

Redstone Rocket

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Garrison budget cuts run deep

Steps taken to lessen impact from funding shortfalls

By LIRA FRYE
For the Rocket

Like a medium-sized city, the Garrison provides many necessary services to those who work and live on the post.

For instance, grass is mowed, telephone lines are repaired, heating and air conditioning units are upgraded ... the list goes on and on. Unlike a typical city, the Garrison also has issues like installation security, Soldier barracks and maintaining government housing.

All of that takes money – taxpayer money usually funded through Congress, down to the Department of Defense, to the services and then to the various organizations, such as the Installation Management Agency, which funds the Garrison through its Southeast Region Office in Atlanta.

“We’re working closely with the Southeast Region of the Installation Management Agency on the funding shortfalls.”

— Darrell Brewer
Garrison deputy commander

The need to support the Global War on Terrorism, re-stationing of military installations in Europe to stateside installations and numerous other federal initiatives have caused a fiscal challenge for nearly every government agency – Redstone Arsenal

included. Like the Aviation and Missile Command, the Garrison is in the middle of a budget crunch that will, in one way or another, affect everyone at Redstone.

“We are ‘potentially’ facing a \$24.2 million reduction from previous year’s execu-

tion numbers,” Garrison deputy commander Darrell Brewer said. “If this reduction stands it is significant and could create huge obstacles for us to overcome.”

See **Budget** on page 3



Photo by Skip Vaughn

Season's palette

Springtime weather finally arrives to change the landscape colors outside Sparkman Center building 5302.

Army invites housing residents' opinions

2006 assessment survey should be in mail soon

By SKIP VAUGHN
Rocket editor
skip.vaughn@redstone.army.mil

Redstone housing residents are asked to respond to a survey they should receive by April in the mail.

The Army's Resident Assessment Survey for 2006 will provide feedback as Redstone and other installations privatize their housing under the Residential Communities Initiative.

“I think it's real important that we get the residents' feedback,” Wilkie Wilkerson, director of advisory and management services for the Military Housing and Lodging Institute, said during a site visit to Redstone March 20. He met with Garrison commander Col. John Olshefski that morning and later with hous-



Photo by Skip Vaughn

SHARING IDEAS— Melissa Ford, mayor of Pathfinder Pointe, talks with Wilkie Wilkerson of the Military Housing and Lodging Institute.

ing representatives in a meeting at the family housing office.

The survey team includes the military housing institute and Educational Benchmarking Inc.

“This is so important for what you guys want,” Redstone housing manager Cynthia

Zeigler told several housing area mayors in the meeting at her office. “The only way we're going to know how to make things better is feedback from you all.”

Even if residents move to other posts, their responses will impact their destination as the Army adopts commercial development of housing. “The ultimate goal is to make things better, and that's what we want – just to make things better,” Zeigler said.

Melissa Ford, wife of Maj. Chris Ford, serves as mayor of Pathfinder Pointe. She expressed her support for privatization. “I think it has the potential to be great for Redstone,” she said.

Anne Hawley, wife of Capt. Robert Hawley and mayor of Saturn Pointe, had not previously heard of the Residential Communities Initiative. She said she liked the concept as a way to improve housing.

“We've been here two years and I've really not seen anything in our specific area done,” Hawley said. “And I think it's long overdue.”

An open lane random survey

How would you improve the Redstone Rocket?

By KELLEY LANE
Staff writer
kelleyqa@bellsouth.net

Les Stamps
DoD civilian

"I'd like to see more local stories."



Gail Puckett
Retiree spouse



"I would like to know more about what's going on at the Post Exchange and Commissary."

Oscar Polk
Postal worker

"It should say more about what's available on post and what the advantages are of patronizing things here instead of outside."



Pvt. Kathryn Farley
Charlie Company



"We always look for things about Soldiers in our company and stuff. I think the paper should do more on Soldiers here."

Quote of the week

'The farther backward you can look, the farther forward you are likely to see.'

— Sir Winston Churchill

Ammunition specialty warrants note

The ammunition technician warrant officer (MOS 890A) plays a key role in keeping the ammunition flowing to and from the end user. Referred to as an ammo warrant, they are amongst the finest Army warrant officers and are the focal point, though usually low key, in any ammunition supply and maintenance operation. An ammo warrant possesses the technical skills and knowledge to properly ship, issue, receive, store, segregate, inventory, classify, substitute, maintain, account for and document all ammunition transactions.

From the time of accession and first assignment ammo warrants may be responsible for the highest dollar value (multimillion dollars), highest tonnage (thousands of short tons), most critical asset in any theater of operation. Ammo warrants serve in positions such as accountable officer, responsible officer, operations officer, division ammunition officer, maintenance officer, acting commander, platoon leader, staff level, or perhaps a combination thereof.

Often, ammo warrants wear multiple hats as the accountable officer, maintenance officer, acting commander or platoon leader in a company, detachment or team.

Generally, they ensure ammunition is at the ammunition storage facility in accurately recorded quantities in the highest serviceable condition in order to support combat and combat service support units. In a tactical environment, it is not unusual for an ammo warrant to assemble a convoy and act as the convoy commander to deliver

ammunition to forward areas and reclaim pre-positioned ammunition no longer needed, exhausted rocket pods, empty shipping and storage containers, pallets, debris and ever elusive tie-down straps. Reclamation is central to retrograde and maintenance operations. It also reduces battlefield signature.

The Army acquires Soldiers to fill ammo warrant billets from two sources. A prospective warrant must have an ammunition peculiar background. It is the ammunition specialist (MOS 89B) or an explosive ordnance disposal specialist (MOS 89D) that qualifies. The prerequisites are a minimum of an interim secret clearance, GT score of at least 110, four years of ammunition field service, be in the grade of E-5 or above, a Basic NCO Course graduate and recommendations from your chain of command.

Currently, due in part to the growth of ammunition warrant officer positions in



Courtesy photo
ORDNANCE LEGEND— Retired chief warrant officer and Vietnam veteran Al Rose, who served as an ammo warrant, is an inductee in the Ordnance Corps Hall of Fame.

Letters to the Editor

Danger of distracted driving

Reference the *Redstone Rocket* article titled "Ring up drivers on cell phones," March 22. On March 21, I approached a yield sign behind a Redstone Arsenal police car and wondered why he was stopped at the yield sign when there was no other traffic in sight. As the civilian police officer slowly made his right turn, I could see that he was engrossed in his cell phone call, holding a cell phone to his ear.

I agree that distracted driving is very dangerous. I also believe that the government contributes to the danger by issuing cell phones to some employees (like me, for instance) but neglecting to issue the hands-free device with it. Yet, management wants me to be responsive to customer needs no matter where I am. The situation is Catch-22, blamed if you do, and blamed if you don't. I will certainly comply with AMCOM Regulation 210-2. I hope ALL Redstone drivers will comply.

Name withheld by request

Editor's note: The only exception to the policy against driving while talking on a cell phone is emergency first responders — law enforcement, fire and emergency medical services.

modularity, this military occupational specialty is short of officers. Once selected, the candidate attends a six-week, four-day warrant officer basic course at Fort Rucker. Upon successful completion, the candidate is pinned in a formal ceremony. Next, the new WO 1 attends a 10-week, three-day ammo tech basic

course at Redstone Arsenal. The ammo warrant then embarks upon his or her career.

Interested individuals should visit the U.S. Army Recruiting Command web site at www.usarec.army.mil for exact information or contact the ordnance proponent chief for MOS 890A. The contact is Chief Warrant Officer Harry Hobbs at 842-6864, e-mail harry.hobbs@us.army.mil.

Al Rose
Retired chief
warrant officer

Letter policy

Letters to the editor must be signed by the writer. The *Rocket* will withhold names upon request. Letters can be sent via e-mail to skip.vaughn@redstone.army.mil or faxed to 955-9138. The deadline for letters and all other submissions to the *Rocket* is noon Friday.



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Getting to know you

By SKIP VAUGHN
Rocket editor
skip.vaughn@redstone.army.mil

Name: Pvt. Aaron Berube

Job: Ammunition specialist, en route from Charlie Company to Fort Drum, N.Y.

Where do you call home?
Auburn, Maine

What do you like about your job?
Meeting new people. It's diverse. You get to see new places.

What do you like to do in your spare time?
I usually like to read and write. And I draw sometimes.

What are your goals?
Pretty much just be the best I can be. And go on with life and live



up to probably my mother's expectations.

What's your favorite type of music?
Christian alternative; (favorite singer is) Toby Mac.

Crimes, accidents and other occurrences

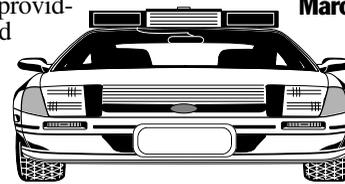
The Provost Marshal Office provided the following list of reported incidents:

March 16: An individual was found to be operating his motor vehicle with a suspended driver's license during an inspection at Gate 9. The individual was issued a violation notice and released.

March 17: An individual reported that someone removed a bracelet from her place of employment. Investigation continues by the Provost Marshal Office.

March 17: Two individuals exited Redstone Arsenal and were observed climbing the fence adjacent to a closed gate, causing damage to the fence. Further investigation revealed that one of the individuals had taken merchandise from the Commissary without rendering proper payment. Each was issued a violation notice and released. Investigation continues by the Provost Marshal Office.

March 19: An individual was found to be operating his motor vehicle with a suspended driver's license during an inspection at Gate 9. He was issued a violation notice and released.



March 19: An individual was found to be operating his motor vehicle with a suspended driver's license during an inspection at Gate 9. Further investigation revealed he was in possession of marijuana and cocaine. He was processed and released. Investigation continues by the Provost Marshal Office.

