



HIGH MACH

Serving the World's Premier Flight Simulation Test Center



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Arnold AFB, Tenn.

July 9, 2012

Col. Raymond Toth takes command of AEDC

Center redesignated Arnold Engineering Development Complex in preceding ceremony

By Patrick Ary
Aerospace Testing Alliance

After several back-to-back ceremonies July 6, Arnold Air Force Base has a new commander.

Col. Raymond G. Toth took over command of the Arnold Engineering Development Complex from Air Force Test Center Commander Brig. Gen. Arnold Bunch Jr.

In the first of three ceremonies, Col. Michael Brewer, AEDC's previous commander, was promoted to the rank of brigadier general. Brewer then relinquished command of AEDC to Air Force Materiel Command Commander Gen. Janet Wolfenbarger.

The second ceremony redesignated Arnold Engineering Development Center as Arnold Engineering Development Complex. The redesignation is part of AFMC's plan to consolidate its number of centers from 12 to five in an effort to save about \$109 million annually.

The final event was the appointment of command ceremony where Bunch presented the complex's flag to Toth, who was previously commander of the 46th Test Group, Holloman AFB, N.M.



Air Force Test Center Commander Brig. Gen. Arnold Bunch Jr., left, presents the flag for the newly-redesignated Arnold Engineering Development Complex to Commander Col. Raymond G. Toth during a change of command ceremony July 6 at the University of Tennessee Space Institute. (Photo by Rick Goodfriend)

The 46th Test Group conducts avionics and weapon systems flight tests, inertial navigation and Global Positioning System tests, high-speed test track operations, radar cross section tests and landing gear tests necessary to keep joint weapon

systems ready for war. In addition, the 46th Test Group is the liaison for all Air Force test and training programs using the White Sands Missile Range, and serves to develop test techniques and procedures for directed energy weapons.

Toth graduated from Pennsylvania State University in 1988 with a Bachelor of Science degree in Aerospace Engineering. His flying experience includes operational

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AFMC transitioning to 5-center construct

WRIGHT-PATTERSON AIR FORCE BASE, Ohio – With three major milestones complete, Air Force Materiel Command officials are consolidating the number of centers as part of its command-wide transition to the 5-center construct.

Centers will be activated at Wright-Patterson AFB, Ohio, and Tinker AFB, Okla., in the coming weeks. At Edwards AFB, Calif., the Air Force Flight Test Center has been redesignated the Air Force Test Center to reflect an expanded mission to cover all test activities. At about the same time, AFMC will begin the process of consolidating the centers from 12 to five.

The 5-center construct was announced in November 2011 as a major part of AFMC's response to a Department of Defense challenge to find efficiencies and save tax dollars. By reducing and consolidating overhead, the command will improve the way it accomplishes its diverse mission and



will provide better support to the warfighter. This effort will save about \$109 million annually.

"We are transitioning the command in a way that will create opportunities for more efficient and responsive support to the warfighter while also saving the taxpayer money," said Gen. Janet Wolfenbarger, AFMC Commander.

AFMC moves forward with the 5-Center construct having met three critical

requirements. The Senate has confirmed AFMC's new general officers to lead the consolidated centers, two Congressionally-mandated reports have been delivered to Congress, and Headquarters Air Force has formally approved the transition.

At Wright-Patterson AFB, the Air Force Life Cycle Management Center will activate on July 9; however, the activation ceremony will take place July 20 in conjunction with Aeronautical Systems Center becoming part of AFLCMC and the retirement ceremony for Lt. Gen. Thomas Owen, commander of the ASC. Also on July 9, Air Force Security Assistance Center will become the Air Force Security Assistance and Cooperation Directorate. It will continue its foreign military sales mission as part of AFLCMC from its Wright-Patterson AFB location.

The Electronic Systems Center at

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ATA Safety Lottery program being evaluated

By Consetta Woosley
Aerospace Testing Alliance

Two months into the Safety Lottery Program, Aerospace Testing Alliance's (ATA) employees are being asked to provide feedback as to its success and effectiveness.

The program was an idea given to David Eldridge, OGM Transition Manager, by the safety office several months ago.

"We [ATA] are always looking for innovative ideas to promote safety awareness and accident prevention," Eldridge said. "After doing some research on this program, we decided to do a pilot to see how effective it would be at AEDC."

The program consists of specially designed ATA lottery type scratch-off cards. The cards can be given to any employee who demonstrates recognizable and positive safety awareness or promotes a strong

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New sexual assault victim advocates take over at AEDC

By Patrick Ary
Aerospace Testing Alliance

Two AEDC employees are stepping into new roles as the base's Sexual Assault Prevention and Response victim advocates.

Wind tunnel project manager Allie Falk and financial management specialist Lynn Armer recently completed training at Eglin Air Force Base, Fla., with the Sexual Assault Resource Coordinator there. Because AEDC is a smaller installation and has a smaller military and civilian population, cases are referred to Eglin's SARC.

Falk and Armer received victim advocate training, where they learned the rules and regulations of sexual assault cases in the Air Force. They also learned more about the types of emotional and moral support they would provide and the resources available to them through Eglin.

"During our training at Eglin we were taught symptoms of sexual assault, the trauma of it, the healing aspect, helping skills, self-care for the victim, substance abuse, the victim blaming themselves, etc.," Armer said. "I was very unaware of how often drug-facilitated rapes occur and what they use to render the person helpless. I hope being a VA, we can help the victim with the tools they need to recover from the assault and begin their healing process."

Both women say they volunteered for the program because it is an opportunity to help someone during a critical time of need. Falk, who also does work with suicide prevention outside of AEDC, said she has seen up close and personal what sexual assault victims go through.

"You see their emotional states and how, if they didn't get help 20

years ago when it happened and they're trying to get help now, it affects them later in life," Falk said. "And we just want to be there when it happens to them – to help them start that healing process as quickly as possible."

Falk and Armer will take over the VA duties at AEDC from Sue Sipe and 1st Lt. Charmeeeka Scroggins. Sipe said a large part of their role will be educating others about how to prevent incidents from happening in the first place.

"A lot of their role will be providing training for the base and maintaining an interpersonal network with local agencies," Sipe said. "They also will be AEDC's knowledge base for what's new in the movement, understanding, education and crime statistics. They should be able to provide the latest

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Allie Falk, seated, and Lynn Armer have taken over as AEDC's victim advocates for the Sexual Assault Prevention and Response program. As victim advocates, they will provide support to victims as well as provide training and education for AEDC's military and civilian population. (Photo by Jacqueline Cowan)

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HIGH MACH

Arnold Engineering Development Complex
An Air Force Materiel Command Test Center

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The complex's vision: AEDC as the test complex of choice, the workplace of choice for our people and a model of environmental excellence.

**Core Values**

- Integrity first
- Service before self
- Excellence in all we do

**Vision**

"ATA will be a trusted partner in delivering best value warfighter support and assert stewardship to AEDC"

Core Values

- Be accountable for our own actions
- Ensure the safety of individuals and equipment
- Demonstrate the highest integrity and ethical standards
- Communicate clearly and openly
- Deliver professional and technical excellence
- Nurture, enable and treat people fairly
- Align with customer goals and objectives
- Use disciplined and innovative processes
- Continually improve in all that we do

I am an American Airman: I will not fail!

By Staff Sgt. Torri Savarese
90th Missile Wing Public Affairs

F.E. WARREN AIR FORCE BASE, Wyo. (AFNS) – Early in my Air Force career, I overheard an NCO say, "The only tradition in the Air Force is constant change." I should clarify that he more grumbled it than said it. I remember thinking how odd of an expression that was, and how the disdain in his voice was unmistakable. I was still very "blue" of course, so I had not had any of the Air Force newness wear off yet.

It wasn't until about a year ago that I realized the newness had worn off. It was within my first few days of Airman Leadership School where it was explained to us that we were to learn the Airman's Creed as part of our curriculum. Before even realizing what I was doing, I found myself spouting the same words I heard from that NCO, years before. "The only tradition in the Air Force is constant change," I mumbled to my fellow classmates. Some of them laughed, some of them agreed, but I couldn't shake the numb feeling that crept over me.

We all learned to recite the creed, and most of us could say it on the spot. There was something missing, though; something that lacked conviction and true

feeling. I have heard many people grumble about the Airman's Creed, saying it is fabricated motivation and just one more thing the Air Force is doing to inconvenience its Airmen. People who feel overworked and underappreciated ridicule the Air Force's "attempt" to motivate its Airmen through something as ambiguous as a few stanzas jotted down on a page. I have to confess I was one of those people, until about a month ago.

June 1 was an exciting day for me. My brother-in-law, Jonathan Savarese, was graduating Basic Military Training at Lackland Air Force Base, Texas. It was the first time I had been back to Lackland since my own graduation almost six years ago. I wanted to make sure my uniform was perfect from head to toe, and that I was representing the NCO corps well. I knew the young Airmen graduating would look to me as an example of what the standard should be, and I knew I could not have one hair out of place.

The pass and review was spectacular; I had never seen anything like it before. Each Airman, so proud of their accomplishment, marched as straight and as perfect as it gets. I re-



New Airmen march along the bomb run on the parade field at Lackland Air Force Base, Texas, June 1, 2012. (U.S. Air Force photo/Staff Sgt. Torri Savarese)

membered how proud I was when I marched that same bomb run, and my eyes started to water. I held back emotion when every Airman pledged their Oath of Enlistment; their solemn promise to protect and defend the Constitution of the United States. I was filled with pride to have these new Airmen as my brothers and sisters, knowing we all came from the very same place, and marched on the very same field.

The ceremony culminated with the reciting of the Airman's Creed, which is something every new Airman is taught from their first day of BMT. I was worried the creed would come out as I have heard

it so many other times - mumbled, morose and monotone. I was shocked when I heard the conviction of all the Airmen speaking in one voice, "I am an American Airman..." I wanted to join in with them halfway through their oration, and wasn't surprised to see many other Airmen in the audience already had. The final line of the creed was not spoken; no, it was shouted in a unified voice that made the chills run up and down my spine - "AND I WILL NOT FAIL!"

I know that every Airman who comes into my keeping is still very "blue" like we all once were, and I know how important it is

to grow that Airman into an exceptional NCO, despite my own prejudices. I ask all of my fellow NCOs to take a minute and reflect on your march down the bomb run. I ask each of you look at your "blue" Airmen and not snuff out the pride and excitement they have. Instead of trying to morph them into shells of their basic-trainee selves, mocking their motivation as something to be embarrassed about, can we cultivate the professionalism, pride and determination they come to us with? Can we let them remind us what it means to be an American Airman? This openness to change will ensure that we all will not fail.

Staying aware is the best way to avoid mishaps

By Lt. Col. Michael Onines
386th Expeditionary Support Squadron

SOUTHWEST ASIA (AFNS) – When I was first assigned a position to lead people in the Air Force, I was expected to be, among other things, a safety cheerleader, encouraging my team to avoid mishaps and work safely. This was a bit new to me and I found most safety lectures I sat through in the past to be dull and boring, so at some point I adopted a safety motto to help break the ice and introduce topics of discussion. It wasn't as good as Calvin's "Be careful, or be roadkill" with patented 3-D gore-orama, but whenever I told the team "don't do stupid stuff" it garnered a chuckle

and we could segue into the topic-du-jour, such as DUI, which I would then classify as doing stupid stuff.

For almost every topic I briefed, be it speeding, riding without a helmet or any of a myriad of things you read in safety reports I could classify it as doing stupid stuff and warn the team to avoid doing something that stupid. Essentially, my motto described a safety philosophy where if you didn't go looking to get hurt by disobeying and ignoring the rules, you would be just fine.

