

Newly commissioned 2nd Lt. Ashleigh Peck celebrates following graduation from the U.S. Air Force Academy at Falcon Stadium May 27. Lieutenant Peck was among 1,046 members of the Class of 2009. See more about graduation on Pages 12-13.

Superintendent retires after 40 years of service *'Thanks, USAFA'*

By Lt. Gen. John Regni U.S. Air Force Academy Superintendent

As Debby and I celebrate the final days of our career, I wanted to take this opportunity to offer some final thoughts to the men and women of the United States Air Force Academy as the 17th superintendent.

First, I want to say thank you for making this the ideal way to close out this journey. I can't think of a more appropriate place to end my career than right here at USAFA, where it started some 40 years ago ... with four years as a cadet and 36 years of commissioned service. Your hard work and dedication to our Academy has made it a premier military academy that provides our nation officers of character with an education that is unmatched. Second, I'm especially proud of all you've done to not only make the Academy what it is today, but set the foundation for years to come. From acquiring the funding to maintain our facilities to earning another 10-year accreditation to fielding competitive Division I athletic teams... the list goes on and I'm proud to be part of the team.

Finally, you never took your eye off the ball. You kept our cadets and their wellbeing at the forefront of your work. We are producing better officers than ever before due to your efforts and dedication. You epitomize our core values of Integrity, Service and Excellence. My career began back in the summer of 1969 when I entered Basic Cadet Training along with my classmates from the Class of '73. We graduated at a time when the country was at war. After



U.S. Air Force Academy Superintendent Lt. Gen. John Regni visits with cadets on the Terrazzo. The general has served as the Academy's leader

since October 2005.

Vietnam, we shifted our focus to the Cold War. Then came Desert Storm and many other contingency operations around the globe. Finally, 9/11 set the tone for the final years of my career. I was fortunate to have served the final 13 years of my career as a general officer ... with the honor and responsibility of serving the last nine as a commander in commands

far away from the Pentagon!

But I have to admit, serving as superintendent has been the most rewarding assignment of my career. And it's because of the passionate people all across our various mission elements. Our faculty and staff, as well as our teammates in the 10th Air Base Wing, prep school and the 306th **See REGNI, Page 3**





Academy safety director speaks out

By Lt. Col. Bryan Cessna Academy Director of Safety

May 27 we graduated 1046 officers of character and members of the Class of 2009.

Graduation officially marks the end of spring and the beginning of the summer season at USAFA.

Although this past winter was mild by traditional Colorado standards, I know many members of Team USAFA look forward to the annual summer vacation. I know my family and I are heading to the beach for some quality time together this summer. With the warmer weather and opportunities for travel come the increased risk this time of year brings. The Air Force 2009

101 Critical Days of Summer campaign focuses on four major areas: traffic safety, alcohol awareness, fatigue, and drowning prevention.

Each week we will focus on a specific aspect within one of these four areas.

Automobile and motorcycle accidents continue to plague our Airmen as the number-one area for fatal mishaps.

So far this fiscal year, 29 of the 37 Air Force fatalities were either automobile or motorcycle accidents. More than 78 percent of our fatalities this year, both on and off duty, were traffic related.

We all have our part to play in keeping our USAFA family of cadets, civilians and active-duty personnel safe during this critical season.

Commanders: Stay engaged with your personnel and continue to emphasize the message of safety and risk management daily. Before embarking on a trip of any length analyze and mitigate the risks associated and plan the trip. We must maintain the personal risk management mindset with our personnel as they leave the gates of USAFA.

Supervisors: You are in the best position to influence safe behavior

both on and off-duty.

Alcohol and fatigue also remain as emphasis areas during the spring/summer months. Either of these two factors coupled with operating a motor vehicle can be disastrous.

Airmen: You are our critical link to watching out for each other after we leave the workplace. Take care of one another, anticipate and step in before your Wingman needs help. The greatest hero of the day is the one who steps in to stop reckless or irresponsible actions, thereby often saving a life.

My staff stands ready to speak to your organizations about safety. Additionally, we can assist in arranging guest speakers from outside agencies to help disseminate the message in often unique ways.

Don't hesitate to call me at 333-3143 or my staff at 333-3205.