March 20: An individual reported that someone removed \$70 from a sympathy card. Investigation continues by the Provost Marshal Office.

March 21: An individual was found to be operating his motor vehicle with a suspended driver's license during an inspection at Gate 10. Further investigation revealed he had no tag and no proof of insurance. He was issued three violation notices and released.

Traffic accidents reported: five without injuries, one with injuries.

Violation notices issued: 17 speeding, 3 failure to obey traffic control device, 3 driving with a suspended driver's license, 1 following too close, 1 no driver's license in possession, 1 parked in a handicapped parking space, 1 failure to yield right of way.

'Phishing' scam targets Thrift Savings Plan participants

Information can be used to steal personal identity

By SAMANTHA QUIGLEY
American Forces Press Service

WASHINGTON — Participants, as well as some non-participants, in the Thrift Savings Plan are targets of a "phishing" scam, an official with the board administering the program said.

Tom Trabucco, director of external affairs for the Federal Retirement Thrift Investment Board, said phishing is an "attempt to get recipients of the unsolicited e-mail to compromise themselves by giving up their personal financial information."

Thrift Savings Plan administrators would never request personal or financial information via e-mail, Trabucco said. "Do not respond to unsolicited e-mail, and never give out information of a personal nature (through) unsolicited e-mails," he said.

The Federal Retirement Thrift Investment Board alerted Thrift Savings Plan coordinators to the scam in a March 17 memo, the day after the scam was discovered. The memo described it as an unsolicited e-mail with a link to a bogus web site appearing to be the thrift plan's account-access site.

The bogus site asks for a recipient's social security and Thrift Savings Plan personal identi-

fication numbers. Entering this information takes the user to another screen where they are asked for financial information, including a credit card number, he said, adding that this information can be used to steal an individual's identity.

As long as participants have not responded to this scam e-mail, their accounts have not been compromised, investment board officials said in the memo. Those who did respond should contact their financial institutions immediately for guidance. They should also call the Thrift Savings Plan at (877) 968-3778 and ask to have their account access blocked, according to the memo.

Phishing e-mails generally appear to be from a business or organization the recipient may deal with, according to a Federal Trade Commission Consumer Alert issued in June 2005. It may request that the recipient update, validate or confirm account information, the alert said.

Participants are encouraged not to attempt to access their accounts by clicking links offered in any e-mail, according to the memo. Only by opening a new Internet browser and typing the Thrift Savings Plan's web site into the address field can a participant be sure of accessing the authentic thrift plan web site.

The thrift plan is a retirement savings plan for 3.6 million federal civilians and service-members, Trabucco said. Officials don't know how many plan participants the scam has affected, but the FBI is investigating, he added.

Web-based training earns recognition

NEWPORT NEWS, Va. — The Army Distributed Learning System, part of the Army's Program Executive Office Enterprise Information Systems, says it is among the Top 50 programs announced March 22 by the Innovations in American Government Awards — considered the "Oscars" of government — and is eligible to win one of seven grants.

Army e-Learning, a component of DLS, earned the honor based on the professional and personal web-based training it provides to 1.4 million Soldiers and Army civilians

worldwide. The online curriculum includes 2,600 courses in IT, foreign languages, business, leadership and professional development, and is available anytime, anywhere and at no cost.

"This is an amazing accomplishment for our program," said Lt. Col. Robert Bean, product manager for Distributed Learning System. "DLS took ownership of Army e-Learning in mid-2005, and since that time we have more than doubled our enrollment. The product offered to users, and the cost savings for the Army, is something to be noticed."

■ Funding shortfalls affect Garrison operations

Budget

continued from page 1

Brewer explained that unless additional funds are identified as early as mid-April, the Garrison may have to cancel or reduce contracts that support a wide variety of Garrison 'businesses.'

"Please understand 'no' specific decisions have been made at this juncture," he said. "Also, understand we will continue to perform work that supports issues of life, health and safety for our Soldiers, their families and our civilian work force. 'We've taken steps to lessen the

impact of reduced funding," he added. "For example, the Garrison has stopped purchasing supplies, materials and equipment unless absolutely essential to operate our support areas; eliminated overtime except in emergency response areas; we have reduced training and travel to almost nothing; and we've instituted a hiring freeze on all permanent recruitments except for essential positions.

"We're working closely with the Southeast Region of the Installation Management Agency on the funding shortfalls," Brewer said. "But tough decisions will need to be made within the next 30-45 days if funds are not made available."

Facility gives guidance to infantry aircraft

Select Black Hawk helicopters become airborne command posts

By LAURA STONE
For the Rocket

The Engineering Directorate Prototype Integration Facility has integrated two UH-60L Black Hawk helicopters with new command and control capabilities.

The facility delivered two Army Airborne Command and Control System Phase 2 aircraft to the 25th Infantry Division. These aircraft flew out of Redstone Airfield on March 6 bound for Hickham Air Force Base, Hawaii. Two more aircraft are scheduled for delivery in April.

A2C2S is an on-the-move command and control system that transforms selected UH-60 Black Hawk helicopters into airborne command posts. The system includes five interchangeable work stations, large-screen displays and an advanced voice/data communications suite.

The Phase 2 aircraft have design upgrades that enhance performance including Voice Over Internet Protocol, International Maritime Satellite communications, and supportability improvements. Specifically, A2C2S provides aircraft with data and voice communication capability with ground and air support, situational awareness, common view of the battlefield, over the battlefield mobility, and connectivity to other information/communication networks.

The facility's government and industry team initiated the Phase 2 project in January 2005. The government contributors included the A2C2S Product Office and the Utility Helicopter Program Management Office, AMCOM Acquisition Center and Legal, local elements of the Army Test and Evaluation Command and RDEC's Aviation Engineering Directorate, Aviation Applied Technology Directorate and Engineering Directorate. Contractor contributors included JVYS, the facility's prime contractor, along with ARINC, enGies, L3 Communications, Sikorsky and Integrated Power Technologies.

"This was an extraordinary effort accomplished by the combined skills and expertise of the AMCOM, AMRDEC, PEO Aviation, and PEO C3T communities," Al Abejon, the A2C2S product manager, said. "Despite the challenges of a highly compressed timeline, everyone



Courtesy photo

BETTER CONTROL— Two upgraded Black Hawk helicopters leave Redstone Airfield on March 6.

involved far exceeded expectations which resulted in the delivery of both aircraft to the 25th ID in Hawaii two days early."

Through the teaming arrangement, the

facility was able to overcome the challenges and equip the Army with an on-the-move command and control system for UH-60L Black Hawk aircraft.

Technical library stores aeronautic information

Electronic resources available for users

By ELIZABETH LLOYD
Reference librarian

If you need information on aerospace topics, the American Institute of Aeronautics and Astronautics Electronic Library is an excellent resource. And if you work at Redstone, the best place to look for AIAA meeting papers or journal articles is in Redstone Scientific Information Center's electronic collection.

Using the center's Knowledge Portal library, patrons can access more than four decades of technical information and documents in the AIAA Electronic Library.

The RSIC Knowledge Portal provides indexing full-text access to six AIAA journals, including the original AIAA Journal, which was first pub-

lished in 1963 to cover theoretical developments and experimental results in aerospace technology.

The Journal of Aircraft includes articles on advances in aircraft and applications of aircraft technology to other fields. The Journal of Guidance, Control and Dynamics focuses on research about both manned and unmanned high-performance air and space vehicles.

The Journal of Propulsion and Power discusses key results on air-breathing, electric and advanced propulsion. New work being done on spacecraft and missile systems is presented in the Journal of Spacecraft and Rocket, while the Journal of Thermodynamics explores the latest developments in thermal energy transfer and storage.

Another useful feature of this index is the table of contents, which is

See **Library** on page 15

Women recognized for making a difference



Photo by Skip Vaughn

PROUD TO SERVE— Command Sgt. Maj. Michele Jones of the Reserve Command speaks during the Women's History Month program.

Team Redstone celebrates Women's History Month

By SKIP VAUGHN

Rocket editor

skip.vaughn@redstone.army.mil

The Reserve Command's top enlisted Soldier described her community and why she has served it for 24 years.

"For me, my community is called the Army," Command Sgt. Maj. Michele Jones told an estimated 200 attendees at the Women's History Month program Thursday in Bob Jones Auditorium. Jones, command sergeant major of the Army Reserve, was keynote



Photo by Skip Vaughn

WIND BENEATH MY WINGS— Singing a duet during the program are Arthurine Shackelford of Missile and Space Intelligence Center and Capt. Jonathan McDougal of the Ordnance Munitions and Electronics Maintenance School.

speaker at the Team Redstone observance.

This year's theme was "Women — Builders of Communities and Dreams."

"Women's History Month is a time to recognize and reflect on the achievements and contributions of women," Jones said.

She and 24 local women were honored for their achievements in their various fields.

"You have made a difference," Robin Henderson, associate director of Marshall Space Flight Center, told the honorees during the program's closing remarks. "And you serve as a shining example of dedication and commitment."

The honorees included Jones, Mayor Loretta Spencer, Col. Janice Berry, Sgt. Maj. Yvette Bonner, Dr. Robin Buckelew, Marlene Cruze, Rochelle Feltmeyer, Susan Foster, Theresa Hamilton, Yolanda Hodge, Master Sgt. Tuynuykua Jackson, Theresa V. Johnson, Dr. Helen McAlpine, Ann McNair, Lois McVay, Toni Mialki, Donna Miller, Sgt. 1st Class Monique Mixon, Adrienne Pope-Kelly, Linda Readus, Lt. Col. Kelly Sirota, Debra Taube, Alice Thompson, Crystal Todd and Emily Vandiver.