My perspective on safety changed dramatically a few weeks after I

returned from a humanitarian mission to Honduras. During my time there we worked hard to build the foundations of a masonry schoolhouse for a small village. Each day we watched traffic mayhem as donkey carts, tractor-trailers and a variety of run-down cars jockeyed for position on the highway crossing between our camp and our construction project. For the most part watching the traffic game was amusing, and we managed to avoid any close encounters.

I rotated back to home-station and two weeks later a close friend from the squadron left to lead her phase of the construction project. One week after

her departure I sat beside her husband while the benefits officer explained what payments he and his children could expect in the future after Captain Palmer was killed on the roads of Honduras. She died in a head-on collision as a tractor-trailer in the oncoming direction crossed a double-yellow line to pass on a blind curve. After this, safety briefings became more somber, and my catch phrase wasn't used any more.

It took a year or so before I began briefings with a new motto: "They really are out to get you!" Inanimate objects like barriers, bollards and parked vehicles are hunting your

fenders and bumpers. The driving conditions out on the roads here are every bit as bad as those in Honduras, or the freeways of southern Italy.

Distracted and aggressive drivers on the roads aren't watching out for anyone else. If you want to be safe you have to treat everyone on the road as a wreck waiting to happen to you. Obviously there aren't any guarantees, and serious accidents can still happen despite our best efforts, but staying aware of what is going on around you and anticipating what could happen are the best we can do to be safe. Good luck out there, and remember, "they really are out to get you!"

Putting off personal health can lead to regret

By Senior Airman Marcy Glass
460th Space Wing Public Affairs

BUCKLEY AIR FORCE BASE, Colo. (AFNS) – Balancing one's military career, education and family can be very overwhelming.

We forget that we cannot be successful in any of these missions if we, ourselves, are not 100 percent. Too often within our work centers we see co-workers casually dismissing something that can be explained simply as a cough or, "it's just a sore muscle, I'm fine."

I, being guilty of the same behavior, dismissed a pea-sized lump near

my left armpit for seven months. While working, studying for promotion, preparing for the base's operational readiness and unit compliance inspections, among other events occurring in my life, I kept it at the back of my mind.

During the course of several months, increasing sharp pains became persistent and still I found myself dismissing it, thinking I may have over done it working out, or maybe I slept the wrong way. Really, I was just convincing myself nothing was wrong so I wouldn't have to visit

the clinic. I'm the type to suck it up and not run to doctor for every bump or bruise.

"I have too many things I need to get done today, if it still hurts next week I'll go to the clinic," I kept telling myself. Then my yearly physical came around. I figured I would bring it up, but most likely it would be nothing. I was wrong.

A few days later I found myself at the Woman's Breast Cancer Center receiving an ultrasound and at age 30, my first mammogram. I sat in the examination room, nervously waiting for the results of the mammogram. The ul-

trasound results produced a nontechnical "We don't know what that is," diag-

nosis. My doctor entered

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Action Line

Team AEDC

I believe in free and open communications with our Team AEDC employees, and that's why we have the Action Line available. People can use the Action Line to clear up rumors, ask questions, suggest ideas on improvements, enter complaints or get other issues off their chests. They can access the Action Line in one of three ways: via the AEDC intranet home page, Action Line boxes at the base cafeterias and by calling 454-6000.

Although the Action Line is always available, the best and fastest way to get things resolved is by using your chain of command or by contacting the organization directly involved. I encourage everyone to go that route first, then if the situation isn't made right, give us a chance.

Col. Raymond Toth
AEDC Commander

Smoking Policy

1. The following revised AEDC smoking policy is effective immediately. Smoking is permitted solely in designated areas identified by a plastic "smoke genie." This receptacle is for the sole purpose of cigarette butt disposal. If there is no receptacle, you cannot smoke in that area. It is the responsibility of all smokers to clean up the area surrounding the receptacles for any cigarette butts on the ground. Smoking in government-owned vehicles is strictly prohibited. Personnel are allowed to smoke in their personal vehicles at any time. In case of inclement or cold weather, employees are encouraged to use their personal vehicles if a sheltered designated smoking area is not available nearby. Smoking areas will be held to the absolute minimum and will be located in low traffic, low visibility areas away from points of building ingress/egress and air intakes. A map of all authorized smoking areas is available on the AEDC web portal at [https://lpapro.arnold.af.mil/PORTALLimages/Smoking area map.pdf](https://lpapro.arnold.af.mil/PORTALLimages/Smoking%20area%20map.pdf). Smoking near a facility in an area not designated on the map is prohibited and any smoking receptacles located in areas not shown on the map will be removed. All "smoking permitted" and "no smoking" signs will be removed unless specifically required by OSHA.

The fact a person smokes has no bearing on the number of breaks they may take. Breaks should be taken in accordance with the company/agency personnel policies that apply to all employees.

Regarding use of smokeless tobacco, containers of tobacco waste product, including sealed containers, must not be left unattended or disposed of in trash receptacles. Users of smokeless tobacco must flush tobacco waste down the toilet. Smokeless is strictly prohibited in conference room meetings and other areas, e.g. PMEL, where Air Force regulations specifically prohibit.

Due to the nature, appearance, and safety concerns of electronic cigarettes (also known as "e-cigs"), they are considered to be in the same category of tobacco products whose use is governed by Air Force Instruction (AFI) 40-102, Tobacco Use in the Air Force. Therefore, all rules stated above for tobacco products apply to electronic cigarettes.

2. Supervisors at every level will ensure this policy is followed. Disciplinary action is appropriate for repeated violations.
3. Updates to this policy will be made in the future to further align with Air Force guidelines.
4. This letter supersedes previous letter dated 28 October 2006, subject as above.

AEDC's Sheila Trent remembered as valued coworker, friend

By Patrick Ary
Aerospace Testing Alliance

Lynn Armer spent almost 20 years working at AEDC with Sheila Trent, but they became more than coworkers.

Their work friendship grew from sharing different foods in the office that they made at home to going out together to pick out family dogs. Armer's sons helped out at the Trent family's farm, baling and putting up hay for horses. They attended horse shows together.

Armer, like many others at AEDC, knows Trent won't be easy to replace.

"She was a hard worker," Armer said. "We had fun, but she got work done. Her work came first, and she always did a great job. She got it done right the first time."

Trent, a Manchester resident who worked as an administrative assistant in AEDC's Test Systems Division, passed away June 19 at Centennial Medical Center in Nashville. She was 62 years old.

The people who worked with Trent in different locations at the center over the years all echoed the same sentiments about her shining attitude and dedication to getting the job done.

AEDC Energy Manager Bob Cerny, who was friends with Trent for 12 years, said she was a pleasant person who could boost emotions and morale. Even after he moved out of the office, he would stop by to talk with her.

Despite her pleasant demeanor, when it came to work Trent had a reputation for being all-business and letting people know how she felt in a straight but

professional manner.

"She wasn't afraid to voice her opinion – even to the upper management – of what needed to be done," Cerny said. "And professionally, she didn't want us to miss any suspenses and was on top of what was required to do the job."

Ron Polce is one of those people Trent kept on top of the mission. Polce, the head of the Test Systems Division until retiring last September, worked directly with Trent as his administrative assistant for six years. He said her attitude of cutting through everything else and getting the job done was something he needed.

"We engineers and scientists, we think we know what we're doing," Polce said. "But the real

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Sheila Trent, an administrative assistant in AEDC's Test Systems Division, passed away June 19 at Centennial Medical Center in Nashville. She was 62 years old. (Photo provided)

Jacobs CEO visits AEDC



Craig Martin, president, chief executive officer and director of Jacobs Engineering, takes a question from an Aerospace Testing Alliance (ATA) employee during a visit to Arnold Engineering Development Center (AEDC) June 19. Martin spoke with employees about the future of Jacobs Engineering and answered questions from the audience. ATA, the operating contractor at AEDC, is a joint venture of Jacobs, Computer Sciences Corp. and General Physics. (Photo by Rick Goodfriend)

New tool here for acquisition workforce

WRIGHT-PATTERSON AIR FORCE BASE, Ohio – The Air Force has implemented a new automated tool for the acquisition workforce to request Acquisition Professional Development Program (APDP) certification called "ACQ Now for Certification."

It has a similar look and feel to ACQ Now DAU and ACQ Now CL and is accessible using CAC login at <https://www.atrrs.army.mil/channels/acqnowcert/student/logon.aspx>.

Once the member applies for their APDP certification, the tool links to the data in the official personnel systems. If the education, training and experience requirements for certification have been met and are in the personnel system, a certification is approved and sent to the supervisor of record.

The certification is automatically updated in the personnel system. If education, training and experience is missing from your official personnel record, contact your personnel office or base APDP manager for assistance. APDP managers are identified on the AFMC APDP CoP at: <https://afkm.wpafb.af.mil/community/views/home.aspx?Filter=MC-ED-01-63>.

You can access your Acquisition Career Management System (ACMS) career brief by going to the AFPC secure site at <https://w20.afpc.randolph.af.mil/afpc-securenet20/CheckPortal.aspx>.

OSD Acquisition, Technology and Logistics (AT&L) implemented the Defense Acquisition Workforce Improvement Act in 1990 by establishing a certification program to ensure acquisition personnel meet the minimum mandatory education, training and experience requirements.

The DAU catalog defines the uniform DOD certification requirements for each AT&L career category. All personnel assigned to an acquisition-coded position must be certified in their specified career category and level within 24 months of assignment unless extended by AT&L.

For more information, contact Nancy Parks at (937) 656-3230, DSN 986-3230 or at Nancy.Parks@wpafb.af.mil.

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information if someone is inquiring."

Falk and Armer will have a list of contacts at area hospitals and shelters, as well as sexual assault counselors they can refer victims to. As they settle into their new roles they plan to meet with those professionals. They also want to explore what prevention training and programs they can offer in an attempt to stop incidents before they can occur.

Anyone needing assistance from a sexual assault victim advocate can call the Arnold Sexual Assault Hotline at (931) 581-7494. The hotline is available 24 hours a day, seven days a week. Calls are confidential.

AEDC Vice Commander Col. Eugene Mittuch retires

Says AEDC is an 'enduring institution that's going to be here a long time'

By Philip Lorenz III
Aerospace Testing Alliance

Former AEDC Vice Commander Col. Eugene Mittuch, who retired June 22, said his tenure at AEDC, although brief, along with a recent tour of duty in Afghanistan, was the ideal ending to a satisfying and meaningful career.

Despite ongoing and future economic uncertainties, Mittuch said one thing is clear.

"AEDC is an enduring national institution that's going to be here a long time," he said. "Certainly, I think you'll see ebbs and flows in the work load, as the defense budgets sort themselves out.

"But certainly, for the next 20 to 30 years, you're still going to have manned aircraft flying. So, we're going to continue to do all the things we've done since the place was built in the 1950s, [including] wind tunnel work, stores separation, individualized, specialized tests in the wind tunnels, engines being tested – AEDC's basic functions are not going to change."

He said there will also be more emphasis on ground testing of emerging and future aerospace technologies at AEDC, both at Arnold's hypersonic facilities in middle Tennessee and at AEDC's Hypervelocity Tunnel 9 in Silver Spring, Md.

Prior to reporting for duty



AEDC Vice Commander Col. Eugene Mittuch, who retired from the Air Force June 22, was impressed with AEDC when he first arrived and is confident it will serve the nation well long into the future. (Photo by Jacqueline Cowan)

at AEDC, Mittuch was the Logistics Group Commander and United States Senior National Representative, E-3A Component, NATO Airborne Early Warning and Control Force at Geilenkirchen NATO Air Base, Germany.

Mittuch reported to AEDC in July 2009 and left in February 2011 to report to the NATO Training Mission-Afghanistan (NTM-A), where he was an advisor to the Afghan National Police Directorate of Logistics.

"NTM-A is responsible for developing the Afghan National Security Forces," he said. "NTM-A is divided into an army development team and a police development team. I was on the police development team.

