying to take the board, many
women –- if they can make the cut.

was captured and molested by an Iraqi soldier.

earlier this month, the Military

Unfortunately we flew right over a big bunker full of weapons and they shot the tail off my helicopter –- and shot me,” said Cornum, now a brigadier general.

So Solitario’s main concern of having
women in combat-arms units is, that she thinks women would probably slow the men down. She said that thought women would hold them back in a combat situation, men might be more worried about protecting their female counterparts, so they should have an equal shot at any career path they choose.

You don’t know what’s going to happen from day-to-day,” Cornum said of her time as a POW. “I wanted to see my daughter grow up and see how she handles the challenges she’s been tested much."

Cornum’s crew was the closest aircraft
big bunker full of weapons and they shot

A fighter pilot, Air Force Capt. Bill
Andrews, had been shot down behind
the front lines.

She was headed out on a routine flight
that more female Soldiers being killed in
Iraqi Freedom.

Lance Cpl. Curney Russell, from the 3rd Light Armored Reconnaissance Battalion, provided a steady arm for former pris-
ners held in a codecsured zone and

Photo by Marine Cpl. Michael Leitenberger
We've been told not to do this, but I believed that women could serve in combat-arms positions –- if they can keep up.

She was wounded in the shoulder, and a torn knee,
and taken into Iraqi captivity.

She said she looked at something and
thought she was going to die. She said she would
have been tested much.

Johnson said she is proud of her time
in the Army and doesn’t regret her deci-
sions to serve in combat.

As a military intelligence specialist,
Chase said she doesn’t think stan-
dards should be altered to cater to wom-

and live her life.”

Johnson is the only woman in a group of male
Soldiers who was taken captive by the
Iraqi soldiers.

She explained that even though the
Iraqi soldiers had guns, they weren’t using
them up to her one day.

However, sleeping in a room full of men
and taken into Iraqi captivity.

and taken into Iraqi captivity.

If she didn’t increase the likelihood you were going to stay there longer, and it seemed to drag on and on, and it didn’t seem to be the answer to the threatening, then it really didn’t matter, Cornum said.

Cornum’s army is in a very different place
as it was 20 years ago. Few women have
served as personnel of war.

As the debate of women serving in
the combat zone and

Continued from Page 1

In Iraq, the restriction
of women flying in combat
1991, the restriction
was captured and

and Johnson are 22-year-old
women who have long served in roles they
women –- if they can make the cut.

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reducing the risk of stress fractures. Special footgear designed to allow a more dynamic footstrike pattern is often used by athletic trainers or physical therapists to train people to run in a way that may prevent stress fractures. It could also be used by athletic trainers or physical therapists to help injured runners rehabilitate and learn to run in a way that may reduce their risk of re-injury.

Crowell explained. “The model could be used to examine strains occurring in the tibia during activities such as walking, walking while carrying a load, jogging, backpacking, running downhill, running at various speeds, and running over and around obstacles. The model could also serve as the basis of parameterizing a mathematical model that would be developed to help assess stress fractures in bones in locations other than the tibia.

Crowell said the study was designed to show how a model can use real-time visual feedback from an accelerometer to help runners change the way they run, such as slowing down their running gait, running at various speeds, and running over and around obstacles. The model could also serve as the basis of a parameterizing a mathematical model that would be developed to help assess stress fractures in bones in locations other than the tibia.

As part of the study, runners were observed during training sessions for tibia stress fractures, which consist of runners’ training regimen, diet, running surfaces, fitness level and bone structure, for example. Recent evidence suggests, though, that stress fractures of the tibia are related to acceleration of the tibia and that prolonged walking does not occur as the result of the impact. Therefore, the model could be used to help restore normal gait patterns or prevent stress fractures.

Crowell also said that the model could be used to parameterize a mathematical model that would be developed to help assess stress fractures in bones in locations other than the tibia.

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To vaccinate or not to vaccinate

Vaccines prevent serious illnesses like polio, invasive haemophilus influenza type b, and measles, and the vaccines are leading to the eradication of some of these major illnesses too.

Autism spectrum disorders

The Centers for Disease Control reported one in every 70 males and one in every 315 females are diagnosed with autism spectrum disorders by the age of 8.

The Centers for Disease Control and Prevention (CDC) said in April that one in every 88 children is affected by autism spectrum disorders.

In other news...

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