In support of Women's History Month in March, Team Redstone sponsored an essay-writing contest and a static display contest. Winners of the essay-writing contest included first place, K.C. Bertling of Precision Fires Rocket and Missile Systems Project Office; second place, Megan Norris of SAIC JAMS Project Office; and third place, Spc. Maria Schofield of HHC Garrison.

Display contest winners included first place, Headquarters & Alpha Company; second place, Electronic Technical Training Department; and third place, Commissary.

One of Redstone's first workers recalls early years

By CLAUD MARTEL

For the Rocket

When you ask Winona "Teensie" Stroupe what her first memory of Redstone was in the fall of 1941, one word always comes to her mind: "Mud!"

Stroupe was one of the first workers at what was then Redstone Ordnance Plant. She initially worked for the Corps of Engineers' contractor that was building Redstone and then came on board to work for the first Redstone commander, Col. (then Maj.) Carroll D. Hudson.

"My car got stuck in the mud my first day on the job. I was so embarrassed," she recalled.

While Stroupe worked in the first administrative building for Redstone, her husband Burton was drafted and served in the European theater.

"Our first anniversary was on Dec. 7, 1941. We had the whole day planned and then we got the news. Burton knew he was going to be drafted," Stroupe said.

After World War II, production at both Redstone and Huntsville Arsenals ended. (Huntsville Arsenal was operated by the Army's Chemical Corps and had a separate headquarters, commander and staff.) Burton purchased excess lumber used to ship ordnance and built much of their present home

with it.

"It was the finest lumber and you couldn't get supplies after the war," Stroupe explained. "After all these years, you can still see the stencils that were put on the crates."

Mike Baker, AMCOM's command historian, took Stroupe for a quick tour of Redstone last week. He showed her the Aviation and Missile Command suite and introduced her to Carol Caudle, the commanding general's secretary. He then drove her to the site of the first Redstone headquarters, now the site of the FBI hazardous devices facility on Redstone Road.

"Though we didn't have a lot of time off and the work for everyone was hard, we all had a lot of fun," Stroupe said of her years at Redstone. "There were people here from all over the country. We didn't know what 'trick-or-treat' was until people came to Huntsville during the war."

Her memories and those of other women workers of both Redstone and Huntsville Arsenals can be found at the command historian's web site as follows: www.redstone.army.mil/history. As part of Women's History Month in March, Baker has teamed with members of the Huntsville/Madison County Public Library to conduct interviews with women who worked here during World War II.



Photo by Claus Martel

WELCOME BACK— Carol Caudle, the commanding general's secretary, greets Winona "Teensie" Stroupe, who worked at Redstone during World War II.

Engineering workers entertain Russian orphans

By JO ANITA MILEY
Huntsville Engineering Center

Little things can make such a difference in a child's life. For the children living at the Rassvet Orphanage, in the Shchuch'ye community of Rassvet, Russia, some of those little things are provided by sponsors such as U.S. Army Corps of Engineers employees and contractors.

Huntsville Center and contractor partner Parsons Inc. employees join with others in the community to enrich the lives of the orphans by providing opportunities for recreation and fun. Huntsville Center and Parsons are in Shchuch'ye, working with the Defense Threat Reduction Agency and the Russian Federation's Chemical Weapons Destruction Program to build a chemical demilitarization facility.

It makes a tremendous difference in the lives of the 22 children living at the orphanage.

"The staff of Orphanage Rassvet expresses gratitude for how employees from the Corps and Parsons have helped the children," wrote V.P. Stennikova, orphanage director in a letter to sponsors.

"You have formed bonds that make a difference in the lives of the children, since many of the children have been disconnected with family and friends due to famine and disaster situations."



Courtesy photo

BONDING EXPERIENCE— Huntsville Center employee Lance Lawton interacts with children from Rassvet Orphanage on an outing to a restaurant.

Corps employees Lance Lawton, Don Bollinger and Sanford Yeung took 25 children and eight staff members from the orphanage to Specialists Camp Feb. 12. The group toured the facilities, watched the movie "Madagascar" and ate American spaghetti, chicken and pizza with ice cream for dessert. The children also performed the Fantastic Music Show, devoted to the "birthday" of the house spirit Kusya, which they celebrate each year.

"After a long day of excitement, the chil-

dren boarded the bus back to the orphanage with memories of a day filled with fun, food and fellowship and a smile on each face," said Lance Lawton, the deputy on-site manager for the Shchuch'ye project site.

In January, Huntsville Center and Parsons took the children on an outing to the City Square where they saw ice sculptures, ice slides, carnival rides and the Oriental museum.

"We also took them to dinner at the movie theater complex, and got everyone hamburgers, french fries and cokes with ice cream for dessert," Lawton said. "This was the first time having American type food for many of the children."

At another outing in September 2005, the sponsors took the children shopping and allowed each child to select a toy at the toy store. "Oftentimes the staff mem-

bers add extra money for more expensive toys or something extra the child might need like gloves," Lawton said. "On that trip, we also bought each child shoes and a warm jacket."

During the past six years, Corps employees have led numerous efforts to collect money or provide food, clothing and building supplies and materials for the orphanage, which has been in operation since October 2000.

"Many of the children don't have family at all, and really need help from others," Lawton said. "We hope to do more for the children in the future."

"Let you be always surrounded by such a sensitive people as you are who are ready to help others in any time," Stennikova said. "And kindness will bring kindness back to you."

Military family support should be priority

Servicemembers required to provide for dependents

By Capt. MICHAEL FECTEAU
Legal Assistance chief

Regardless of the branch of service, all active duty servicemembers are required to provide financial support to their dependents. Failure to provide financial support to dependents can result in Uniform Code of Military Justice as well as adverse administrative action.

The Army family support requirement is governed by Army Regulation 608-99. Soldiers are required to manage their personal affairs in a manner that does not bring discredit upon themselves or the Army.

This responsibility includes: (1) maintaining reasonable contact with family members so that their financial needs and welfare do not become official matters of

concern for the Army; (2) conducting themselves in an honorable manner with regard to parental commitments and responsibilities; (3) providing adequate financial support to family members; and (4) complying with all court orders.

A Soldier's obligation to provide financial support to family is not contingent upon whether the Soldier is entitled to, or receiving, any form of Basic Allowance for Housing. In the absence of a financial support agreement or court order containing a financial support provision, Soldiers, as a general rule, are required to provide the rank/grade specific BAH-II With Dependent rate or prorate where warranted per month, on the first of each month, to their dependents. For exceptions to the general rule, see Army Regulation 635-200, paragraph 2-6 and paragraph 2-14.

For more information, call the Redstone Legal Assistance Office at 876-9005.

Things to do for Army Emergency Relief

Fund-raising campaign goes through May 15

Army Emergency Relief fund-raisers include the following:

- AER Online Auction, now through May 15, at www.aer-redstone.com. Brought to you by PEO Aviation. For information call Maj. Mathew McCauley 313-4260.
- Chick-fil-A on South Memorial Parkway is contributing 15 percent of its lunchtime revenue to AER every Thursday until May 15. Call Belinda Bailey 313-2257.
- The ASGE Directorate of Research Development and Engineering Center is selling Polo T-shirts and denims, along with caps and coffee mugs. The design is a full span eagle atop an American flag with the words "Redstone Arsenal" on top and "Soaring to New Heights" underneath. The shirts range in price from \$14 to \$30, caps \$12 and coffee mugs \$7. The design is a Team Redstone design. Orders will be placed weekly with a 1-2 week delivery time. For more information call Kay Patton 876-3525 or e-mail kay.patton@us.army.mil.
- Coupon books for sale at \$12 each from 10 a.m. to 1 p.m. today at Sparkman Cafeteria. Coupon books will be available through May 15. Call Cheryl Baker 842-8695, Ranny Vinson 842-6793 and Kim Sharp 876-8696. Brought to you by Integrated Materiel Management Center,



Photo by Skip Vaughn

ON A ROLL— Carol Knowles of IMMC's Transportation and Distribution Division eats the last of a cinnamon roll sale March 22 hosted by the Integrated Materiel Management Center, transportation division and Supply Chain Executive Division.

ILS/Manprint Office.

- Flex Tickets to Theatre of Huntsville Performances, \$12 each. Each flex coupon is redeemable for a seat to any Theatre of Huntsville play. All money goes to AER. Available anytime from Pat Blackman 842-8101 or Nancy Morris

955-9613. Brought to you by IMMC, Maintenance Information Branch.