"There were about 18 colonels/GS-15s of all different

specialties (police operations, logistics, finance, medical, etc.) and all the functional areas had a colonel in charge of the developmental team. I was in charge of the logistics developmental team. It was a great way to get re-connected with the mission."

Reflecting on his professional life, Mittuch acknowledged that a career in the Air Force was not on his horizon when he decided to aim for a commission upon graduation from college.

"Like most of us, I intended to do four or five years and then move on to something else, but I enjoyed it so much that it just became my life," Mittuch said.

Before coming to AEDC, Mittuch had assumed his next command would be at a depot-level Air Force base, due to his maintenance background.

"Then I got the call from the colonel's group and they said 'You're going to go be the vice commander at AEDC, Arnold Air Force Base, Tenn.' I said, 'What – I've never heard of it. Where the heck is Arnold Air Force Base, Tenn.?'"

He did an internet search, quickly found AEDC's website and read about the wind tunnels and the variety of test cells, space chambers, arc heater facilities, ballistic ranges and other ground testing assets at Arnold.

After he saw the place firsthand and fully understood AEDC's mission, Mittuch said one word came to mind.

"Wow, basically," he recalled. "I just had no idea [what to expect], just the massive infrastruc-

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commitment to accident prevention through individual action. The recipient scratches off the designated window to reveal the category of prize won.

One distinct advantage of this program is that the card can be given to the employee "on the spot."

"We already have other safety awards and incentive programs; however, these programs involve a time delay in getting the reward to the employee due to the approval process," Eldridge said. "One reason we wanted to incorporate this program was because the card can be given to the employee instantly when safety diligence is observed."

There are four categories of the scratch-off card prizes: bronze, silver, gold and "gift card" with the gift card being the highest. The cards can be taken to one of four locations to redeem a prize which may range from coffee mugs and LED flashlights to insulated lunch totes and \$20 meal cards.

Clarence Rogers, an outside machinist in the Integrated Test and Evaluation Department who won a meal card for assisting in the safe removal of a rocket motor from the J-6 test cell, said of the program, "It is very good to receive something tangible from your supervisor that expresses the importance of doing your job safely. It's also good for the supervisor to have a tool like the cards to show appreciation in regards to safety."

While the program seems to have positive feedback thus far, Eldridge noted it will be evaluated before going beyond the pilot stage.

"Before we go beyond the pilot stage with this program we will evaluate its success," he said. "We will be asking supervisory personnel for their evaluation of the program. We also would welcome suggestions from employees for improvements to the program or recommendations of different safety incentive programs we

could utilize."

Some supervisors such as Ralph Bailey, craft supervisor in the Integrated Test and Evaluation Department, believe the program is indeed a good safety incentive.

"I have given out eight scratch-off cards to those who really put extra effort in performing their jobs safely," Bailey said. "It's nice to be able to hand someone a card and say, 'This is for going above and beyond where safety is concerned.' I think they do appreciate the recognition ... even if it's something small."

The pilot program began in April with approximately 600 cards (of the 2,000 cards ordered) being distributed to the directors based on the population of their departments. Periodic follow-on distributions will be made over the next few months until the initial 2,000 cards have been distributed to employees and prizes claimed.

The program may continue as-is, undergo



Jim Bramblett, craft supervisor in the Integrated Test and Evaluation Department, presents Clarence Rogers, outside machinist in the Integrated Test and Evaluation Department, a safety scratch-off card for safety diligence Rogers demonstrated during the removal of a rocket motor from the J-6 test cell. (Photo by Consetta Woosley)

changes or be replaced by a different safety incentive program, but Eldridge is hopeful the intent of any program that evolves from this pilot program is well-received.

"This program may

have room for improvements," Eldridge said, "but we hope people understand the intent ... always keep your personal safety, and the safety of your co-workers, on your mind as you perform your day-to-day

work activities."

Any suggestions to the safety scratch-off card program or recommendations for other safety incentive programs can be sent via email to David Eldridge or Laurie Winton.

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backbone is the administrative core, and Sheila was absolutely one of the best. Otherwise, we're running in circles."

Trent, who never missed work, was known for her attitude of getting the job done but having fun while doing it. She knew how to greet and help the people who stepped into her office. And she not only made sure everyone working with her focused on completing their tasks; Polce said Trent made sure new employees – whether they were a member of the military or a new engineer – learned the ropes quickly and got up to speed soon after they came in.

She did all of this without ever wanting to accept any of the credit for a job well done.

"She just did not want any part of that," Polce said. "She was so humble and gracious and never wanted any part of the limelight."

On a personal level, Trent's work area was full of pictures of her children and grandchildren – or as she referred to them, her "babies." She talked about her family and pets all the time, according to Polce.

And she didn't stop bringing in food when she and Armer went to work in different divisions.

"She was famous for her fruit bowl cake," Polce said. "It was coveted by all. She did that quite regularly, along with casseroles and brownies. She was at the front of the line when it came to bringing in treats like that."

And she was quick to volunteer in planning for office events, determined to make them all – including Polce's retirement – a memorable occasion.

"She was the behind the scenes person for all of our events," he said. "She was quick to step in and say 'I'll do that,' and then making the arrangements and making it special."

Terry Tucker, a management analyst in AEDC's manpower office, first met Trent in 1989. They worked in the technology division at the time and remained friends after moving to other offices. Tucker said whenever she would go on vacation or a work-related trip, she brought back a magnet for Trent.

"She thought that was the

coolest thing," Tucker said.

Tucker said she will remember those moments together as well as her admirable attention to detail on the job and ability to keep people on track and focused on their work.

"I think it's a big impact," Tucker said of the loss. "This happening, it shocked all of us, and I think there's going to be a huge hole. No one can fill her shoes. She will be greatly missed."

Polce said it will be hard to fill the void left by Sheila Trent – both at AEDC and in the community.

"Sheila was an organizer and team builder, an overall people person and a friend to all," Polce said. "She just knew how to get things done."

Trent is survived by her husband, Jack Trent of Manchester, son, Jason Trent of Franklin, Tenn., two daughters, Jennifer Hicks of Suwanee, Ga., Jessica Daley of Boise, Id., and 11 grandchildren.

The family requests that donations be made to the Coffee County Humane Society, P.O. Box 252, Manchester, Tenn., 37349.

AFMC from page 1

Hanscom AFB, Mass., will become part of AFLCMC on July 16 and will continue its critical mission at Hanscom AFB as it does today. The dual mission of test and air armament development at the Air Armament Center at Eglin AFB, Fla., will become part of the Air Force Test Center at Edwards AFB and AFLCMC, respectively. The air armament development portion of AAC will become part of AFLCMC July 18.

AFLCMC will be led by Lt. Gen. C.D. Moore II, presently the AFMC vice commander.

On July 10, the Air Force Sustainment Center will be activated at Tinker AFB and will be led by Lt. Gen. Bruce Litchfield. It will consolidate oversight of the command's sustainment mission now carried out by air logistics centers at Tinker AFB, Robins AFB, Ga., and Hill AFB, Utah, along with the Air Force Global Logistics Support Center at Scott AFB, Ill.

The logistics centers will be redesignated as air logistics complexes.

The center at Tinker AFB will be redesignated July 10.

AFGLSC at Scott AFB will see its mission transition to AFSC July 11.

The Hill AFB center will transition to a complex on July 12, while Robins AFB's center will transition to a complex July 17.

At Edwards AFB, the redesignated Air Force Test Center began operations July 6, however a formal ceremony to mark the transition will be held July 13.

Also on July 13, the 95th Air Base Wing at Edwards AFB will transition with its people and mission moving to the 412th Test Wing.

The test center will be led by Brig. Gen. Arnold Bunch Jr. The center will oversee the command's test mission maintained at Edwards AFB, Eglin AFB and Arnold AFB, Tenn.

On July 18 at Eglin AFB, the 96th ABW will be redesignated the 96th TW. The people and mission of the current 46th TW will transition to the newly designated 96th TW.

Both the Eglin and Edwards AFBs' test wings will then align to the AFTC.

On July 6, the Arnold Engineering and Development Center at Arnold AFB, Tenn., was redesignated as a complex and aligned with the test center at Edwards AFB.

The life cycle management, sustainment and test centers will be joined by the present Air Force Research Laboratory at Wright-Patterson AFB and the Air Force Nuclear Weapons Center at Kirtland AFB, N.M., to complete the five-center line-up.

When complete, the actions delineated above will lead up to initial operational capability Oct. 1, and full operational capability by mid-2013.

Gen. Wolfenbarger took command of AFMC June 5, replacing Gen. Donald Hoffman.

Lt. Gen. Moore will be replaced as vice commander by Lt. Gen. Andrew Busch, presently the commander of the Ogden Air Logistics Center at Hill AFB.

TOTH from page 1

as an instructor tour in the AT-38B. Toth's experience also includes developmental test assignments in all blocks of the F-16, and he helped close the Engineering and Manufacturing Development phase of F-22A testing as the F-22 Combined Test Force Commander.

Toth held headquarters-level staff assignments as the Deputy Chief of the Weapon Systems Division for the Air Force Legislative Liaison Office at the Pentagon and as Deputy Division Chief for the Chief of Staff of the Air Force Strategic Studies Group.

Toth is a command pilot with more than 2,500 flying hours in more than 30 different aircraft, with combat time in both the F-15E and F-16.

Brewer, who will soon take command of the 412th Test Wing at Edwards AFB, Calif., took command of AEDC Aug. 2, 2011, from Col. Michael Panarisi. The U.S. Senate confirmed the brigadier general appointment for Brewer in December.

MITTUCH from page 3

ture. I just had no idea of the scope of how big this place was, until I drove through and around it the first time.”

He has also been impressed by the people he met and worked with during his time at AEDC.

“The variety of people on the craft [side] and the professional management staff, as well as engineers and scientists, it’s a much broader spectrum of qualifications and personnel from what I’m used to,” he said.

Mittuch said everything at AEDC is on a grand scale and that he has been impressed by the sheer magnitude and

scope of work being accomplished at AEDC. He has been equally impressed by the variety and caliber of skilled professionals at Arnold.

Mittuch is still on the fence about his “second” career after leaving the Air Force. He hopes his next career will allow for a certain amount of mobility and travel, something he has grown accustomed to and wants to continue to do.

For the time being, he plans to stay in the Tullahoma area.

Mittuch said, “My wife Stephanie is teaching at West Middle School. She likes the kids, the school, the people she works with

and she likes teaching.

“I’ve moved her around for 20-plus years, so it’s time to settle down and let her fulfill some of her dreams.”

Mittuch has two children, Christopher, a junior at the United States Military Academy at West Point, and Daniel, who recently graduated from Tullahoma High School and will attend Belmont University in Nashville on an Air Force ROTC scholarship.

Mittuch has held a variety of positions in aircraft maintenance in multiple commands at squadron, wing and headquarters levels.



In April 2011, Maj. Gen. Abudzai, the Afghan National Police Director of Logistics, took Col. Eugene Mittuch to a construction site for a logistics center in Jalalabad, Afghanistan during a six-month deployment there. Mittuch said he spent six days a week with him and traveled all over the country. (Photo provided)

AEDC instrumentation technician Randall Moon enjoys staying busy at work and home

By Philip Lorenz III
Aerospace Testing Alliance

Randall Moon discovered early on that he had a gift for working with electronics.

"I started when I was 10 years old [when] I built a super heterodyne vacuum tube [amplifier]," said Moon, an ATA instrument technician in AEDC's Aerothermodynamic Measurement Laboratory (ATML).

Moon's older brother, who was an instrument technician for the Navy, had brought home the plans for the tube amplifier in a technical trade publication.

"I didn't have a reason for building it," said Moon, who acknowledged he just built it for fun.

Their father, who was an auto upholsterer and their mother, who owned a furniture upholstery business, made sure their youngest son knew the upholstery business. Moon said his curiosity, math skills, passion for tinkering with electronics and his parents' mentorship set the stage for his life.