Thanks for your continued support in making USAFA a great, safe place to live and work. Enjoy your summer and as always – be safe!



To responsibly inform and educate the Academy community and the public about the Air Force Academy Lt. Gen. John Regni -Academy Superintendent Lt. Col. Brett Ashworth -Director of Public Affairs Tech. Sgt. Cortchie Welch -Chief of Internal Information Ken Carter — Editor kenneth.carter@usafa.af.mil Staff Sgt. Eric Bolt — Assignment Editor eric,bolt@usafa.af.mil Butch Wehry — Senior Staff Writer whalen.wehry@usafa.af.mil Ann Patton — Staff Writer elizabeth.patton.ctr@usafa.af.mil Denise Navoy — Graphic Designer

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The Academy Spirit also accepts story submissions by fax at 333-4094 or by e-mail: pa.newspaper@ usafa.af.mil.



Action Line is a direct link to USAFA's senior leadership. It should be used when other avenues have failed. Concerns should be addressed at the lowest possible level in the chain of command and elevated as necessary. If satisfactory results have not been attained by addressing the chain of command. Mail to:

Directorate of Public Affairs

CSAF warns computer security required

By Gen. Norton Schwartz Air Force Chief of Staff

In executing our Air Force mission of fly, fight and win, our Airmen, civilians and contractors, knowingly or unknowingly, engage daily on the cyber battlefield. Computers and personal electronic devices connected to our networks can simultaneously be powerful tools and critical vulnerabilities. At times, our networks have been compromised by multiple means: Malware hidden in emails, viruscorrupted thumb drives, and media moved incorrectly between networks. We can prevent these events with due consideration and proper procedures, but in the past, we've regarded network protection and security as the "comm guy's job," and as a user inconvenience. This must no longer be the case.

Today, we forge a long overdue Air Force cultural change. Cyber operations reinforce and enable everything we do - from administrative functions to combat operations - and we must treat our computers and networks similarly to our aircraft, satellites and missiles. To this end, operations and

maintenance will follow standards governed by a tight system of regulations and technical orders. Compliance with time critical software updates will gain new emphasis and commanders will be held accountable. Command and control relationships will be revised to correctly align authorities and responsibilities. Major commands and subordinate commanders will no longer "own" networks, but will be responsible for their portion of the larger Air Force Global Information Grid. Air Force Space Command will champion our cyber force development and operations.

I have signed a directive memo making an unequivocal statement about the importance of compliance with network related technical orders. This guidance will improve safety and efficiency on the AF-GIG and provide commanders a clear enforcement/ disciplinary mechanism. MTOs, NTOs, and CCOs issued by the Air Force Network Operations commander now have the same authority as aircraft maintenance technical orders and lawful general orders. I expect this change will increase compliance with network technical orders across the Air Force.

As Airmen, civilians and contractors, you must understand your responsibility in this cultural change. Each time you use a networked device, you are on patrol for our Nation. You must be alert for and report suspicious emails, websites and suspicious attachments. Mission needs may require you to "sneaker-net" information, but you must follow safe and approved procedures for moving critical data. You must not upload data from personal devices for any reason. While training programs communicate information on network security, we depend on you to execute responsibly. When irresponsible acts occur, I expect commanders to enforce our standards.

This change is not easy, but compliance enables us to defend our networks - paramount in the face of increasing threats. Networks are a shared resource and a risk assumed by one is a risk exposed to all. Our Air Force must move to a system of tight network control, personal responsibility, and accountability as we execute our global mission on behalf of our Nation.

2304 Cadet Drive, Suite 3100 USAF Academy, CO 80840-5016 Items may also be e-mailed to action.line@usafa.af.mil.



"Night at the Museum II at IMAX. It's a very good family film. Had to have seen the first one to get all the jokes, but it was very well

done."

Stephanie Moore School-age program assistant Academy Youth Center



"I haven't been to a movie for a long, long time. But among my favorites is *Tombstone* a modernday western starring Kurt Russell and Sam

Elliott."

Tech. Sgt. James Heller I 0th Medical Group



Seen a good movie lately?

"Up is a really good Disney movie with a great message for kids ... to never give up on their dreams."