- Barbecue Plate and Bake Sale, today from 7 a.m. to 1 p.m., in front of building 5309. Hosted by IMMC, Lower Tier Sustainment Logistics Directorate. Call Roosevelt Pitts 313-1068, Dave Moudy 313-1069, Pam Reyer 313-1077 and Patricia Cox 842-7904.
- Bake Sale, April 4, 7:30 a.m. until it's all gone, building 5300 hallway. Hosted by LAISO. Call Mary Ann Caissie 876-0829.
- Bake Sale, April 4 from 6-11 a.m., building 4488 lobby. Hosted by the Garrison, Directorate of Logistics. Call Helena Tate 876-8117.
- Krispy Kreme Doughnuts and Bake Sale, April 6 from 7:30-11 a.m., building 5300 hallway. Hosted by IMMC, Requisition Operations Branch. Call Margaret Hopkins 876-4381 and Shirley Cunningham 842-0166.
- Motorcycle Poker Run, April 9 (rain or shine) from noon to 3 p.m. CD's Pub and Grill, 107 Arlington Drive, Madison. Hosted by IMMC, Associate Directorate, Missiles and Space. Call Mitchell Novalis 876-3564.
- Patriotic Gear, April 11-12 from 10 a.m. to 12:30 p.m., Sparkman Cafeteria hallway. Hosted by IMMC, National Maintenance Branch. Items available anytime from Sharon Sipp 876-1748.
- Fourth annual AER Charity Car "Show of Support," April 15 from 9 a.m. to 3 p.m. (rain date April 22). Veterans Memorial Museum in Huntsville, 2060A Airport Road. Hosted by Fox Army Health Center and Vets with Vettes & Corvette Owners. Call Sgt. 1st Class Thomas Perkins 955-8888, ext. 1146.
- Scented Candles, April 18 from 10:30 a.m. to 12:30 p.m., Sparkman Cafeteria hallway. Sponsored by IMMC, Maintenance Directorate, OLR Branch. Call Teri Benson 842-7717.
- Ice Cream Social, April 18 from 10:30 a.m. to 12:30 p.m., building 5300 hallway between 5301 and 5302. Hosted by IMMC, Maintenance Directorate, OLR

Branch. Call Amos Richardson 955-9395 and Danny Berger 955-6193.

- Golf Tournament, April 20 at 8 a.m. at Sunset Landing Golf Course. Four-person scramble format, with registration limited to 25 teams. Registration for \$160 per team includes range balls, green/cart fee and lunch. Door prizes will be awarded. This third annual event is sponsored by the Engineering Directorate. Call Chris Farmer 313-6553, Will Lovell 955-2370 and Ken Nebrig 313-6569.
- Homemade Chili and Bake Sale, April 20 from 11 a.m. until sold out, building 5300, first floor, between 5301 and 5302. Hosted by IMMC, Business Management Office. Call Scott Bryson 842-6677.
- Used Book Sale, April 24-28 from 11 a.m. to 1 p.m., Sparkman Center first floor, building 5300, corridor between 5303 and 5304. Hosted by IMMC. Donations of books, books-on-tape, CDs, DVDs, and videotapes are welcome through April 26. If you have items to donate, call Brian Barry 876-5743 to arrange delivery and pickup of those items.
- Garrison AER Fund-raising Day, May 3 from 10 a.m. to 2 p.m., building 4488. Call Cathy Hays 876-5041.
- "No-Tap" Bowling Tournament, May 4, noon to 3 p.m. at Redstone Lanes. Hosted by IMMC, Depot Maintenance Directorate. Tickets are \$10 and entitle you to three games. Call Don Slagle 876-3445, Lynn Moore 955-6001 and Sandra Swartz 842-6772.
- Barbecue Plate and Bake Sale, May 11 from 7 a.m. to 1 p.m., in front of building 5309. Hosted by IMMC, Lower Tier Sustainment Logistics Directorate. Call Roosevelt Pitts 313-1068, Dave Moudy 313-1069, Pam Reyer 313-1077 and Patricia Cox 842-7904.
- Scented Candles, May 11 from 10:30 a.m. to 12:30 p.m., Sparkman Cafeteria Hallway. Brought to you by IMMC, Maintenance Directorate, OLR Branch. Call Teri Benson 842-7717.

Bahrain Defense Force members on course for Redstone

Rocket system repairers to train at Ordnance school

By Spc. ELIAMAR TRAPP
Staff writer
eliamar.trapp@redstone.army.mil

Members of the Baharain Defense Force toured the Ordnance Munitions and Electronics Maintenance School area March 22 as part of a nationwide tour to establish training locations for Bahraini soldiers.

As part of the visit, the Bahraini guests were briefed on a series of courses offered by OMEMS with a concentration on the Multiple Launch Rocket System Repairer course. An MLRS is an automatic high mobility rocket system which fires surface-to-surface rockets and the Army Tactical Missile System.

Lt. Col. Fahad Al Noaimi, member of the Bahrain Royal Artillery Force, said Bahraini soldiers have the facilities to train and maintain the MLRS but those facilities do not provide the same advanced maintenance and technical training provided at OMEMS.

“The launchers we have come from the United States, what better way to train our soldiers on the equipment than to send them back to the source,” he said.

The last Bahraini soldier to attend a course at OMEMS graduated the course three years ago. Al

Noaimi said that’s largely due to the decline in the number of Bahraini soldiers who are able to pass the English aptitude tests required of them to train in the U.S.

“It’s a challenge that we can and have already overcome,” he said. He added that there are already soldiers waiting for his teams’ return to receive the go-ahead to move out to the various training locations across the U.S. – three or four of them will be attending courses offered by OMEMS including the MLRS repairer and Explosive Ordnance Disposal courses.

As part of the visit, the Bahraini guests had the opportunity to meet another foreign soldier, Capt. Ahmed El-Houty, from the Egyptian army, who is at Redstone training with OMEMS.

“I am confident that our soldiers will be properly trained and cared for while they are training in the U.S.,” Al Noaimi said. “I know we have chosen the right location for them and we are all very grateful for the hospitality everyone has demonstrated us since our arrival.”

“The visit was a great opportunity to show our Bahraini brothers-in-arms our training abilities at the 59th Ordnance Brigade,” said Lt. Col. Mark Davidson, 59th Ordnance Brigade chief of staff. “We really look forward to having their soldiers train side-by-side with our Soldiers.”



Photo by Spc. Eliamar Trapp

POINT OF VIEW— Kenneth Ravenel, instructor at the Ammunition Supply Point, shows the MLRS forklift attachment system to Lt. Col. Fahad Al Noaimi, Bahraini Royal Artillery, and to Maj. Saleh Khalifa Al Sada, MLRS Battery commander of the Bahrain Defense Force, at the supply point during their visit to Redstone March 22.

Kids can see what parents do for a living

Bring Child to Work Day celebrated April 27

By **KIM HENRY**

Staff writer

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How many employees could honestly say their kids know what they do for a living? The Aviation and Missile Command wants to give some Redstone employees the opportunity to do just that and even more.

In conjunction with the national Take Our Daughters and Sons to Work day, AMCOM will host a Bring Your Child to Work Day event April 27. The event will coincide with the national date, annually the fourth Thursday in April.

This year the Bring Your Child to Work Day event will be held at the Diane Campbell Recreation Center adjacent to the parade field on Patton Road. The event is open to employees of AMCOM, Program Executive Office for Aviation, PEO for Missiles and Space, the Research Development and Engineering Center and the Garrison.

Children must be 8 or older to attend. Parents and/or guardians must be with their children at all times. In order to participate in the event, parents must register on the Intranet web site, <https://bringyourchildtowork.redstone.army.mil>. Parents should check with their child's school to make sure the absence is excused. Excused absence letters can be printed from the web site.

The organized portion of the event will



Photo by Sandy Riebeling

GOTCHA— A demonstration in April 2004 of Redstone's Military Working Dog unit shows how Pitjo keeps a suspect (Officer Mike Thompson) from escaping. A similar demonstration is among the upcoming Bring Your Child to Work Day activities.

begin at 7 a.m. and finish at noon. The day will begin with parents and children signing in and receiving their badges and registration packet at the recreation center. The badges issued the morning of the event will be prepared in advance based on registration information. When entering the Arsenal, children 16 and older will

be required to have a picture ID.

After a short opening ceremony, participants have the opportunity to attend two events that they registered for on the web site. Events include a TOW missile firing, a wetlands tour, a robotics demonstration, a hands-on tour of a fire truck, a military working dogs demonstration or getting up close with different military equipment that Redstone supports. Some events will require bus transportation; others will be located at the parade field. Those riding buses will need to turn in a signed 'hold and release harmless' form before getting on the bus. Those forms are on the web site.

Since some events require bus transportation, seating is limited. When employees register they will pick an event for each of the two morning sessions. Events are first come, first serve. As sessions fill up, employees will not be able to select them. Registration will close April 21 or once maximum capacity is reached.

After the second session, parents and children are free to have lunch on their own and then employees can either take the child to their workplace or participate in their organization's event. Employees should look for information from their organization regarding the plans for the afternoon portion.

In case of inclement weather there will be an alternate schedule that includes showing the animated movie "Robots" and a Military Working Dog Demo indoors at the recreation center.

Please let us know if there any employees in your organization who would like to help with this event. For more information about

the event, visit the web site at www.bringyourchildtowork.redstone.army.mil or the Intranet site. Participants who need to change or cancel their registration should contact Kim Henry at kimberly.henry2@us.army.mil or 842-0561.



Photo by Michael A. Smith

Earned rewards

Ruth Ann Burton, budget team leader in the Cruise Missile Defense Systems Project Office, enjoys her retirement ceremony March 21 at the Officers and Civilians Club. She leaves with 34 years of government service. She and Tom Pond both retire from CMDS budget office April 2.

■ Electronic collection includes aeronautic journals

Library

continued from page 5

available for each journal issue with a direct link to every article listed. In addition to current articles, the AIAA data base includes a complete archive of these AIAA journals.

The AIAA meeting papers collection, which goes back to 1963, is another popular resource at Redstone Scientific Information Center. This section of the electronic library includes approximately 100,000 papers which are drawn from about 20 conferences. Approximately 6,000 new papers covering a wide variety of aerospace topics are added to the collection each year. For example, a keyword search on "high altitude airships" yielded 25 conference papers published between 2000 and 2005. Examples of conference topics presented during the past year are unmanned aerial vehicles, launch vehicle architecture, and propulsion system designs.

Both magazine articles and meeting papers can be printed in full text from the electronic library. In addition to the electronic version, the Redstone Scientific Information Center collection includes

several thousand AIAA meeting papers in hard copy for those users who prefer that format.