"My dad said to me 'You will never go hungry if you have a trade,'" recalls Moon, who grew up in Ventura, Calif.

When most children are learning to read, Moon also discovered he has dyslexia, a learning disorder characterized by difficulty reading. At the time, he said dyslexia wasn't well understood, and doctors had a hard time classifying his disorder. He was illiterate, even throughout high school.

When he was around 11 years old, Moon became acquainted with a retired college professor who owned a TV repair shop with another man.

"They would give me the sets that they deemed un-repairable," Moon recalled. "Sure enough I fixed one."

After Moon showed them the TV he had repaired, the retired professor began to teach the young man about electronics. This instruction continued for the next 10 years.

"He started giving me all of this material and going over it with me," Moon said. "He was giving me his class."

Moon's dyslexia presented obstacles, but he was determined to overcome or work around them to graduate from high school.

"There was a special education teacher, Mr. Buffet, and I had him for the whole three years," Moon said. "He could teach you Roman history without [you] having to know how to read. He would teach every subject, he would take me through every subject without the necessary textbook.

"Just because you have one block in your life, you still are interested what the Spaniards did, or what the [Spanish] Inquisition [was] or the conquest of South America, you would still like to know that. But you don't have to know how to read to know that. "Math was easy."

Moon said shortly after graduating from high school, he found a job soldering satellite components.

Before long he finally decided to overcome his illiteracy.

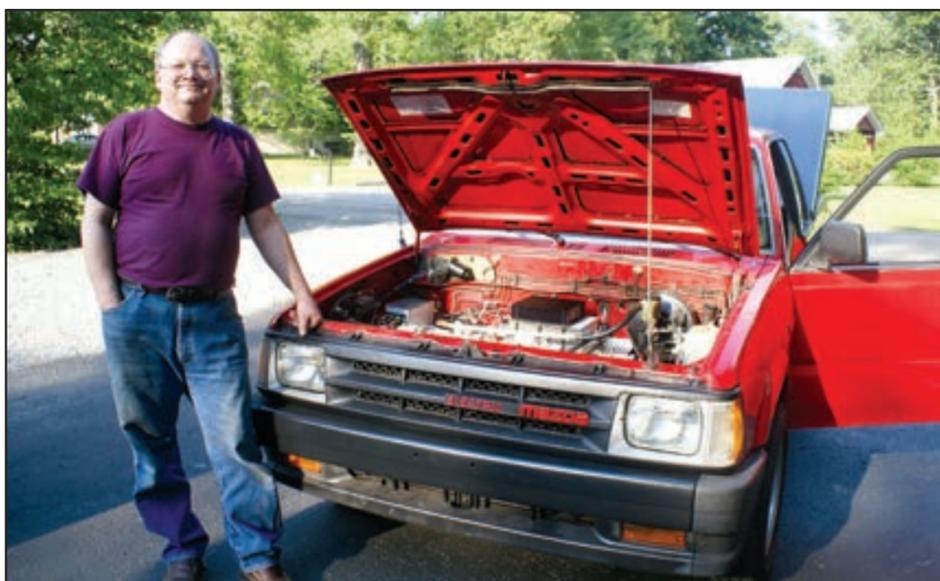
"I taught myself how to read when I was 20 because the school system failed me," he said. "There was a TV program and this professor was describing dyslexics. He said that if you put different colored filters in front of your eyes, he said, it's the white versus black and it's using both eyes and he said there are workarounds.

"I started experimenting with colors of sheets of Mylar and I was also experimenting with ambient light when I got down to a gray page, so that the contrast ratio wasn't so intense.

"Then I blocked one eye completely. I allowed one hemisphere [of my brain] to recognize words and it would tell the other hemisphere each word. The other hemisphere would group paragraphs and sentences. I did that with the book '1984' and it was the year 1984 and by the time I finished that book, I had it, I was done."

People who know Moon are impressed with his technical problem-solving abilities.

Don Gardner, Aerospace Testing Alliance's instrumentation and diagnostics section manager of the Technology and Analysis Branch, said, "Randall Moon is someone



Randall Moon, an ATA instrument technician in AEDC's Aerothermodynamic Measurement Laboratory, poses by the electric-powered truck he built from the frame up in his spare time. Even the reinforced leaf springs and 65-psi tires are unique; these modifications were needed because the truck weighs more than two tons due to rows of lead acid batteries in the truck's bed. (Photo by Philip Lorenz III)

people at work call to fix equipment, the challenging jobs. That's the kind of thing Randall does, he can dig right into things that are seemingly very complicated and get to the bottom of it.

"He repaired some electronics and software on a wire EDM machine at the Model Shop. He basically got us back in business and saved a bunch of money."

A wire EDM (electrical discharge machine) is used for cutting thick metal plates for maintenance or testing facilities at AEDC.

Moon, who started working at AEDC's Hypervelocity Ballistic G-Range facility in 2005, moved to the Space and Missiles rocket test facilities at their request before working in the ATML or "heat" lab.

"Randall is a one in a million guy... an asset to any company involved in electronics," said Andy Nelius, an ATA senior electrical engineer who first met Moon when they both worked at Cubic in Tullahoma.

"We collaborated on field work which is when you really get to know somebody well," Nelius said. "Randall, or Randy as I call him, has the uncanny talent you only find in people who truly are engrossed in the electronics field.

"He also has taught himself the additional skills of machining essential parts for mounting electronics such as tiny mounting fixtures."

Nelius said Moon's personality makes working with his friend a pleasure.

"Randall is always cheerful,

does not show any frustration with work obstacles and has such broad technical interests that he always has something to talk about," Nelius said. "He is a walking electronics encyclopedia and is always willing to share his knowledge with anybody who is interested, no matter how esoteric the subject."

Moon's job with Cubic took him overseas, including to China more than once, which is where he met Wenchun Hao, his future wife. For him, it was love at first sight, literally.

"She was in the next room and she wouldn't come out because she knew I was an American," Moon said. "Her attitude was 'I can't speak English.'

"The other girl said, 'Oh this idiot is talking us up in Chinese.' I had already learned Chinese before I met her and she said, you've got a foreigner out there chatting you up in Chinese, so, she said, okay I'll come out and see what's going on. I just had to see her eyes, that's all I had to see and I said, that was a very funny feeling to say, well, that's my wife coming in this room. We've been married now for 12 years."

Moon is just as busy on electronics-oriented projects at home as he is at work.

He recently completed building a fully-electric powered truck and is already aiming his sights on designing and assembling a natural gas-powered vehicle.

Moon enjoys the challenge of creating, repairing or finding new uses for components.

"I don't care why a manufacturer made something," he said. "I don't care, I have it and it's useful in something else. It doesn't bother me, why they were making them and why they were selling them. That was their idea and I'm glad that they exist now and I can use it in any other product, [for] any other reason."

Regarding the different projects he has tackled for the Model Shop or G-Range or in his own lab, his attitude toward them all is the same.

"To me troubleshooting is a game, it's a puzzle," he said. "If you're going to pay me to play, I'm going to come [and] play. The end result is the thing works."

Moon's passion for electronics and finding solutions to technical problems is something he enjoys both at work and in his personal workshop at home.

"I get a concept and then I just sleep on it and I allow the concept to become its own," he said. "I don't force it into a build – like which compressor, or which car to convert or which conversion kit [to use], there's hundreds if not thousands of options, there's too much."

He continued, "It's better to let it come to me. When I was a little boy, my mom had said, 'Nature abhors a vacuum,' so I would clear off of a piece of shelving and put a label on there as to what I wanted. Whatever it is I wanted I would get in that fashion, because I created a vacuum and only one item can fill that vacuum, it has to be the right thing and then I get it."

AEDC's Graham Brandon excited about Air Force future

By Philip Lorenz III
Aerospace Testing Alliance

When Graham Brandon came to work at AEDC's base services two years ago, he already knew that joining the Air Force might be a path he wanted to take.

"About eight months ago, I started talking to Erik Wineland," recalled the 22-year-old Manchester native. "I was asking about his experiences in the Air Force. I've always been interested ever since I was a little kid."

Wineland, AEDC's mission support logistics manager, is a retired Air Force chief master sergeant whose "first" career spanned 23 years.

"Graham is a conscientious, free-spirited young person searching for an opportunity to contribute to the world around him in a way that brings success and security now and into the future," Wineland said. "Graham's main questions revolved around jobs and the process surrounding getting into a specialty that was right for him.

"Since the pros and cons of the Air Force are different for everybody, we took a little time to get to know each other first. I was immediately impressed at his commitment to his cause when he drove the 67 miles to my house just so we could sit and formulate a way forward."

Brandon was home schooled, which he said was a good experience.

"I love history, biology," he said. "Math wasn't my favorite. English was alright, but history



From left, Erik Wineland, AEDC's mission support logistics manager and a retired Air Force chief master sergeant, discusses career options and provides other advice to Graham Brandon, with AEDC's base services, during a break in the young man's shift at Café 100 in the A&E Building. (Photo by Jacqueline Cowan)

was by far my favorite [subject]."

Learning about conflicts, from the Revolutionary War to the ongoing war in Afghanistan, always held his attention. Joining the military was always on his horizon.

"It's always been something that I've wanted to do," Brandon said. "I made the decision about six months ago to join. I've been working really hard at getting some things cleared up. I had to do some extra schooling so I could get a higher rank going in. I scored real high on the ASVAB (Armed Services Vocational Aptitude Battery). I signed up for six years as an Air Traffic Control unit officer – I'm excited."

The ASVAB is a multiple-aptitude battery that measures developed abilities and helps predict future academic and occupational success in the military. It is administered annually to more than one million military applicants, high school and post-secondary students.

Brandon, who originally worked at AEDC's golf course, is currently working at Café 100 in the Administration and Engineering Building, which brings him into contact with a lot of people.

"I really enjoy the people – the interactions I have," he said. "I get along with everyone that I've encountered."

Patrick Jackson, AEDC's deputy chief of services, quickly took note of Brandon's work

ethic and social skills.

"After meeting Graham I was very impressed," he said. "He's one of those employees who does what he's suppose to do. You don't have to watch over his shoulder. When I heard that he was going to enlist in the Air Force, I knew it was the right move. His drive and love for life will benefit both himself and this great country."

Wineland recalls the times he met with Brandon to discuss the young man's future.

"We talked about the things he has accomplished in his life up to this point and made the distinction between those achievements that 'had to be done' and those that 'he enjoyed getting done,'" Wineland said. "We then drew a

comparison between where I was in my life at his age and where I am now. This was important because just because the path I chose was right for me, it does not mean that it is right for him. On that day, we agreed that we would be creating a path rather than completing a checklist."

Brandon also sought out the advice of Capt. Alex Henning, a test technology project manager for AEDC's Test Technology Branch.

"Graham is friendly, competitive and looking for a challenge," Henning said. "He inquired about basic training, and I told him he will have no problems with it due to his attitude and athleticism. I gave him the standard advice – you will get yelled at regardless of what you do, so don't let it bother you."

Henning was impressed with Brandon's choice of a specialty in the Air Force.

"Beyond basic training, Graham will be training to be an air traffic controller (ATC), which is a great career field," Henning said. "The ATC profession is an incredibly competitive, challenging job. Being a veteran and an ATC gives you a hiring preference if you want to continue in the field after military service. He also mentioned the possibility of special operations. The air traffic control school is a stop on the combat controller pipeline, so that could also give him a leg up.

"Either way, Graham has made a solid plan – he's the kind of person we need controlling airspace."