Amanda Gasco School-age program assistant Academy Youth Center



"The latest *Star Trek* movie—it has a lot of action and really good tie-backs to the original TV series."

Ron Jackson Aerospace Corporation



USAFA command chief returns to roots

By Staff Sgt. Don Branum U.S. Air Force Academy Public Affairs

Author John Ed Pearce once wrote, "Home is a place you grow up wanting to leave, and grow old wanting to get back to." While the Air Force Academy's top enlisted Airman is by no means old, home



is where he plans to return after he retires in a ceremony today.

Chief Master Sgt. Arvin Davis, a native of Sumter, S.C., joined the Air Force in June 1980 in search of something more than his small military town near Shaw Air Force Base could offer. He was 17 and just out of high school.

"The main reason for me was to get out of town," Chief Davis said. "I couldn't see the textile factory as something that was going to be for me and the lure of the F-4s flying around Sumter sounded exciting to me."

The Air Force first assigned him to the 2nd Combat Communications Group at Patrick AFB, Fla., but he nearly ended up much closer to home.

"My original orders were for Myrtle Beach," about an hour's drive east of Sumter, Chief Davis said. "I was like, 'You've got to be kidding me.' But those orders were canceled two days later, and I ended up getting orders to Cocoa Beach instead."

A supply Airman by trade, Chief Davis' early-career goal was simply to aim for excellence. He intended to serve a fouryear enlistment before moving on, but

sensing opportunity, he chose to stay in.

"I wanted to be the best supply tech they had," he said. "As I matured through the Air Force, it gave me the opportunity to show what I could do. I was fortunate to have senior NCOs and commanders who gave me the ball and let me run."

And run he did.

Shortly after his 10th year in the Air Force, he was promoted to master sergeant, and he pinned on chief's stripes in July 1999 while assigned to Spangdahlem Air Base, Germany.

"Germany was the most fun assignment I've had in my career, especially Spangdahlem," Chief Davis said. "I went to experience the culture, and living at Spangdahlem gives you the opportunity to hit Belgium, London, Amsterdam ... it's central to just about everything."

One of his most meaningful assignments was his deployment to the 379th Air Expeditionary Wing in Southwest Asia as command chief for more than 8,000 U.S. and foreign military personnel.

"You train all these years, with exercises and all the preparation, and when you deploy, you get to see how the puzzle pieces fit together ; our services Airmen, the firefighters, the medics, operators and maintainers come together from all walks of life and just make it happen," he said. "You expect it, and it's no surprise, but it's still great to see it in real time."

Brig. Gen. Charles Shugg, commander of the 379th said during Chief Davis' deployment, the chief is ... "a grand American warrior and patriot."

"He was one of the finest leaders I've had the pleasure to serve with," said General Shugg, now commander of the Joint Unmanned Aerial System Center of Excellence at Creech AFB, Nev. "He was especially focused on the young NCO corps. He spent a considerable amount of time and effort mentoring and teaching leadership points to all the rotational NCOs, and he made sure everyone understood our mission and how they fit into the big picture."

Culminating Chief Davis' 29-year experience is his two-year tenure as the Academy's command chief, which has allowed him to interact with not only a large enlisted cadre but also with the next generation of Air Force officers.

"What a critical mission we have," he said. "We're building future Air Force leaders right here. We get so busy sometimes that we don't get to sit back and think about what that means. There's not one single mission element or person who makes this happen - we all come together to make that happen, and it's just amazing to watch.

"We have a great first sergeant corps with an uncommon chemistry, an excellent eye for leadership, and a strong senior NCO corps here that's really making the mission happen," the chief continued. "We have such a diverse organizational structure at USAFA, but in the end, year after year, that diverse structure culminates in a very visible 'mission accomplished' when we graduate 1,000 cadets. I appreciate the opportunity that (Superintendent) Lt. Gen. John Regni gave me two years ago to join the team, because it really puts an exclamation point on one's career."

To cadets, he offers this post-graduation advice: grab a senior NCO, listen to his or her experience, learn the mission, and learn the way toward becoming a driving force in your unit. Also, remember that who you are is more important than where you came from.