Like other data bases available through the center, accessing the AIAA electronic library is simple for registered customers. First log onto the online catalog at <https://rsic.amrdec.army.mil>, then click on the Knowledge Portal. Next select American Institute of Aeronautics and Astronautics from the list of data bases.

To search for an article using the advanced search screen, you can use the AIAA paper number, if available. You can also search by title of the article, author or by a conference title. The data base searches across all AIAA publications, but you may also limit the search to a specific journal, if desired.

If you are not registered to use the center, call 876-5195 for information on how to register. Registration is open to all members of Team Redstone, including contractors with the Army and NASA. Contact the center staff if you have any questions about using AIAA or other library materials.

The Redstone Scientific Information Center is located in building 4484 and the librarians can help you use any of the electronic resources.

Infrared decoys boost aviation confidence

Countermeasures credited with air crew protection

By **KIM HENRY**
Staff writer
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Outsmarting the enemy is essential to keeping Soldiers safe. Employees of the Army Aircraft Survivability Equipment Program Director's Office know this all too well.

Tragically on Nov. 2, 2003, 16 Soldiers were killed when their Chinook was shot down by a missile in Iraq. The helicopter was part of a formation of two Chinooks carrying more than 50 passengers to take rest and recreation leave abroad.

After this incident, the then acting Secretary of the Army R.L. Brownlee requested immediate action.

"I want to see, as soon as possible, a plan to equip all our helicopters in Iraq and Afghanistan with the most effective defensive systems we have in development or procurement. Affordability is not the constraint for such a plan



Photo by Grant South

DECOYING DANGER— A Common Missile Warning System on a UH-60 Black Hawk in Iraq dispenses flares to decoy a missile away from the aircraft.

— only what is doable considering technology, production, acquisition and application," Brownlee said in a Nov. 7, 2003 memo. And in handwritten postscript he wrote, "This is URGENT!"

In February 2004, the Infrared Countermeasures Product Manager's Office under the ASE PM sprang into action. With money

flowing in, they started the integration and installation of the Common Missile Warning System on aviation platforms. The first CMWS systems were installed on Chinooks in early August 2004.

"We've really spared nothing in terms of getting the CMWS out to the field," Col. Philip Carey, infrared countermeasures

product manager, said. "When you consider that this system is state-of-the-art technology coupled with the difficulty of rapidly fielding and integrating it on different platforms you quickly realize the enormity of meeting Secretary Brownlee's challenge. But nevertheless we took on the challenge and within a year we were actually beginning to install hardware on the aircraft that were readying for deployment in rotation 04-06. That's a tremendous accomplishment."

In November 2003, CMWS had just entered low-rate initial production. "In essence we hadn't completed all the testing on the program that was required to go to a full-rate production decision," Grant South, CMWS program analyst, said. "When the memo came out asking for a solution — we carried forward. We've got a solution, even though we haven't completed all the testing, we have completed enough testing on the CMWS side that we are confident in this capability that it's going to answer the mail."

Starting in February 2004,

PM IRCM employees started designing installation kits for platforms that were deploying. "We got the message. Went right to the drawing boards and started the A-Kit integration and that is all of the cabling and mounting points/attaching points that are installed on that aircraft and will forever remain with that aircraft," Carey said. "So we started with that A-Kit integration right away and within a year we had A Kits installed on Black Hawks and Chinooks and worked our way into the fixed wing fleet as well and ultimately onto the Apache."

Aviation and Missile Command OLR teams went out to unit locations to field and install the A Kits. Their first stop was the 3rd Infantry Division in August 2004. They installed A and B Kits on Chinooks and Black Hawks which would be deploying to Iraq. Next equipped were some of the aircraft from the 3/158th Aviation Battalion in Germany which were getting ready to deploy to Afghanistan.

See **Decoys** on page 19

Redstone pilot climbs to next level

Flying Activity instructor gets master certification

By **KELLEY LANE**

Staff writer

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No matter how good you are at something or how long you've been doing it, there is always a higher level to strive for. Jim Covington, Redstone Flying Activity instructor, has taken his game to the next level.

He has been named a Master Certificated Flight Instructor by the National Association of Flight Instructors.

"There are only like 500 nationwide," Covington said. "There are seven in Alabama. The only other one here is the one who taught me."

The love of flight is one that Covington developed early on dreaming of space.

"My father and grandfather both worked for NASA. I grew up here in Huntsville in the 1960s," he said. "There was a lot of aviation, rocket and space things going on at that time. I remember watching the Apollo missions on TV. I watched them walk on the moon."

Covington spends his work week surrounded by the miracle



Photo by Kelley Lane

TOP TEACHER— Jim Covington of Redstone Flying Activity is the master of his domain in the cockpit.

of flight as well as a contractor computer systems engineer in the Software Engineering Directorate, working with Black Hawk flight simulators.

"I'm on a simulator or a real airplane just about every day of the week," Covington said laughing.

He said he always knew he wanted to be a pilot. When he was at a point financially to make that dream a reality, he went for it by earning his pilot's license at RAFA in 1997. He did-

n't stop there. He went on to become an instructor in 2002 so he could share his dream with others. Now he's flying high. The requirements to reach the MCFI level were not easy. It is an extensive combination of documentation, testing and review.

"It's very similar to the requirements for a regular college program. To do this you have to have 32 credits. If you work out the hours on that it's something like 350 to 400 hours to be able to do this. Just putting

together the documentation package probably took me 60 hours," he said.

MCFI designation is part of the continuing education program for pilots and flight instructors, which means that he doesn't get to cool his jets and relax now that he has it under his belt. In order to maintain his newly acquired status, Covington must repeat the process every two years. It's designed to ensure master instructors stay masters of what's going on in aviation.

"You don't want to be stagnant when you're teaching people. If you're not learning at the same time then your information is going to be old," he said. "I'm a strong believer in continuing education and what the program does."

He's proud of the fact that not only is his wife, Teresa, supportive of his interest in aviation, she's enthusiastic. The Covingtons purchased their own small aircraft in 2004, used in large part to shorten the miles between members of their family. They have a daughter in Tuscaloosa, his wife's family in Mobile, and other family in Illinois and Pennsylvania. Having a plane at their disposal makes getting together on a regular basis easier.

"We go down and have dinner

with our daughter and her husband about once a month. We use it a good bit. It takes what would be several days worth of traveling and makes it a couple hours," he said. "We joke that it's my wife's airline and I'm just her pilot."

In fact, the couple is making the short jaunt to Lakeland, Fla., next week for the annual Sun N' Fun Fly-In, a convention-style gathering of airplane enthusiasts. There they will rub elbows with other pilots, suppliers and exhibitors to share not only what's going on with airplanes, but also what's new in the flying community.

"It's the second largest in the nation," he said. "There will be about 10,000 airplanes there. Attendance will be 400,000 to 500,000."

He encourages others to pursue their dreams as well. If that dream happens to be flying, he suggests a visit to Redstone Flying Activity, now over 300 members strong.

"It's a great asset for the people on Redstone. We're here to serve this community. There are 25 to 30 instructors here," he said. "It's a good social club, too. We have Saturday cookouts. Come hang out, talk about airplanes and have a cheeseburger."

Buffalo Soldier beckons to Huntsville's past

Public site wanted for bronze statue

By KARI HAWKINS
Staff writer
karihawk@knology.net

A black Soldier on horseback carrying a 10th Cavalry flag stands as a sentinel in the main hallway of the Academy for Academics & Arts.

The 10-foot-tall bronze statue is a reminder of a unit of Soldiers who are often forgotten in the history of both the nation and Huntsville, a unit of Soldiers who were among the bravest and toughest to fight in the Indian Wars, the Spanish-American War and the world wars.

They are the 10th Cavalry of the Buffalo Soldiers, stationed in Huntsville for about four months in late 1898 and early 1899 following the Spanish-American War. They were assigned to Camp Albert G. Forse, located on or near the academy's school grounds on Poplar Avenue in northwest Huntsville.

Though the majority of Huntsvillians don't know about the Buffalo Soldiers, a group of seventh- and eighth-grade students at the Huntsville City Schools' arts magnet school have dedicated class time to learning about them and the contributions they made to the nation's history.

"The 9th and 10th Cavalries were established after the Civil War," said retired Maj. Gary Leopold, who teaches history at the academy.

"After the Civil War, Congress passed a bill for this peacetime military unit. Six regiments



Photo by Kari Hawkins

SCHOOL SENTINEL— Huntsville's Buffalo Soldier statue is housed in the hallway near a water fountain at the Academy for Academics and Arts. Students at the school would like to see the Buffalo Soldier in a more fitting place – outside in a monument park honoring the history of the Army's Buffalo Soldiers. They are working to start an awareness and fund-raising campaign for the park.

– four infantry and two cavalry – were in the unit for a total of about 6,000 Soldiers. Many were freed slaves who enlisted. It is thought they got the name Buffalo Soldier from the Indians for their fearlessness and courage, and for the dreadlocks that reminded the Indians of the tuft between the horns of the bison. They served at Wounded Knee and with Teddy Roosevelt in Cuba."

Buffalo Soldiers also battled Crazy Horse, helped capture Geronimo and Billy the Kid, and strung telegraph lines across the West.

Through a program that has become known as the Buffalo Soldier Service Learning Project, academy students hope to raise awareness of the Buffalo Soldiers while also raising funds to put the statue in a park right outside the school. They are researching the Buffalo Soldiers, writing press releases and letters, developing a fund-raising mailing list, and planning a publicity and fund-raising campaign.