Milestones



David Beale
35 years

35 YEARS

Stuart Coulter, ATA
David Lanham, ATA

30 YEARS

James Burns, AF
Michael Price, ATA
Michael Warren, ATA
Raymond Reed, ATA
Michael Summers, ATA
James Rigney, ATA
Billy Plattenburg, ATA
Philip Voyles, ATA
Noel Pujol, ATA
James Lowhorn, ATA

25 YEARS

Amy Hopf, ATA
Stephen Powell, ATA
Jerry Smith, ATA
Douglas Gonnion, ATA
Edwin Macon, ATA
Jeffery Mann, ATA
Stanley Richardson, ATA
Scott Hagler, ATA
Jerry Davidson Sr., ATA

Tommy Worley Jr., ATA
Joseph Bowman, ATA

20 YEARS

Gregory Fox, ATA
Deborah Allred, ATA
Jody Frame, ATA
James Allen, ATA
Janice Smith, ATA
Warren Mullinax, ATA

15 YEARS

Dennis Weaver, ATA
Michael Whitmore, ATA
Tony Cyree, ATA
Robert Mann III, ATA
Timothy Dolan, ATA
Monte Mullican, ATA

10 YEARS

Cherise Dockery, ATA
Lee Prater, ATA
Richard Trull, ATA

5 YEARS

Tammie Huggins, ATA
Kristy Jones, ATA
Jonathan Kodman, ATA
Mary Barlow, ATA
Albertine Mutoni, ATA
Angela Holder, ATA

INBOUND MILITARY

2nd Lt. Michael Parmen-
tier, AF
Maj. Christopher Nunez,
AF
2nd Lt. Akshay Tripathi,
AF
Col. Raymond Toth, AF

OUTBOUND MILITARY

Senior Airman Tara Kin-
dermann, AF

RETIREMENTS

Sharon Brock, AF
Rita Bell, ATA
William Peters, ATA
Larry Phillips, ATA

NEW HIRES

Karen Steele, AF
Shelly Williams, ATA
Raymond Butts, Jr., ATA
Jeffery Chandler, ATA
Patrick Weaver, ATA
David Ansley, ATA
William Stack, ATA
John Woodard, ATA
George Luttrell, Jr., ATA
Kevin Lovvorn, ATA
James Hice, ATA
Brain Hale, ATA

PROMOTIONS

Deborah Allred, ATA
Douglas Darden, ATA
Gary Fulmer Jr., ATA
Carol Smith, ATA

GRADUATE/DEGREES

John Anderkin, Associates
Tony Harrison, Masters
Kayleigh Hatfield, Masters
Kevin Holst, Masters
Adam Plondke, Masters
Dusty Vaughn, Masters
Chad Carpenter, Bachelors
Patrick Weaver, Bachelors
William Stack, Bachelors
John Woodard, Bachelors

REGRET from page 2

the room and sat solemnly on the edge of the chair while the ultrasound technician leaned against the wall looking at the floor.

“We aren’t sure, but you might have cancer,” said the doctor. Then she started in with “other than cancer things it could be,” but my mind just kept re-playing that one sentence. The doctor showed me all the images from my unwanted parasite, and it had grown from a tiny lump into a monstrous beast an inch in width and had developed tentacles in attempt to spread itself through my chest. Well, maybe monstrous is exaggerated, but standing there looking at it on the ultrasound screen it seemed like the biggest shadowy tentacle mass in the world.

The first week of waiting before the biopsy was a roller coaster of thoughts and emotions. Things that felt important at one time in my life failed to be important anymore. I would have my good days and my bad days. All in all, I think I handled that first week pretty well. After a

somewhat painful biopsy, the waiting game would continue for seven more days until my phone finally rang. It wasn’t cancer.

The doctor explained that the growth is called a granular cell tumor, most commonly found in the brain. “Dodged a bullet there,” I thought to myself. After the happy dance moment was over, I realized that this is still a serious medical issue that has to be fixed.

Surgery went as planned. There was quite a bit of pain and soreness with a very impressive bruise that followed. My first day back to work, I received a call from the doctor with the results of the pathology report. Now, having been through a few medical experiences in my life, having the doctor call to give you the results is never a good thing. Apparently, the tumor is a very aggressive type and another surgery is needed to remove more tissue.

Being cut open twice in three weeks, I started to break down a bit emotionally. I kept thinking that

if I had only taken care of this earlier, it never would have escalated to the point of having two surgeries. Even though I had support from my co-workers and leaders, I still felt very alone.

The second surgery went well. I received a call from the nurse and the pathology report came back clean. Recovery is a bit more painful, but hopefully this will be the last surgery. Mentally, I’m still dealing with the fact I may have to go through this again, but having gone through it twice has opened my eyes to what is important.

For each person, what you value the most will vary, but for me escaping the clutches of cancer will always be something I am thankful for. When it comes to your health, putting something off may be the last thing you regret. Our lives can be very chaotic, but don’t ignore signs or symptoms of your health. The mission needs everyone at 100 percent, so keep in mind to never forget you.

Officials seek nominations for 2013 AFA Aerospace Awards

By Gloria Kwizera

Air Force Personnel Center Public Affairs

JOINT BASE SAN ANTONIO - RANDOLPH, Texas (AFNS)

– Air Force officials are soliciting nominations for the 2013 Air Force Association Aerospace Awards for outstanding contributions to national defense in a variety of fields.

These awards include:

Theodore Von Karman Award - for contributions in the field of science and engineering relating to aerospace activity by an Air Force military member, civilian, unit or group of individuals.

David C. Schilling Award - for contributions in the field of flight, in the atmosphere or space,

by an Air Force military member, civilian, unit or group of individuals.

Gill Robb Wilson Award - for contributions in the field of arts and letters covering a wide range of activities, such as writing, speaking, media relations, sculpting or painting by an Air Force military member, civilian, unit or group of individuals.

Citation of Honor - for contributions significantly exceeding standard performance by an Air Force military member, civilian, unit or group of individuals.

Each major command, field operating agency and

direct reporting unit may nominate one person for each award.

Previous award winners may not be renominated for the same category. Organizations and base-level personnel must contact their MAJCOM, FOA or DRU for applicable suspense dates and additional information regarding nomination procedures.

Completed nomination packages are due to the Air Force Personnel Center Recognition Programs office by Jan. 7, 2013.

For more information on Air Force recognition programs and other personnel issues, visit the myPers website at <https://mypers.af.mil>.

AEDC's STEM spokesperson speaks about national educational challenges and how to tackle them

By Philip Lorenz III
Aerospace Testing Alliance

U.S. education statistics for 2012 paint a discouraging, if not an almost grim picture, according to Jere Matty, AEDC's Science, Technology, Engineering and Mathematics (STEM) educational outreach specialist.

"The Department of Defense has an ever-increasing need for employees in scientific, technology, engineering and math-related career fields," he said. "But one fifth of U.S. fourth graders lack the competence to perform even basic mathematical computations."

Matty said much of the problem can be traced to a lack of interest in STEM fields where even the most proficient students are gravitating away from STEM-related professions.

"Department of Education statistics for 2012 reveal that less than one percent of current U.S. elementary school students will seek an advanced education in the sciences," he said. "Now, I'm reading this verbatim, 'Of 15 year olds in 27 countries, U.S. youth ranked 18th in math and 14th in science. Half of U.S. graduates in STEM career fields are foreign nationals who can't get required security clearances.'"

Matty said the bottom line couldn't be more obvious.

"We desperately need U.S. students to get excited about careers in science, technology, engineering, math and aviation so they'll become the future Air Force STEM profes-

sionals who are required for us to dominate air, space and cyberspace."

For Matty, a former Air Force pilot and retired engineer, he knows the solution is far removed from mastering a pre-flight checklist or learning to tackle the latest modeling and simulation testing software.

"It's boiling the STEM basics down to a level any young person can grasp, by showing them the physics of airflow over a model car in our wind tunnel that actually takes force data while they run the test," he said. "Or we can take young people into our portable discovery dome, an inflatable planetarium where we can project large, colorful images of galaxies, and 3-D animation of men on the surface of the Moon, as they explore new terrain."

Matty says a rocket constructed of a straw, paper and clay may not sound exciting, until you see the expression of a child's face when he or she learns the basics of propulsion physics.

"I'm just getting started in my new role, my second career with AEDC," Matty said. "My goal is to help engineers, especially the younger ones, learn how to connect with young people with the help of these relatively simple teaching aids that are both educational and fun."

Matty emphasized that the STEM program at AEDC has always been a team effort.

"My predecessor, Mr. Wayne Goff, did a great job of getting this program off the ground and purchased most of the excel-



Dow Jones, AEDC contracting officer, and her daughter, Holly Jones, a marketing assistant with base services, watch as Jere Matty, AEDC's STEM educational outreach specialist, sets up a flow visualization tunnel at a presentation of STEM teaching aids held recently in the lobby of the A&E Building. The tunnel was one of a number of teaching aids on display to promote educations and careers in science, technology, engineering and mathematics fields to kindergarten through senior high school students in the surrounding counties. (Photo by Jacqueline Cowan)

lent STEM equipment we have now," he said. "Mr. Britt Covington, AEDC's executive director, and former AEDC Commander Col. Brewer have been huge supporters and given the green light for Air Force volunteers to assist on a non-interference basis with their regular duties. Likewise, Mr. Steve Pearson, ATA's general manager, is very enthusiastic about encouraging STEM and has provided critical ATA support to ensure the success of this."

Matty added, "So we already have a lot of folks at AEDC who have an interest and are involved in encouraging young folks in the STEM fields. A big part of my job is to help facilitate and coordinate



This scene of colonists on the surface of the Moon is part of a multimedia presentation that can be generated on the parabolic screen inside an inflatable planetarium in a recent STEM presentation held at AEDC. It is one of several teaching aids taken to events hosted by Jere Matty, AEDC's STEM education outreach specialist, and AEDC's engineers to encourage young people to pursue science, technology, engineering and mathematics educations and careers. (Photo by Jacqueline Cowan)

efforts already ongoing. If we can light that intellectual fire within these young students, especially in kindergarten and early

grade school, we will be a lot further along in restoring and ensuring our country's preeminence in the STEM fields. It is just those

capabilities that have made our country unequalled for generations in science, technology, engineering and math."

New AFMC command chief eager to move force forward

By Kim Dawley

Air Force Materiel Command Public Affairs

WRIGHT-PATTERSON AIR FORCE BASE, Ohio – During his 25 years as an Airman, Chief Master Sgt. Michael Warner has followed two basic principles: take advantage of every opportunity, and bloom where you're planted.

As the new command chief master sergeant of Air Force Materiel Command, Warner offered the same advice to others.

"Do everything you can to make yourself the best Airman you can be," he said. "If you're offered an opportunity to get any kind of education or training, do it. If you're offered an

opportunity to lead, do it. Take advantage of every opportunity that our great service provides you – and they're numerous.

"Once you seize an opportunity, bloom," he continued. "Instead of worrying about what comes next, say, 'I'm going to be the best at what I'm doing today.' That attitude will get noticed and bring about more opportunities."

Warner's advice has worked well for him so far. He spent nine years as a first sergeant, followed by a stint as an NCO Academy commandant, before becoming a command chief in 2006.



Warner

Now that he's at AFMC, Warner is looking forward to helping the command's enlisted force move forward into the five-center construct.

"AFMC is at a change point," he said. "So my number one goal is to

help [AFMC Commander] General Wolfenbarger – as her enlisted lead – move the command successfully into the future. As with any change, there are bound to be obstacles, so I want to help the command work through them."

Regardless of what those obstacles might be, Warner thinks the best way to navigate them is by continuing to make the enlisted force more disciplined, better trained and educated, and more professional.

"On a daily basis, my job is to take care of Airmen, to help leaders take care of them and to get the mission done," Warner said. "Certainly discipline

is the core foundation of our Air Force, and my focus is on the front-line level. It's about making our NCOs the best they can be because they have such a huge impact on our people and on getting the mission done. NCOs are taking care of our most valuable resource – which is our young Airmen – so I want to do all I can to make them more effective."