"People don't follow the degree. They're not interested in where you graduated," he continued. "People respect Airmen who are honest, who hold their subordinates accountable and who lead by example. Graduating from the Air Force Academy gets you in the door, but then you have to earn the respect of the folks you're leading."

The chief said he has no doubt future officers, 1,046 of whom became second lieutenants here May 27, are capable.

"They get it," he said. "They're very bright. I'm always confident, because I know that the cadets here are future squadron, group and wing commanders ... many will be general officers, maybe a chief of staff. This is only a foundation, as they have to reflect and fully understand that they'll get opportunities to build on their leadership once they're in the operational Air Force. But they get it."

What will the future hold for Chief Davis?

In the near term, he said he plans to go back to the East Coast, where his Air Force adventure began.

"My wife, Faye, and I are going to decompress for three months," he said. "After that, we're going back home and see how that works out. I always swore I'd never head back home, or even that way; but after you complete your Air Force career, family's all you've got," he said. "Whatever life throws at us, we're looking forward to being around family and letting our roots grow in one place for a while."

Regni

From Page 1

Flying Training Group are all professionals with the highest standards, all keenly focused on those who are the reason we exist-cadets. It is because of everyone's dedication and mission focus that "there's a whole lot of good going on at the Academy."

Knowing we are sending our young officers into harm's way requires we do so with the best possible training. That's why the work you are doing here is so vitally important. We must continue to produce officer's who have the courage and values necessary to lead our Air Force and our nation's military at a critical point in history.

Vice President Biden told the class of 2009 last week, "This is your moment to bend history to the service of a better day." Each and every one of you is vital to preparing our cadets to meet this challenge.

But I don't want to dwell on the enormity of our service. I want to celebrate! I want to celebrate the friendships I've made over the years, dating back to my first duty station as a personnel officer at the Ogden Air Logistics Center. I want to celebrate the amazing work I've witnessed by our Airmen at every stop of my career. And I want to celebrate the sacrifices so many of our

Airmen have made over the years. It's not just the Airmen who are sacrificing, it's also the families of our Airmen who support their loved ones while they are deployed around the world or working long hours at home station. It humbles me to see our entire Air Force family support each other while accomplishing the mission.

It has truly been an honor to serve alongside each and every one of you in the world's most powerful air, space, and cyberspace force. Debby and I look forward to watching you from afar as we settle into the next phase of our life. We wish you all blue skies and strong tailwinds!

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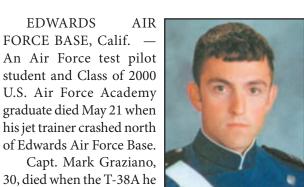
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First Department of Physics permanent professor passes



imately nine miles north of Mark Graziano near

California City. Captain Graziano was assigned to the U.S. Air Force Test Pilot School at Edwards, where he was undergoing training to become a test pilot.

T-38 crash claims

Class of 2000

Academy grad's life

Courtesy 95th Air Base Wing Public Affairs

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was piloting crashed approx-

AFB,

Edwards

His crew member, Maj. Lee Jones, was injured upon ejecting from the aircraft. He was transported to Kern Medical Center in Bakersfield, where he is listed in stable condition. Major Jones, a senior navigator, is also assigned to the USAF Test Pilot School, undergoing test navigator training.

"We are shocked and saddened by this sudden loss and our hearts and prayers go out to Mark's family and loved ones," said Col. Terry Luallen, commandant of the U.S. Air Force Test Pilot School. "We are doing all we can to support Mark's family during this trying time."

At approximately 1:15 p.m. Edwards AFB was notified that a TPS aircraft had gone down near California City. Emergency responders from the base and Kern County arrived at the scene where they found Jones near the crash site, and transported him to Kern Medical Center. Captain Graziano was pronounced dead at the scene.

A board of officers is investigating the accident. Base officials stressed that the accident site may have contained hazardous materials released from the crash, and asked that individuals refrain from entering the area until the investigation has been completed, and debris removed from the scene.



By Capt. Justin Spring Academy Department of Physics

The U.S. Air Force Academy recently experienced a profound loss with the passing of Col. Anthony J. Mione (retired), the first permanent professor to lead the Department of Physics. Colonel Mione died peacefully at home, surrounded by his family, May 15, 2009, at the age of 82.