In their research, the students have discovered that the 10th

Cavalry was first sent with the 9th Cavalry and the 24th and 25th Infantry to fight the Indians in the West.

"These were pretty special troops," Leopold said. "They were fighting Indians in 1868. They were Soldiers hardened with experience, and often having to use guns and other equipment that the white units no longer wanted. They were super Soldiers."

They also had a significant role in the Battle of San Juan Heights in Cuba during the Spanish-American War. Though they were a cavalry regiment, the Soldiers did not fight on mounts in Cuba.

"They were supposed to be on horseback," Leopold said. "But there were some problems with space or timing, and the horses never got shipped. So, they actually fought in Cuba on foot."

Sgt. George Berry of the 10th Cavalry was the flag bearer for his unit at San Juan Hill. As the white 3rd Cavalry and the black 10th Cavalry charged up the hill, the flag bearer for the 3rd Cavalry was wounded. Berry took his



Photo by Kari Hawkins

DOING RESEARCH— Cherise Maddox, the gifted teacher at the Academy for Academics and Arts, works with students from left Michael Morris, Kirk McDonald (standing) and Charles Steele to discover what is fact and what is fiction in their research of the 10th Cavalry Buffalo Soldiers, an all-black regiment stationed in Huntsville in late 1898 and early 1899.

flag and led the charge up San Juan Hill carrying both flags.

"The statue is supposed to be of Sgt. Berry because he carried the colors for both the 10th Cavalry and the 3rd Cavalry up San Juan," said seventh-grader David Yarbrough.

"The statue got me curious about the Soldiers. I wanted to find out more about them."

After the Spanish-American War, the 10th Cavalry was stationed in upper New York State.

"It was just too cold for them," Leopold said. "They were black troops who had just come out of the tropics. Many became sick with malaria or what have you."

Two Huntsville residents went to D.C. and petitioned to have troops stationed in Huntsville, "claiming it was one of the healthiest sites in the nation," Leopold said. "It was decided the 10th Cavalry would stay in Huntsville until they got their permanent orders."

The Soldiers stayed on or near the site where the academy is today until January 1899, when they received permanent orders for Ft. Granger in Texas. The school, built in 1958, was originally named Cavalry Hill in recognition of the Buffalo Soldiers.

Another unit – the all-white 16th Infantry – also was stationed in Huntsville at the same time as the 10th Cavalry. There is a story about a fight between Soldiers from the two units. The students are trying to document the fight, and they want to see how three local newspapers – two white and one black – covered the conflict.

They also want to find documentation of the band concerts the 10th Cavalry gave for the public, and of an incident where a black Soldier shot and killed two other black Soldiers.

"We're trying to find out if the stories we've heard are fact or fiction," Leopold said.

In previous years, students at the Academy of Science and Foreign Language discovered the burial grounds of two 10th Cavalry Soldiers during a local archeological expedition. Academy students also hope to dig up history of the 10th Cavalry during their own expedition.

During their initial research, though, the students have already uncovered some interesting facts.

"I didn't know there was a female Buffalo Soldier," said seventh-grader Celia Thomason. "I typed in Buffalo Soldier on the Internet and an article came up on her. She was able to disguise herself as a man."

Cathay Williams worked as a house slave before the Civil War. Sometime later, her master died. So, she changed her name to William Cathay and served with the Buffalo Soldiers from 1866-68.

"When she was a Buffalo Soldier, she became very ill and the post surgeon discovered she was a female," Celia said. "She was then discharged from the Buffalo Soldiers."

David has found a more traditional discovery – the black Soldiers of the 10th Cavalry who received the Medal of Honor.

"There were a lot of Medal of Honor Soldiers from the Spanish-American War, including Sgt. Berry," David said.

In his research, David discovered the very first black man to receive a Medal of Honor. Pvt. George H. Wanton received the medal for volunteering to go ashore in the face of the enemy and aid in the rescue of wounded comrades during the Spanish-American War. Pvt. Fitz Lee, Pvt. William H. Tompkins and Pvt. Dennis Bell also were awarded Medals of Honor for their involvement in the same rescue.

Sgt. Maj. Edward L. Baker Jr. received a Medal of Honor for leaving cover while under fire to rescue a wounded comrade who was drowning. And, Sgt. William McBryer received a Medal of Honor for his involvement in a battle with Apache Indians in Arizona Territory.

The City of Huntsville paid \$150,000 for the Buffalo Soldier statue, which was sculpted by

See Monument on page 19



Photo by Kari Hawkins

QUESTIONS OF HISTORY— Academy student Anna Hawkins talks to her history teacher, retired Maj. Gary Leopold, about the questions that need to be asked while the students do research on the 10th Cavalry Buffalo Soldiers.

Decoys

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“Those were the first aircraft to deploy into harm’s way with the new system,” South said. By January 2005, 3rd ID aircraft were operational with their new CMWS system in theater.

“If you look at where the program has gone in terms of production, in January 2004 we were building four systems a month and this month, March 2006, we will be building 40 systems monthly so our production has increased tenfold within a little over two years time,” Carey said. “That’s due to Army leadership’s commitment to making ASE a top priority in Army aviation and BAE Systems making this a high priority program and committing the resources to make the CMWS more available to the Army in very rapid fashion.”

The plan is to equip more than 3,500 aircraft with the CMWS A (installation) Kits, essentially making all Army aircraft wired and ready for CMWS B Kits. Those aircraft heading into harm’s way will be outfitted with the CMWS B Kit. The Army is planning on procuring 1,710 B Kits.

“We have installed CMWS on various aircraft across active duty, Reserve component and National Guard units,” South said. “We were able to install the A Kits faster than we could provide the B Kits, so we are in the process of catching up right now. We expect to be caught up by the end of fiscal year 2007.”

How system works

It is an infrared missile warning system, which essentially is looking for ultraviolet energy a missile puts out. When it detects a missile coming toward the aircraft, it queues the dispenser system to launch flares which decoy the missile.

The system is composed of electro-optical missile sensors, an electronic control unit, a cockpit display unit, and dispensers. The electro-optical missile sensors act like the eyes of the system. They see UV energy. When it sees UV energy, it sends a message to the electronic control unit, which acts like the brain of the system. The control unit decides whether or not there is a threat to the aircraft and if there is it sends a signal out to the improved countermeasure dispenser which launches the flares to protect the aircraft by decoying the missile. Much like the human body reacting to a stimulus, the CMWS does all of this within seconds.

The most common types of missiles encountered by Army aviators on the battlefield are the surface-to-air infrared man portable air defense systems. Essentially this type of missile is seeking a heat source on the aircraft. By putting out flares, it is decoying the missile to the heat of the flares. The flares are emitting infrared heat to become a more attractive target than the aircraft.

“It’s very important to put the most state-of-the-art survivability equipment into the hands of our war fighters who are facing one of the most severe threats on the battlefield — MANPADS,” Carey

said. “We already know there is a huge proliferation of those throughout the world. There are large concentrations of them within the theater of operations. Although we’ve done our best to identify them we can’t eliminate them all. They are very accurate, very potent weapon systems. And it only takes one, which the Army learned from the shoot down of the CH-47 in November 2003 how devastating these weapons can be.

“Our objective here is to counter the precision guided weapon systems such as the MANPADS and to neutralize them,” Carey said. “We can’t put the insurgents out of business from here, but our products can make their business as bad as it can get. And the worse it gets for them potentially the less resources will be committed to their cause.”

Less worrying

The 3rd ID has since returned; and the aviation brigade commander, Col. Ron Tuggle, can attest to CMWS reliability. “I think CMWS gives the crews one less thing to worry about,” Tuggle said. “Instead of worrying about being fired on from the rear, they can look for the enemy.”

Systems like the CMWS give aviators more decision making time. This time is so important when making the right decision in a critical situation. Carey has heard from commanders like Tuggle of situations where pilots protected by Aircraft Survivability Equipment were actually willing to take a couple of extra minutes and survey a scene around the objective. In one situation this extra time prevented fratricide

because what the pilot thought were insurgents placing an IED turned out to be Iraqi army soldiers setting up a traffic control point.

“If you feel more secure, if you are better protected, if you can afford to take the additional time — you make better decisions in the long run,” Carey said. “That decision affects a better outcome not only on that mission but in the overall mission within the theater because these things all begin to accumulate upon one another.”

In terms of success, the CMWS has effectively countered a multitude of hostile engagements against Army aircraft, according to Carey. “It is definitely effective,” he said. Another sign of success is seen in the broken missile coins that BAE awards to crewman who report being protected by the CMWS in theater. “Needless to say, BAE systems by virtue of reports brought back to the airfield by crews successfully defended by CMWS have distributed a number of those coins.”

One of the more significant testimonies to CMWS’ success is a statement printed on a poster in Carey’s office by an aviator from the field. “I believe CMWS saved us.” This Soldier essentially saw the missile coming toward the aircraft and saw the system dispense the flares and saw the missile go away.

“So what we are doing is slowly, but surely building up confidence among the troops in CMWS. Confidence that CMWS will perform the vital role of protecting them in the theater of operations,” Carey said. “My job boils down to one line: Success and Survivability for Soldiers. That’s our job here. Build the systems

that make Soldiers successful, enable them to fight, win and survive on the battlefield and come home alive to their family and friends.”

Unified effort

The ASE program office falls under the Program Executive Office for Intelligence, Electronic Warfare and Sensors. Carey describes the way PEO IEW&S works with AMCOM and the PEO for Aviation as a team effort.