For that reason, Warner plans to keep pressing the agendas put in place by his predecessor, Chief Master Sgt. Eric Jaren, including Hold the Line, Year of the Community College of the Air Force and Year of Continuing Education. Warner's ef-

forts will extend beyond training and education, though, to keep preparing the enlisted force to be the most professional force they can be.

"To me, 'professional' means many different things," he said. "It goes beyond knowing your job. It's living the core values; it's thinking about our teammates; it's making sure we're fit to fight. At the end of the day, our job is to be warriors. To do that, we have to be professional, dedicated and driven."

"What the Airmen in AFMC bring to the fight is enormous," Warner continued. "I'm excited to help them any way I can."

Brig. Gen. Arnold Bunch assumes command of AFFTC

By Jet Fabara

95th Air Base Wing Public Affairs

EDWARDS AIR FORCE BASE, Calif. – Team Edwards filled Hangar 1600 to witness the historic passing of the Air Force Flight Test Center guidon from one commander to another during a change of command ceremony June 19.

Gen. Janet C. Wolfenbarger, Commander of Air Force Materiel Command, presided over the ceremony in which outgoing AFFTC commander Brig. Gen. Robert C. Nolan II relinquished command to Brig. Gen. Arnold W. Bunch Jr.

Addressing the more than 500 people in attendance, Wolfenbarger took the time to not only commend the accomplishments of General Nolan but the accomplishments of the Air Force Flight Test Center.

"It is truly my pleasure to be here this morning," Wolfenbarger said. "As we pass the reins of command responsibility from one commander to another, I thought it was important to spend some time talking about the significant mission of the Air Force Flight Test Center. What we accomplish here has been and will continue to be so very important to our warfighters both in today's fight and in future fights."

"Every aircraft in our United States Air Force inventory since World War II has come through this unit for flight tests and when you add to that, the numerous other areas of test and evaluation performed here, it becomes very clear why we have such a great appreciation for the significant mis-

sion of the flight test center," added Wolfenbarger. "As we move to our purpose today, which is the change of command, it is really is an opportunity to do two things - one is to say thank you to our outgoing commander, General Nolan, and the second is to welcome General Bunch to his new home and the new responsibilities as a flight test center commander."

Before proceeding with the change of command, Nolan was presented with a distinguished service medal in which he later took the time to address the center for a final time.

"Friends and family of Team Edwards, there are 115 men and women from Edwards Air Force Base serving in the Central Command area of responsibility, so I would like to dedicate my remarks to their service,



Brig. Gen. Arnold W. Bunch Jr. speaks to more than 500 people in attendance during the Air Force Flight Test Center change of command ceremony held June 19 in Hangar 1600. General Bunch took command of the AFFTC from Brig. Gen. Robert C. Nolan II during the ceremony. (U.S. Air Force photo by Edward Cannon)

to the sacrifice of their families, and for their safe return," Nolan said. "After 33 years in uniform, 29 years of commissioned service and 10 years of command experience, I can offer some profound words of wisdom, but I've decided to use my few remaining minutes in command to simply say, 'thank you.' I thank you for your expertise and for your patriotism. I am proud of you and proud to have served as the commander of the Air Force Flight Test Center. I wish each and every one of you all the best."

After Nolan's closing remarks and the AFFTC guidon was passed from one commander to another, Bunch expressed his thoughts about what it meant to be a part of the Team Edwards mission once again.

"When I initially got the call, I thought of the long history of firsts that are the tradition and history of Edwards Air Force Base, and I wondered what we will experience during my stint here as your commander and what we will do as a team of firsts," Bunch said. "I also reflected on the caliber of the officers who have served in this position and the leadership they have demonstrated daily as they led this great organization. They were tremendous and great leaders who set a great

example for everyone every day. My commitment is to work hard and to live up to that standard of excellence that they've already established. The latest in that lineage of great leaders is General Nolan and the whole family. You have poured heart and soul into this center and have done a remarkable job."

"To the men and women of the AFFTC, we are excited, thrilled, elated to get the opportunity to work with and for you as the AFFTC commander," added Bunch. "We are extremely happy to be back at Edwards and back in the test community. General Wolfenbarger and General Nolan spoke about the mission so I'm not going to talk about that a whole lot, other than to say that it's a critical mission and you only do that with world-class testers, world-class installation support and a world-class center staff and I know through my years of experience here that all of those things are here and we're going to be very successful."

Before nearing his closing remarks, Bunch briefly commented upon the future of Team Edwards and the Air Force Flight Test Center.

"As I step into this job, we are sailing in waters we have not traversed in a while or some that are actually uncharted," he said.

"All of the Department of Defense is under physical pressure and that pressure is hitting all aspects of the center mission. We're also entering the transition phase of AFMC's five-center reorganization. This reorganization has multiple facets, but for the test and evaluation enterprise, it aligns all of AFMC's test mission under the soon-to-be, stood-up Air Force Test Center."

"There are multiple test programs that are undergoing programmatic questions and pushes," Bunch continued. "Those items and others are causing a lot of concern for some people that are out there, but together we will tackle those and any other challenges that come forward. I am humbled to get the opportunity to work with this team of professionals and look forward to working with our community partners."

Bunch came to Edwards from his previous assignment as Commander of the Air Force Security Assistance Center, the agency charged with promoting security assistance and national security objectives by building relationships with U.S. international partners. As commander there, Bunch developed and executed international agreements and managed the command's international affairs and all foreign disclosure policies.

AFMC anniversary highlights 20 years of command's warfighter support

By Monica D. Morales

Air Force Materiel Command Public Affairs

WRIGHT-PATTERSON AIR FORCE BASE, Ohio – The warfighter need for streamlined logistics support and expertise in science, technology, research, development and testing launched the creation of Air Force Materiel Command, which marked its 20th anniversary July 1.

“AFMC supports the entire spectrum of the Air Force mission, and 20 years offers an opportunity to look back with pride on the command's accomplishments over that period,” said Jack Weber, AFMC command historian. “Moreover, the command's current efforts to plan and implement a streamlining of the organization from 12 to five centers, reduce unneeded overhead and emphasize efficiency make an excellent benchmark on which to focus on AFMC's heritage built so solidly over the last 20 years.”

Established July 1, 1992, AFMC resulted from the merger of Air Force Logistics Command and Air

Force Systems Command. Gen. Ronald W. Yates, AFMC's first commander, said at the command's stand-up that this latest organization combined both a look to the old and the new.

“It is an old command -- certainly one of the oldest in the Air Force -- because its roots go back to the earliest days of U.S. military aviation,” Yates said. “AFMC is also the newest major command in the Air Force, its creation the latest instance of the endless challenge of managing ever more complex weapon systems.”

AFMC traces its heritage to 1917 at McCook Field, a World War I-era, experimental engineering facility in Dayton, Ohio. With the birth of the U.S. Air Service in 1918, the organization became known as the Engineering Division and was expanded to include responsibility for the Air Corps' logistics system.

It was re-designated the Air Corps Materiel Division in 1926. As the largest

branch of the Air Corps, the Materiel Division was responsible for all aircraft and equipment research, development, procurement, maintenance, supply and flight tests.

The research, development and logistics functions were separated during World War II, but were subsequently reunited for several years during the late 1940s under the Air Materiel Command and structured around the strengths of technological superiority and worldwide logistics support.

“The work of AFMC's precursor organizations was integral to the development, acquisition, testing and sustainment of the weapon systems that enabled the United States to prevail in World War II and, ultimately, in the Cold War,” Weber said.

In 1950 the Air Research and Development Command broke out as a separate organization devoted strictly to research and development. In 1961, Air Materiel Command was re-designated Air Force Lo-



Secretary of the Air Force Dr. Donald B. Rice (from center left), Air Force Chief of Staff Gen. Merrill A. McPeak and Air Force Materiel Command Commander Gen. Ronald W. Yates stand as the AFMC flag is unfurled at the command's activation ceremony July 1, 1992. This year AFMC celebrates its 20th anniversary of providing expeditionary capabilities to the warfighter through development and transition of technology, acquisition management, test and evaluation, and sustainment of all Air Force weapon systems. (File photo)

gistics Command, while the Air Research and Development Command gained the added responsibility for weapon system acquisition and was re-designated Air Force Systems Command.

Today, AFMC delivers war-winning expeditionary capabilities to the war-

fighter through development and transition of technology, professional acquisition management, exacting test and evaluation, and world-class sustainment of all Air Force weapon systems.

From its inception the command and its Airmen have been involved with

operations that span the globe. As early as five months after AFMC's start, the command supported the Air Force's famine relief efforts in Somalia through airlift and refueling capabilities.

See **SUPPORT**, page 15

Air Force to offer online training site for contracting professionals

By John Scaggs

Air Force Materiel Command Public Affairs

WRIGHT-PATTERSON AIR FORCE BASE, Ohio – When officials launch the Air Force Contracting Learning Center SharePoint site July 12, it will culminate efforts to provide contracting professionals with a single entry point for continuous learning.

Per DoD Instruction 5000.66, contracting professionals must accumulate 80 continuous learning points every two years. The

learning center, which is accessible at https://cs.eis.af.mil/airforcecontracting/training_repository/default.aspx, will facilitate meeting that requirement.

Air Force Materiel Command, whose mission includes providing acquisition management services and logistics support necessary to keep Air Force weapon systems ready for war, is leading this Air Force initiative for an enterprise approach to contracting train-

ing. AFMC employs 3,765 contracting professionals, or about 40 percent of the total Air Force contracting workforce.

Creation of the learning center is in support of the Air Force Contracting Strategy Council's Goal 2, which involves “aggressively recruiting, developing, retaining and supporting a trained and capable Air Force Contracting corps, ready to meet the Air Force and Joint Contracting mission.” Goal 2 team members included participants from Air Force Contracting, five Air Force Major Commands, and the Air Force Personnel Center.

The learning center also supports AFMC's “Year of Continuing Education” initiative.

According to Col. Roger Westermeyer, AFMC Contracting deputy director, the learning center provides numerous advantages and opportunities.

“Content will be viewable in three ways: by process, Federal Acquisition Regulation part, or topic,” the colonel said. “Process view aligns with the new Contract Information Management System. This view will provide buyers ready access to learning material at their desktop computer while buyers are in a particular procurement phase. The concept is to instantly connect buyers to knowledge or subject matter experts while buyers are performing

their jobs.

“The learning center will allow people at all levels, from unit training monitors to senior contracting officials, to examine existing training materials and extract relevant information instead of developing new content,” Westermeyer said. “This will eliminate the need for local units to expend resources developing training because the learning center will provide it for them.”

Mary Petkoff, a procurement analyst in Headquarters AFMC's Contracting Processes Management Division, added that consolidation of material onto the learning center will provide more consistent and standardized contracting training across the Air Force.

“More than 70 contracting organizations throughout the Air Force, as well as MAJCOMs and other organizations, are sourcing, developing and maintaining training products,” Petkoff said. “Additionally, people are maintaining more than 20 training repositories and/or portals, many of which reside in Air Force Knowledge Now, which will be eliminated. The learning center will reduce redundancy and enhance standardization and quality of contracting training materials.

“Content owners will be responsible for maintaining and updating material to en-

sure information is current,” Petkoff continued. “While many content owners for topics appearing on the site will reside in AFMC, the learning center currently has content owners at SAF/AQCP, Air Force Logistics (AF/A4), and Air Force Space Command. Efforts to add knowledgeable content owners from across the Air Force continue.

“Related to this is the concept that the learning center was set up to link to source documents, so that when a source document is updated, that information is updated on the learning center,” Petkoff said.

More content will be migrated to the learning center through incremental phases, which is often referred to as spiral development. For instance, at the initial rollout the contingency contracting section of the learning center will contain material on the mobilization phase of deployment. Additional training material will be added later for the buildup, sustainment, and redeployment phases.