Born March 8, 1927 in Brooklyn, New York, Colonel

Mione wanted to fly from an early age. He graduated from the U.S. Military Academy at West Point in 1949 with a commission in the U.S. Air Force, and earned his pilot's wings in August 1950.

At the time, the Air Force was investigating nuclear-powered aircraft and sponsored Colonel Mione to pursue graduate work at North Carolina State University, where he earned a master's of science in nuclear engineering in 1953. After several important assignments with Air Research and Development Command, Colonel Mione attended Air Command and Staff College, where he was selected as a distinguished graduate

in 1961. He then returned to North Carolina State University, where he earned his Ph.D. in nuclear engineering in 1964.

Colonel Mione was first assigned as an instructor to the Air Force Academy Department of Physics in 1963. In 1966, he was selected as head and first permanent professor of the physics department. During his 11 years at the Academy, Colonel Mione led a dramatic expansion of the physics curriculum; in 1963 there was no physics major and only a handful of elective physics courses were taught. Under Colonel Mione's leadership, the physics major was first offered to the class of 1966 and the number of elective courses grew to 18. Since



then, more than 800 Academy graduates have earned physics degrees.

Colonel Mione also established two separate research laboratories at the Academy. These facilities allowed the department to offer intensive laboratory coursework for cadets, engaging them in experimental investigations vital to future Air Force systems. These labs were early showcases for cadet research - many scientific papers were published with faculty and cadet co-authors. Through Colonel Mione's personal generosity, an endow-

> ment was established in 2001 for an annual award to the Outstanding Cadet in Physics Research, further solidifying his legacy as a great advocate for the critical role of research in educating and developing Air Force officers.

> After retiring from the Air Force in 1974, Colonel Mione worked for the General Electric Company. From 1974 to 1978, he was with GE's Power Systems Sector in Washington D.C., where he studied advanced generation technologies using coal to replace imported oil in electric utility industries. In 1978, he moved to St. Petersburg, Fla., where he managed GE's Neutron Devices Department,

until his second retirement in 1985.

Colonel Mione is survived by his wife, Peggy; three daughters, Jennifer Grace Mione-Bonner, Jean Mione-Bottone, and Ann Mione-Purser; one son, John Kelly Mione; seven adoring grandchildren; and many close friends.

"Colonel Mione was a remarkable leader," said Brig. Gen. James Head, former permanent professor, head of the physics department, and vice dean of the faculty. "He established significant improvements to programs and facilities of the Department of Physics. His vision helped propel the Academy into the first-rate institution it has become."





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10th MDG honors completion of new mural

By Staff Sgt. Eric Bolt U.S. Air Force Academy Public Affairs

The role of the combat medic traces back to the American Revolution. Since then, combat medics' courageous actions have saved countless lives. In the face of danger, with an utter disregard for their own well being, combat medics treat and stabilize the wounded until they can be medically evacuated.

Staff Sgt. Jason Martinez captured the essence of the combat medic in a wall size mural, measuring 6 by 12 feet, for all to see. Onlookers rose in applause as officials with the 10th Medical Group revealed the fruit of his labors for the first time at an unveiling ceremony in the 10th MDG clinic May 28.

Sergeant Martinez, a medical laboratory technician with the 10th MDG, spent much of the last few months creating a realistic rendering of a combat medic attending to a fallen comrade as the sun sets behind distant mountains. He accented the side of the painting with the Airman's Creed, ensuring that onlookers understand the sacrifices and dedication that it takes to be an American Airman.

Sergeant Martinez's work has been titled Two Soldiers Finding Healing in the Chaos, with inspiration coming from the final line of Linda Lucas Walling's poem The Combat Medic. Walling's poem also



Staff Sgt. Jason Martinez poses next to his completed mural after the unveiling ceremony at the 10th Medical Group clinic May 28. Sergeant Martinez spent more than 100 hours working on the 6 by 12 foot painting titled after the closing line in Lind Lucas Walling's poem The Combat Medic.

contains words that can be heard on battlefields around the world: "You're not alone. I've found you. We're here together, you and I."

It is easy to imagine those words are being uttered to a fallen warrior in the very moment Sergeant Martinez froze in time.