“This has to be truly one of the most satisfying jobs that I have personally had in my career because I have never seen such an outstanding command climate right here at AMCOM,” he said. “The platform PMs that I work with have been wholly supportive and simply outstanding in their willingness to work with us and to provide us everything we need and consequently we in turn want to provide them with the most effective ASE that we know that they need on the battlefield.”

AE systems and their subcontractors also play a role in the team effort to get CMWS to the field. Recently Soldiers who had returned from Iraq went to visit the factory. “When you touch a Soldier’s life you never forget that. When Soldiers like Col. Tuggle and Chief Warrant Officer Duane Oldfather come back into the factory to shake people’s hands, those people will remember that for the rest of their lives. There’s two American heroes that they brought home alive,” Carey said. “We are giving our Soldiers the best protection that we have available today so that they don’t suffer the same fate as those on the CH-47 in November 2003.”

Students work to support Buffalo Soldiers monument

Monument

continued from page 18

Casey Downing Jr., a Mobile sculptor who attended the University of Alabama-Huntsville. It has been estimated that the monument park will cost \$180,000 to build.

The students want to start a letter writing campaign that will convince potential donors, both locally and nationally, to make a contribution to help build the monument park. They hope to contact such famous people as Gen. Colin Powell, former President Bill Clinton and talk show host Oprah Winfrey to request their financial support.

“As you are doing your research, it will occur to you who we should write letters to for support,” said Cherise Maddox, the academy’s gifted teacher who is helping with the project.

Students Anna Quirk, Anna Hawkins and Courtney Little have focused their efforts on research while David is working on press releases and other students are working on brochures, publicity plans and contact lists.

“We’ve gotten a lot of research on the Buffalo Soldiers from the school archives,” Courtney said. “There’s been various research going on about the Buffalo Soldiers since the school has been here. This is an important part of American history and our school’s history.”

The students hope their efforts will go a long way toward getting the Buffalo Soldier statue in its own monument park.

“We know how important these Soldiers were to America and our community,” Anna Quirk said. “They haven’t gotten the recognition they deserve. We want to notify the community about them and honor these Soldiers.”

Anna Hawkins’ concern about the stat-

ue is even more practical.

“We want to get the Buffalo Soldier statue away from the school water fountain and out in its own park where it belongs,” she said.

Even though the statue isn’t currently in a good public location, its current residence is much better than the warehouse where it sat for two or three years. The students and their teachers think the lack of local public awareness of the Buffalo Soldiers is the reason why the statue has been kept in the dark.

“When people talk about the history of

Huntsville, they don’t talk about the Buffalo Soldiers,” Maddox said. “Our goal is to raise enough money and enough awareness to get this statute outside of a building where no one can see it and put it where people can see it and respect it.”

“It’s been lost to the memory of the community,” Leopold added. “It’s the largest redeployment camp ever stationed in Huntsville.”

For more information on the academy’s Buffalo Soldier Service Learning Project, call Leopold or Maddox at 428-7600.

Davis powers Dragons to post championship

326th Chemical Company beats Bravo in final

By SKIP VAUGHN

Rocket editor

skip.vaughn@redstone.army.mil

Derrick Davis figured he had to provide the offense for the 326th Chemical Company in the post basketball final against Bravo Company.

The 326th didn't have leading scorer Miguel Smith, who was out of town, and scoring threat Michael Gola, who was out with an right ankle injury. So the scoring burden fell on the wide shoulders of Davis, a 5-foot-11 power forward.

He delivered.

Davis scored a game-high 25, including three 3-pointers, as the Dragons beat Bravo 47-40 for the championship Thursday at Pagano Gym. Bravo, which had advanced from the losers bracket, won the night's first game 61-53.

"After we put in that hard work all season, I refused to let us come here and lose the championship game," Davis said.

The 326th (14-2) didn't have Smith for the entire postseason tournament. Gola got hurt with 2:36 left in the night's first game after scoring 14 points and didn't return.

"After Gola went out with injury, that was motivation to put the team on my back to win," said Davis, who finished with a game-high 18 in that game.

His scoring surge began two night's before in the Dragons' 42-38 win over Headquarters & Alpha. He scored a game-high 28 points, including five 3-pointers in the second half, to help the Dragons overcome a 20-14 halftime deficit.



Photo by Skip Vaughn

COUNT IT— Derrick Davis, the leading scorer in the final, makes a layup for 326th Chemical during the first of two games against Bravo.

"After that, I said I won't let us fail regardless of what," he said. "And if I had to leave it all on the court, I was prepared to let it all out on the court."

The 326th needed just that from him against Bravo (11-7). The Bulldogs were playing with confidence after winning five straight games since losing to MED-DAC on the tournament's opening night March 15.

See **Basketball** on page 21

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Runners invited to Ten-Miler tryouts

Team Redstone's streak of winning a medal in the annual Army Ten-Miler in Washington, D.C., was broken last year, but only because of a security concern. There were no results from the race after a suspicious package was found on the course and the runners had to run more than a mile extra.

Tryouts for Redstone's team this year are scheduled 7 a.m. May 6 and May 13 on a 10-mile course that begins and ends at the Sparkman Fitness Center. It's the same out-and-back route from previous years: south on Patton Road, past Buxton, turn around and return.

There are openings for eight military and four civilian members. The Redstone community is invited to try out – including active duty and retired military, National Guard and Reserve, and government and contractor civilian employees.

“Come on out and push the winning tradition along,” Chief Warrant Officer Harry Hobbs, team head coach, said.

The 22nd annual race is Oct. 8 in Washington, beginning and ending near the Pentagon.

For more information call Hobbs 842-6864, Skip Vaughn 876-1500 and Alexander Steel 876-3867. Interested military runners should call Hobbs so he can answer any questions they might have.

326th Chemical Company wins post basketball title

Basketball

continued from page 20

Antonio Guenovski scored 16 points and had three steals for Bravo. Coach/forward Roderick Brown added 14 points and Lawrence Scott grabbed 11 rebounds.

“Just coming from the losers bracket, I think we just kind of ran out of gas at the end,” Brown said.

The Dragons led 25-23 at halftime and scored the first four points of the second half. Davis scored 15 of his points and two of his 3-pointers after intermission.

“He’s the heart and soul of the team when Miguel’s not here,” said 326th player/coach Eddie Bryan, who had eight points and 11 rebounds.

Bryan described the keys to his team’s win. “A lot of heart, never quit and (we) quit talking to the referees,” he said. “We basically played our game the second game.”

“Defense the second game,” said 6-foot-4 center Larry Tharps, who blocked two shots. “First game, we played lackluster, didn’t play with any emotion. Second game, we tightened up on defense and that pulled us through.”

In the first game, Bravo was

led by Brown with 17 points, Ronnie Shepherd with 15, Scott with 13 and Guenovski with 12. The Bulldogs led 32-31 at halftime and outscored the Dragons 29-22 in the second half.

Here are last week’s results from the tournament:

- **March 20** – Headquarters & Alpha def. defending champion Charlie 36-19 and NCO Academy def. Marines 51-48.

- **March 21** – 326th Chemical def. Headquarters & Alpha 42-38, Bravo won by forfeit over Charlie and MEDDAC def. NCO Academy 41-39.

- **March 22** – Bravo def. MEDDAC 52-51 and Bravo def. Headquarters & Alpha 45-39.

- **March 23** – Bravo def. 326th Chemical 61-53 and 326th def. Bravo 47-40 for the championship.

Photo by Skip Vaughn

GOOD CHEMISTRY—
The 326th Chemical players celebrate their post championship.

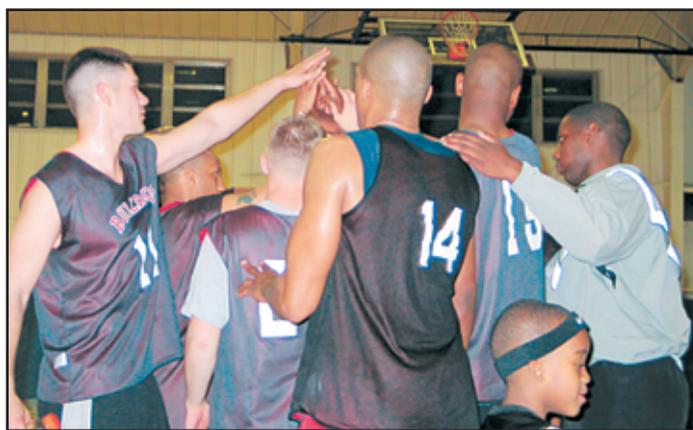


Photo by Skip Vaughn

WORTHY OPPONENT— Bravo players huddle near the end of their first-game win against 326th but they went on to lose the second and deciding game.





Sports & Recreation

Amateur softball night

The Alabama Amateur Softball Association has formed a partnership with the Huntsville Stars, the Double-A affiliate of the Milwaukee Brewers. June 16 has been designated as ASA Night. This special night is targeted at all ASA registered teams, adult and youth, in the area. The Huntsville Stars have set up a discount package for teams. This event will include an appearance by Kelly Kretschman, Olympic gold medalist in softball, as well as fireworks that will be held after the baseball game at Joe Davis Stadium.

Ten-miler tryouts

Tryouts for Redstone's team in the Army Ten-Miler are 7 a.m. May 6 and May 13 on a 10-mile course beginning and ending at Sparkman Fitness Center. There are openings for eight military and four civilian members. The Redstone community is invited to try out – including active duty and retired military, National Guard and Reserve, and government and contractor civilian employees. The 22nd annual Army Ten-Miler is Oct. 8 in Washington, D.C. For more information on the tryouts, call team head coach Chief Warrant Officer Harry Hobbs 842-6864, Skip Vaughn 876-1500 and Alexander Steel 876-3867. Interested military runners should call Hobbs so he can answer any questions they might have.