According to Westermeyer, the need for a centralized learning center arose from an increased demand for training while at the same time resources to develop and maintain training material have decreased.

“About 40 percent of the Air Force's contracting workforce has less than five years of experience,”

the colonel said. “Contracting staffs at all levels throughout the Air Force are shrinking and we face the potential of more budget and personnel cuts. By consolidating contracting training content into one location we can be more efficient and effective in providing quality standardized training content to the workforce.”

AFMC's interest in leading the effort to create the learning center escalated following the command's reorganization announcement in November 2011. AFMC is consolidating its centers from 12 to five as part of AFMC's response to a Department of Defense challenge to find efficiencies and save tax dollars. AFMC officials say that by reducing and consolidating overhead, the command will improve the way it accomplishes its diverse mission and will provide better support to the warfighter.

“As we move forward, we must train and develop our people to fully implement the Better Buying Power initiatives,” Westermeyer said. “This requires a firm understanding of contracting processes and principles as well as industry business practices. The Air Force Contracting Learning Center will help us get there.”

Arnold Golf Course 454-7076

Check us out on Facebook! Arnold AFB Services Golf Course

Sausage and biscuits now available in the Pro Shop Monday through Friday. If you have an early golf outing during the week, grab a quick breakfast before you start. These sausage and biscuits are from the Mulligan's Coffee Bar & Grill menu prepared in advance and placed in the warmer in the Pro Shop for your convenience. The biscuits are \$2 each and coffee is also available. The grill opens at 10:30 a.m. during the week and serves a full breakfast on Saturday and Sunday starting at 8 a.m. The Pro Shop will have the sausage and biscuits available starting at 7 a.m. Monday through Friday but limited quantities will be available so get them while they last.

Tuesday-Thursday Special: \$10 green fee for unlimited golf. Cart fee not included.

The **Arnold Tri-City Medal Play Championship** will be held July 21-22 with an 8 a.m. shotgun start. The field will be flighted depending on the number of participants. Second round play will be flighted based on first round scores. Second round score improvement limit will be 7-15 percent as determined by the tournament director. Percentage of improvement limit will be drawn at completion of second round. Prizes will be awarded in each flight. Open to the first 72 players to sign up. Priority for riding carts will be given as applications are received. Payment is required at time of registration. Deadline for sign up is close of business July 19. Entry fee is \$50 for advanced green fee players and \$70 for others. Cart prices are not included. Price does include one free practice round during the week of July 15-20. For more information call 454-GOLF.

Arnold Lakeside Center 454-3350

Check us out on Facebook! Arnold AFB Services Arnold Lakeside Center and Arnold AFB Services Information, Tickets and Travel

First Friday Jam is BACK ON for July! Things get underway at 6 p.m. Come to play, listen, dance and enjoy. Join in with the band to play an instrument or sing. Or take over and do your own performance.

Weekend dining room specials (all include two sides and salad bar):

All specials and times are subject to change without notice. Please call ahead to ensure availability and openings.

Friday 4-9 p.m.

July 6: Prime rib for two, \$29.95 member, \$31.95 nonmember.

July 13: Membership Drive finale event: Olympic Team Night with cookout, includes hamburgers, chicken legs, potato salad, baked beans and dessert, free for members, \$9.50 nonmembers and guests.

July 20: Catfish plate, \$9.95 member, \$11.95 nonmember.

July 27: Fried chicken plate, \$9.95 member, \$11.95 nonmember.

Saturday 5-9 p.m.
Express Menu only every Saturday.

July Movie Schedule

Movie nights are Thursdays with movie start time of 6:30 p.m. and dinner available from the Express or Pizza menus from 5-8 p.m.

July 12 – “The Hunger Games,” rated PG-13 (2 hr. 22 min.) starring Jennifer Lawrence, Josh Hutcherson and Liam Hemsworth.

Set in a future where the Capitol selects a boy and girl from the 12 districts to fight to the death on live television, Katniss Everdeen volunteers to take her younger sister's place for the latest match.

July 19 – “Wrath of the Titans,” rated PG-13 (1 hr. 33 min.) starring Sam Worthington and Liam Neeson.

Perseus braves the treacherous underworld to rescue his father, Zeus, captured by his son, Ares, and brother Hades who unleash the ancient Titans upon the world.

July 26 – “A Thousand Words,” rated PG-13 (1 hr. 31 min.) starring Eddie Murphy, Cliff Curtis and Kerry Washington.

After stretching the truth on a deal with a spiritual guru, literary agent Jack McCall finds a Bodhi tree on his property. Its appearance holds a valuable lesson on the consequences of every word we speak.

Sign up for Members First Plus now through July 13 and the first three months are free.

All who sign up for Members First Plus membership between now and July 13 will automatically receive three months free dues, be enrolled in the free cash back rewards program, and win \$5 to \$100 instantly upon application through a scratch off gift card program.

“We want all personnel to consider membership and understand the benefits of membership, and our “Membership Matters” membership campaign gives them the opportunity to try it free for the first three months,” said Fred McKenney, Chief of the Air Force Food and Beverage Division. During the promotion everyone eligible and interested in AF “Club” membership should look for the membership promotional materials in Services activities. Pick up an application, fill it out, and experience the benefits of membership – the first three months dues are on us! The membership card provides numerous benefits. The Military Free Cash rewards program is an outstanding benefit to members. When you use your membership card in any on-base Services activity, you earn two percent cash back on every eligible purchase including AAFES and Commissary. Additionally, you earn 1 percent cash back on eligible purchases everywhere else including all off base purchases. In addition to being able to redeem points for cash back and gift cards, you now can also redeem for travel, to include airline tickets, hotel, and car rental – super flexibility – and it is all free, as a benefit of club membership! Members First Plus offers members numerous free and inexpensive activities including discounts on meals to include special functions, an annual \$25,000 scholarship program, discounts on other areas in Services such as golf and boat rental and

other member's only programs. Call 454-3350 for more information on Members First Plus membership.

Membership Drive Finale Event July 13: Olympic Team Night with Cookout. The Membership Matters Membership Drive will end July 13. In recognition and appreciation to all current members and those who have joined during the drive, an Olympic Team Night with Cookout has been planned. All members will eat for free at the barbecue cookout which includes hamburgers, chicken legs, potato salad, baked beans and dessert. Nonmembers and guests may attend for \$9.50. There will be games so come ready to participate. Dinner begins at 5 p.m. and games start at 6 p.m.

Last Friday Trivia Contest is 6:30 p.m. July 27. Teams can have up to four people. No cell phones are permitted during the event. Anyone using a phone while a question is underway will be disqualified. Questions in random categories will be given. Prizes for top finishers.

Tops in Blue returns Aug. 13 with a 7 p.m. public performance at Motlow State Community College gym. “Listen” is Tops In Blue's celebration of giving audiences the best in family entertainment. The 2012 tour invites the audience to listen to the music of life through the sounds we hear every day. It features the dynamic rhythms of The Doobie Brothers, Earth, Wind & Fire, Whitney Houston and Maroon 5. This year's tour also showcases the great country music of Darius Rucker, Carrie Underwood, Lady Antebellum and The Zac Brown Band. Of course, no Tops In Blue show would be complete without the great patriotic music that honors our nation and its heroes. Add the high energy precision choreography and dazzling visual impact Tops In Blue is known for, and every member of the audience will be singing along and dancing in their seats.

Casino Night is back at the ALC on Aug. 17 beginning at 6 p.m. for ages 18 and older. A dinner buffet will be served from 6-9 p.m. and includes London broil, stuffed chicken, garlic mashed potatoes, rice, balsamic grilled vegetables, green beans salad, rolls and assorted desserts. Gaming will be from 7-10 p.m. and includes craps, roulette, blackjack and wheel of fortune. Participants are given play money to try their hand at these games to increase their dollars which will then be used at a prize auction beginning at 10:15 p.m. Reservations are required for the buffet by Aug. 6. Cost for the buffet is \$19 for members and \$21 for nonmembers. Call 454-3350 for reservations or more information.

Family Member/Youth Programs (FamY) 454-3277

Check us out on Facebook! Arnold AFB Services Youth Programs

Camp Adventure continues. Camp Adventure is a summer day camp run by skilled professionals through the University of Northern Iowa. Camp is Monday through Friday from 7:30 a.m.-4:30 p.m.

Hours of operation:

Arnold Lakeside Center: Catering/Management offices by appointment. Cashier Monday through Friday 7 a.m.-3:30 p.m. Dinner: Arnold Express Menu or Hap's Pizza only Thursday 5-8 p.m., dinner or Arnold Express Menus and Hap's Pizza Friday 4-9 p.m. and Saturday 5-9 p.m.; Main Bar Thursday 5-8 p.m., Friday 3:30-10 p.m. and Saturday 5-10 p.m.; Social Hour Friday 4-6 p.m., Movie Night Thursday 6:30 p.m.

Information, Tickets & Travel (ITT): Tuesday through Friday 10 a.m.-3 p.m.

Café 100: Monday through Friday 6:30 a.m.-1:30 p.m.

Barber Shop: by appointment – Monday, Tuesday, Thursday & Friday 8 a.m.-4 p.m.

GLC: Monday through Friday 7 a.m.-3:30 p.m. May vary depending on bookings.

Family Member/Youth Programs: Tuesday through Friday 10 a.m.-5 p.m., Saturday 12-5 p.m.

Outdoor Rec: Tuesday through Sunday 8 a.m.-6 p.m. FamCamp Store: Friday through Sunday 12-4 p.m.

Fitness Center: Monday-Friday 5 a.m.-9 p.m.; Saturday 8 a.m.-4 p.m.

Arnold Golf Course: Pro Shop & Driving Range 7 a.m.-dusk. Driving Range open 24 hours with pre-purchased key card. Mulligan's Coffee Bar & Grill Monday through Friday 10:30 a.m.-2 p.m., Saturday and Sunday 8 a.m.-2 p.m..

Recycling: Monday through Friday 7 a.m.-4 p.m.

Wingo Inn: Monday through Friday 7 a.m.-6 p.m., Saturday and Sunday 8 a.m.-4 p.m.

Nonappropriated Funds Human Resources: Monday through Friday 7:30 a.m.-4 p.m.

This program is for ages 5-12 and children may attend by the week through Aug. 3. Each week is set to a theme with activities and field trips planned to coincide with that theme. Morning and afternoon snacks will be provided, but parents must supply their child with a sack lunch daily. Outdoor and swimming activities are planned throughout the week, weather permitting, so it is recommended that each child bring an extra pair of clothing, swimsuit, towel and sunscreen daily. Closed toe shoes must be worn at all times during camp. Children may be dropped off no earlier than 7:15 a.m. each morning and any child not picked up by 4:30 p.m. will be transitioned to Open Recreation and must be picked up no later than 5:30 p.m. or an additional fee of \$10 will be applied. Weekly fees are based on total household income ranging from \$55 to \$137 per week. To enroll your child, complete the application form and provide a copy of your leave and earnings statement or W2 to determine applicable fees. Other documentation required includes AF Form 1181, Youth Registration, and AF Form 1055, Medication Permission Slip (if applicable). Registration is required in advance and a separate application is required for each child attending. The weekly themes, activities and field trips are listed in the Youth Programs section. Contact Youth Programs at 454-3277 for more information and to register.

Camp Adventure weekly themes and activities:

Week 6: 9-13 July, Cruisin' Through the Cosmos

It's your time to shine on a planetary race through outer space! See star-tacular scenes as we zoom to the moon and take a spin around the solar system. Learn the order of the planets and hunt for moon rocks. Rev-up with rocket science and concoct space chase snacks and constellation crystals. Join Camp Adventure on this outrageous exploration celebration to the outer limits . . . and may the force be with you!