Youth fitness

Youth Sports is conducting a fitness program for ages 12-18 from now through May 17 at the Youth Center. The program includes strength training, cardiovascular conditioning, flexibility and education. It meets Monday and Wednesday from 4:30-5:30 p.m. each week. There is no program fee, but central registration fee of \$18 will apply, if not already enrolled at CYS Central Registration. For more information, call 313-3699.

Golf bus trip

The Civilian Welfare Fund Council is sponsoring a golf trip to the Dancing Rabbit Golf Course at the Pearl River Resort in Choctaw, Miss. This three-day trip will depart May 19 at around 6 a.m. and return May 21 about 8 p.m. There will be two 18-hole tournaments held on the two Dancing Rabbit courses (the Oaks and the

Azaleas). The Callaway Handicap system will be used in each tournament to make the events competitive regardless of an individual's handicap. Cost for this trip is \$225 per person based upon double occupancy. Included in this rate is two nights stay at the Pearl River Resort, bus fare, green fees and shared cart for two rounds of golf, awards, and snacks and beverages on the bus. A non-golfing spouse fee is available at \$125. For reservations, e-mail Bob Olson at bob.olson@amrdec.army.mil. A \$125 per person deposit is due by Friday, and final payment will be due by May 12. Space is limited so make your reservation today.

Senior softball

The Huntsville Senior Softball league is seeking softball players who will be age 55 or older by Dec. 31. The slow-pitch league consists of players of all skills and abilities. For information call Ray Beverly 859-7419 or Fred Garcia 883-1135.

Bass tournament

The Army Aviation Association of America, Tennessee Valley Chapter, will hold its 2006 Spring Bass Tournament on April 22 at Spring Creek Marina. Entry fee is \$30 per boat for members, \$40 non-members. Registration deadline is April 14. Call Bob Vlasics 881-4144, Tom Geoffroy 895-4162 and Matt Boenker 955-6420.



Conferences & Meetings

Toastmasters

Tennessee Valley Toastmasters meets the first and third Saturday of each month at 9 a.m. at the Radisson Inn, 8721 Highway 20 West, Madison. For information call 876-8706 or e-mail amy.donlin@us.army.mil.

Enlisted spouses

Enlisted Spouses Club meets on the second Thursday of the month at 6:30 p.m. at the Challenger Activity Center. New members are always welcome. Child care reimbursement is available to members. For more information, call Jean Mulcahy 881-7024.

Officers association

The Huntsville Chapter of the Military Officers Association of America will hold its monthly luncheon meeting today at 11 in the Officers and Civilians Club. Scheduled speaker Joe Massonelli is to discuss the past and future of Wal-Mart. For more

information, call retired Maj. Steve Crawley 883-2323.

Logistics workshop

The Logistics Support Activity's Worldwide Logistics Training Workshop is April 24-28 at the Sparkman Center. This workshop offers an opportunity for attendees, from strategic through tactical levels, to receive instruction and obtain a wide range of information on logistics systems, programs and initiatives. The theme for this year's workshop is "Delivering ACTIONABLE Logistics Information to the Warfighter." Soldiers, civilians and contractors can register online by completing the 2006 WLTW Registration Form at <https://www.logsa.army.mil>. Registration will be open through April 14. Questions concerning the workshop can be e-mailed to wltw@logsa.army.mil.

Technical communicators

Society for Technical Communication will have a joint meeting with Human Factors and Ergonomics Society on Thursday from 11:30 a.m. to 1 p.m. at Lone Star Steakhouse, 5901 University Drive. For more information e-mail bshardin_at_home@yahoo.com.

Contract seminar

National Contract Management Association presents an educational seminar, titled "The Service Contract Act, A Trap for Unsuspecting Contractors," Thursday from 5:30-8:30 p.m. at BAE System Analytical Solutions Inc., 310 Voyager Drive. Cost is \$30 for NCMA members, \$40 for non-members. For more information, call Joey Strachan 713-5902.

Logistics society

The Logistics Data Standardization Seminar will be hosted by the Tennessee Valley Chapter of the International Society of Logistics on May 2-4 at the Officers and Civilians Club. This seminar is to provide life cycle logistics professionals with the latest information on emerging logistics data standardization concepts/changes and the latest supportability tools, techniques and lessons learned in product data use. For more information, e-mail Randy Gibbs at randy.gibbs1@us.army.mil.

Acquisition community

The 2006 Acquisition Community Conference, hosted by the Defense Acquisition University and sponsored by the DAU Alumni Association, will explore

the topic "Quadrennial Defense Review: Impact on DoD and Defense Industry." The conference will generate discussions on shared concerns and interests across the military-defense industry community regarding priorities specified in the defense review. The conference will be held April 18 at the DAU Campus, building 226 (Howell Auditorium), Fort Belvoir, Va. It will also be linked by video-teleconference to the DAU South Campus in Huntsville. Those interested in acquiring firsthand knowledge about the defense review and its impacts are encouraged to register for the conference online at www.dauaa.org, or dauaa-s@dau.mil for the Huntsville video-teleconference. The contact for satellite connections is Emma White in Huntsville 722-1079.

Civil War talk

"Collecting the Civil War," a talk about collecting and researching Civil War materiel, will be presented by Sid Lyons of the local Tennessee Valley Civil War Round Table. The presentation is 6:30 p.m. April 13 at the Elks Club, 725 Franklin St., north entrance. The meeting is free. Chicken dinner is available at 5:30 p.m. for \$6.95. For information call 858-6191.

Computer users

The Huntsville Personal Computer Users Group will meet at 9:15 a.m. April 8 at the Senior Center, 2200 Drake Ave. Scheduled presenter Ron Schmitz will be followed at 10:45 by Gene Zajicek. Both are members of the group. The presentations are open to visitors. For more information, call 883-9601.

Simulation workshop

The "Simulation Interoperability Workshop and SpringSim '06" is April 2-7 at the Von Braun Center. For information, visit www.sisostds.org or www.scs.org.



Miscellaneous

Reserve unit openings

A local Army Reserve detachment doing weekend drills on Redstone Arsenal has openings for computer specialists. The unit seeks prior active duty Soldiers or transfers from other Reserve/National Guard units with a specialty of 25B information

Announcements

systems operators and 42A human resources specialists. For 25B, the unit will consider reclassification action to 25B if you can document with resume your Civilian Acquired Skills to include your education/experience in the following computer skills: data base management, programming, networking and telecommunications. Minimum of a secret clearance is required. And you must possess the personal qualifications to pass a SBI background investigation process to obtain a top secret clearance soon. Specialties 74C and 74F have merged into the 25B career group and convert to 25B as well. To schedule an interview, call Sgt. 1st Class Harold Cook 876-8710 or Chief

Warrant Officer Robert Smith 955-9722.

Civilian deployment

Civilian employees are needed to support Aviation and Missile Command missions overseas. Deployment opportunities exist in Southwest Asia in support of Operation Enduring Freedom and Operation Iraqi Freedom. Skill sets needed include acquisition, maintenance, supply, quality assurance, engineers, operations officers, logistics and automation, among others. Volunteers must be currently employed by AMCOM. Contractors cannot be considered to fill these positions. Civilians interested in deploying should notify their supervisor and call Eddie Allen 876-4106

or Carl Washington 876-2082. Contractors and other interested people can access www.cpol.army.mil for openings and opportunities for overseas employment.

Surplus sales

Marshall Space Flight Center's surplus property can be purchased through the General Services Administration sales web site. Go to www.gsaauctions.gov, search by State of Alabama; and there you will find items located at MSFC and other federal agencies in Alabama to bid on. For more information, call 544-4667.

Thrift shop

The Thrift Shop, building 3209 on Hercules Road, is open for shopping 9 a.m. to 5 p.m. Tuesdays and 9-4 Wednesdays and Thursdays. Walk-in consignment hours are Tuesdays, Wednesdays and Thursdays from 9-1. The Thrift Shop is accepting spring clothing and Easter items. On a trial basis, the shop will take early afternoon appointments. Donations are accepted and tax slips are available. For more information, call 881-6992.

Welfare requests

The Thrift Shop is accepting written requests for donations. It can only accept requests from charitable organizations that have a federal tax exemption number. Please include your federal tax exemption number, point of contact, telephone number, the amount requested and the specific use of this donation. The deadline for requests is Friday. Requests can be delivered or mailed to: Thrift Shop, Attn: Mary

McCarthy, welfare chairperson; building 3209, Hercules Road; Redstone Arsenal, AL 35898.

Computer classes

Self-paced computer classes are offered at Army Community Service to assist military spouses in learning or enhancing their computer skills. Classes are available in Microsoft Word, Excel, PowerPoint, Outlook, Access, Publisher and Windows XP. All classes are free and are offered Monday through Friday anytime between 8 a.m. and 3:30 p.m. Certificates will be given after successful completion. Call 876-5397 to pre-register.

Chapel services

Weekly services at Bicentennial Chapel, on Goss Road, include: Weekdays (except Friday) – noon Catholic Mass. Saturday – 5 p.m. Catholic Mass. Sunday — 9:30 a.m. Catholic Mass, 10:45 a.m. CCD, 9:30 a.m. Protestant Sunday School, 11 a.m. Protestant Worship Service. Many Bible studies are throughout the week. For information call 876-2409.

Volunteer opportunities

There are many benefits to volunteering. One is to make a difference, and at Army Community Service you can do that by giving your time to help Soldiers, family members and retirees. But you can also help yourself by gaining skills and teamwork experience, boosting your self-confidence in the workplace, and gathering