Swim: Tuesday & Thursday

Field Trip: Friday, Huntsville Space & Rocket Center

Week 7: 16-20 July, Outrageous Olympic Odyssey

Light the torch for the Camp Adventure Olympic trials and triumphs! The world gathers for the Olympic games in fun, fabulous London. Awesome Camp Adventure athletes are on an odyssey to the 2012

London Olympics. Join the international spirit in our opening ceremony with a proud parade of nations. This summer go for the gold! Dare to dream! You're an Olympian on the Camp Adventure team.

Swim: Tuesday & Thursday

Tuesday: Drama Quest Workshop - workshop uses role-playing to help students develop positive self-esteem, increase their communication skills and teach constructive group dynamics.

Thursday: Let's Make-Up Workshop - get visual image of theater make-up techniques

Note: Missoula Children's Theatre presents "The Tortoise Versus The Hare" auditions Monday 4 p.m. at Manchester Performing Art Center with rehearsals Tuesday through Thursday 1:30-5:30 p.m. and Friday performance 7 p.m.

Week 8: 23-27 July, Slam Jammin' Sports Celebration

Batter up! Camp A athletes and coaches are off to a super start as we kick off a slam jammin' sports celebration! Join the track team to run for your personal best...take a step up to the plate and work on super soccer skills. Everyone is a player in the All-Star line up! So get geared up to star in spectacular sports of all sorts and a week of spirit, sports and celebration!

Swim: Tuesday & Thursday

Field Trip: Friday, Tulsa Bowling Lanes

Week 9: 30 July – 3 Aug., Earth Friendly Extravaganza

Join our Earth Friendly Extravaganza! The Lorax is here to speak for the trees which everyone, everyone, everyone on Earth needs! Come play in the shade with the Brown Barbaloots, sing with the Swomee Swans and eat Truffula Fruits. Teach the Once-ler a lesson for once and for all. Hurry before the last Truffula Tree falls!

Swim: Tuesday & Thursday

Missoula Children's Theatre is coming July 16-20 with “The Tortoise Versus the Hare.” Auditions are open to children entering first grade through 18 years of age. All AEDC families and local surrounding communities are eligible. Pre-registration is required by July 12. A total of 60 cast members and four assistant directors will be filled. Cost is \$20 per child and additional children in the same family will receive \$5 off. Late registration fee will be \$25 and cancellation fee

after July 12 is \$10. Payment is required at time of registration. Auditions for those registered will be held 4-6 p.m. July 16 at the Manchester Performing Arts Center with some rehearsal to follow. Rehearsal will continue throughout the week from 1:30-5:30 p.m. A public performance will be held at the Manchester Performing Arts Center 7 p.m. July 20. Admission is \$10 for adults and \$5 for ages 3-5 years.

“The Tortoise Versus the Hare: The Greatest Race” is set somewhere in desert country where the inhabitants of West Sandy Bottoms are preparing for the highlight of their year – the annual race between the Reptiles and the Mammals. A company of strolling actors attempts to tell the tale in classical fashion. The Hare's weasely managers brag about their racing star as the various reptiles assemble to choose their candidate. Fan clubs are preparing their cheers as the big day draws near. Philoh Ferret reminds the racing fans that his service station is for “mammals only.” As we see the race through the eyes of a television news team covering the event, we soon discover that there is more than a sporting rivalry between the brown animals and the green animals. Loyalties to their specific colors create a real animosity among these creatures. Sound familiar? As the race proceeds, a tiny bunny is lost in the wilds of Tornado Gulch and, almost miraculously, color is forgotten as the mammals and reptiles join in the search. The wisdom of the old tortoise and the lesson learned by the cocky hare remind us all that “color is just a color – it's just decorated skin.” In the end, the animals realize the folly of their ways and live happily together in their sandy home.

Fitness Center 454-6440

Check us out on Facebook! Arnold AFB Services Fitness Center

The **running trail behind the Fitness Center** is now only accessible to badged employees. Recent base security measures have eliminated the use of running trail badges for Fitness Center customers. The turnstile connecting the Watten-dorf entrance to the mission area may only be opened by swiping an AEDC security issued badge. We apologize for any inconvenience but must follow and maintain Force Protection Conditions.

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ANNIVERSARY from page 15

At the end of that decade, in 1999, AFMC provided critical support in Kosovo – then a province in Yugoslavia. Beginning in April and continuing through the end of the fiscal year, AFMC depots surged production to maintain proper stock levels and fill depleted readiness spares packages.

AFMC support marked the combat debut of the B-2A stealth bomber, armed with the Joint Direct Attack Munition that became the “weapon of choice” during the conflict, said Weber.

After Sept. 11, 2001, AFMC’s technological and logistical support of weapon systems also proved crucial to Operation Enduring Freedom. Currently, more than 1,200 AFMC Airmen support operations in the U.S. Central Command and Africa areas of responsibility.

The command currently

supports nine host bases, and runs the Air Force’s medical and test pilot schools. AFMC’s workforce of more than 80,000 Airmen is comprised of approximately 6,000 officers, 13,000 enlisted and around 62,000 civilians – about 40 percent of the total number of civilians employed by the Air Force. This high civilian-to-military ratio is critical to providing the continuity needed to manage the life cycles of weapons system programs.

In November 2011, the command announced a restructure of its organizations – reducing AFMC’s centers from 12 to five – as part of several Air Force efficiency efforts.

The command’s 20th anniversary year was commemorated in March with the official release of the limited edition book “Air Force Materiel Command: 20 Years of Warfighter Support.”

Wolfe is Girl Scout Gold Award recipient



During a ceremony held recently in Nashville, the Girl Scout’s highest award, the Gold Award, was presented to Amber Wolfe for her project aimed at conveying the dangers of texting while driving. AEDC’s safety office used her community awareness campaign effort to create a Tool Box Topic page on the dangers of texting while driving. The page was posted to share with AEDC’s workforce. Amber, a senior at Coffee County Central High School, is the daughter of Shawn and Dee Wolfe, both of whom are AEDC employees. She is a member of Girl Scout Troop 1534, which meets in Manchester. Amber has been a Girl Scout for 13 years. (Photo by John Coffelt, staff writer for the Manchester Times)

SERVICES from page 13

Hot 250 is back the entire month of July. This event challenges participants to log 250 miles on a bicycle during the month. Use your own bike or check out from the Fitness Center. Participants completing the challenge will receive an incentive. Contact Joe Watters at the Fitness Center for details.

Outdoor Rec (ODR) 454-6084

Check us out on Facebook! Arnold AFB Services Outdoor Recreation

Paintball is suspended for July and August due to summer heat. Look for it to return in September.

FamCamp kayak/canoe and boat tours offered. FamCamp guests have added incentive to stay on select weekends to be able to go on lake tours. What better way to spend a couple of hours on a Sunday than on a lake tour of Woods Reservoir? For only \$5 per person, take a two hour ride around the 3,980-acre lake. While on the tour enjoy the scenery and wildlife as you hear stories of the lake and local area. Kayak and/or canoe tours are available July 8 at 10 a.m. and 2 p.m. Boat tour is available July 22 at 10 a.m., 12 p.m. and 2 p.m.

Canoe Basics Class will

be 11 a.m.-2 p.m. July 14. In this class you will learn the basics of canoeing. You will learn proper sitting positions, different strokes, the safety side of canoeing and learning how to work as a team. Get the summer started off right and learn the basics so you can go out on the lake completely confident and comfortable. Make sure you wear appropriate clothing and bring sunblock, because we will be getting in the lake during this class. Participants may bring their own canoe. Class begins at 11 a.m. and will last approximately three hours. This class is for ages 12 and up and cost is \$7 per person. There must be at least four to hold the class and maximum class size is eight. Call to sign up by July 11.

FamCamp outdoor movie nights. FamCamp guests will be able to enjoy an outdoor movie for free beginning at 7:30 p.m. July 14 and 28. Bring your chairs or blankets to the open grass area behind the upper bathhouse. July 14 will feature “Big Miracle” rated PG starring Drew Barrymore, John Krasinski and John Pingayak. In small town Alaska, a news reporter recruits his ex-girlfriend – a Greenpeace volunteer – on a campaign to save a family of gray whales trapped by rapidly forming ice in the

Arctic Circle. Inspired by a true story. July 28 showcases “Chronicle” rated PG-13 starring Dane DeHaan, Alex Russell and Michael B. Jordan. Three high school friends gain superpowers after making an incredible discovery. Soon, though, they find their lives spinning out of control and their bond tested as they embrace their darker sides.

Come with us on a **Cumberland Caverns Spelunking Adventure** July 21. This adventure trip through Rocky Top’s rocky bottom will give the first-time spelunker a taste of the untamed underground and show the experienced caver unsurpassed sites and formations. You will encounter unique formations, spectacular gypsum crystals and plenty of mud. Tight squeezes, cave crawling and ladders-in-the-caverns will make this an adventure you will be able to brag about. Because this excursion could encounter mud it is recommended to bring a change of clothes. Also remember to bring money for food and drinks. Meet at Outdoor Rec at 11:30 a.m. and travel to McMinnville for the 1 p.m. tour. This trip is for ages 10 and older and is \$40. Call to sign up by July 13.

Basics of Lake Kayaking Class will be held 10

a.m.-2 p.m. July 28 and Aug. 4. This class will give you basics needed for kayaking on our brand new sit-atop kayaks. Learn how to sit properly in the kayak, how to do proper strokes, self- and assisted-rescue procedures, turning methods, proper entry into the kayak and more. This training will help familiarize you with kayaking and give you the necessary tools to be safe and have fun. Make sure you wear appropriate clothing and bring sunblock, because we will be getting in the lake during this class. Participants may bring their own kayak if you have one. The class is scheduled for two hours (depending on the amount of participants and questions) and then we will take a tour of the lake. This class is for ages 12 and up and cost is \$10 per person. There must be at least three to hold the class and maximum class size is six. Call to sign up by July 25 or Aug. 1, respectively.

Extended Stays available at FamCamp. The FamCamp is a wooded area off of Northshore Road on the banks of Woods Reservoir with tent and RV camping. Amenities include bathhouse with shower, barbeque grills, fire rings, lantern hangers, boat launch pad, picnic and beach area, covered pavilion as well as washer/dryer service

and boat docking service. There are 18 tent sites and 36 RV sites, 15 of which are pull-through. All RV sites are equipped with 30- and 50-amp 115V service. Daily rates for RV camping are \$20 during the summer and \$15 during the winter (November-April). Did you know that you can stay for up to three months at FamCamp? Monthly rates are \$450 during the summer and \$400 during the winter. Sites 27-36 are designated for extended stays. Extended stays are only allowed in three-month increments, and there must be a one month gap between stays. Reservations may be made up to 45 days in advance for active duty, National Guard and Reserve military. Up to 40 days in advance for military retirees and up to 30 days for DOD employees. All others may make reservations up to 20 days in advance. Tent camping is available at \$7 daily. Washer/dryer service is \$2 and boat docking is \$5. A convenience store is open 12-4 p.m. Friday through Sunday May through October and open Mondays if in conjunction with a holiday weekend. Other camping is available at Crockett Cove and Dogwood Ridge. Crockett Cove offers five rustic cabins with heat and

air, mini fridge, microwave, front porch swing, grill and picnic table. There is no running water but a bathhouse is on site. The one- or two-room cabins rent for \$40/\$50 per day during the summer and \$30/\$40 during the winter. Dogwood Ridge consists of six travel trailers with water, sewer, electric and propane complete with deck, picnic table and chairs. The trailers rent for \$40 daily, \$75 for two days or \$200 per week. Extended three month stays are also available at these areas. Call Outdoor Recreation at 454-6084 for more details or to make reservations.

Wingo Inn 454-3051

Check us out on Facebook! Wingo Inn

Reservations for Wingo Inn can be made 120 days in advance. Room rates start at \$39 per night. Please call 454-3051 for reservations.

Gossick Leadership Center 454-3024

Check us out on Facebook! Arnold AFB Services Gossick Leadership Center