"The mural captures the highest calling of a medic and the highest priority of any member of the 10th MDG, which is to train and be ready to deploy and provide medical care to our nation's Soldiers, Sailors, Marines and Airmen in any part of the world," said Col. Alan Berg, 10th MDG commander.

Sergeant Martinez was deployed to Honduras when Lt. Col. Michael Burke, 10th Medical Support Squadron commander, asked him to create the centerpiece for the 10th MDG lobby.

"I was hesitant at first, due to the

scale of the project," Sergeant Martinez said. "But the more I thought about it the more I liked the idea of leaving something behind for future generations of combat medics."

After he agreed to take on the challenge of creating what was soon to be the center of attention in the clinic's lobby, Sergeant Martinez discovered that the road to completion would not be free of obstacles.

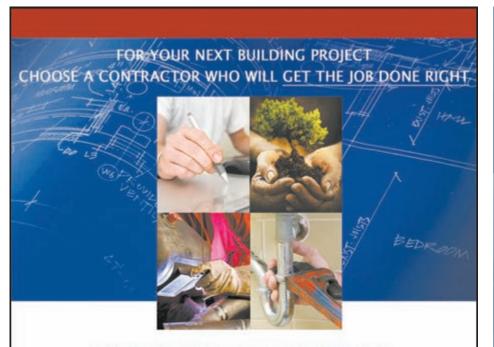
"It was tough on my family," he said. "I had just returned from a deployment and immediately began working with Colonel Burke on the concept. I had to dedicate a lot of evenings and weekends to the project."

"The conception phase was tough," he said. Of the more than 100 hours it took to complete the project, Sergeant Martinez spent close to 40 hours researching and preparing to capture the essence of a combat medic. "The actual painting was the easiest part."

Sergeant Martinez explained what the mural means to him.

"To me it represents the role the 10th MDG plays both at home and deployed," he said. "I wanted it to represent the folks behind the scenes working the off shift, weekends and night shift."

He said he also hopes future onlookers will see the same thing. "I'd love to bring my grandchildren here one day and show them."



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Senior Officer Announcements

The following senior officer announcements include both members departing from and arriving to the Air Force Academy as well as a retirement announcement.

Brig. Gen. (Sel) Jimmy McMillian From: Commander, 10th Air Base Wing, U.S. Air Force Academy

To: Director, Security Forces, Deputy Chief of Staff, Logistics, Installations & Mission Support, HQ USAF, Pentagon, Washington, DC

Col. Ricky LoCastro

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From: Vice Wing Commander, 96th Air Base Wing, Eglin AFB, Fla. To: Commander, 10th Air Base Wing, U.S. Air Force Academy

Col. Jeffrey Thompson From: Inspector General, U.S. Air Force Academy

Retirement effective: Sept. 1, 2009

Col. John Tomjack To: Inspector General, U.S.Air Force Academy Effective: Immediately

Col. Michael Therianos

From: Joint Forces HQ Liaison to U.S. NORTHCOM, Peterson AFB **To:** Director, Plans and Programs, U.S.Air Force Academy

Col. John Abbatiello

From: Deputy Head & Associate Professor of History, U.S. Air Force Academy To: Camp Victory Command Group, Central Command, Iraq

Col. Keith Boyer

From: Chief, Strategic Plans Assessment, U.S. Air Force Academy **To:** Senior Military Professor, AFIT, Wright-Patterson AFB, Ohio

Col. Paul Fisher

From: Senior Military Professor, Assistant Professor of Biology, U.S. Air Force Academy **To:** Deputy Director, AF Office of Scientific Research, Arlington, Va.

Col. Alan Berg

From: Group Commander, 10th Medical Group, U.S.Air Force Academy To: Deputy Command Surgeon, U.S. Joint Forces Command, Norfolk, Va.

Col. Kenneth Knight

From: Chief, Aerospace Medicine Division, Air Combat Command, Langley AFB, Va. To: Group Commander, 10th Medical Group, U.S. Air Force Academy Effective: June 26, 2009

Col. Ann Blake

From: Flight Commander, 10th Dental Squadron, U.S. Air Force Academy To: Chief, Endo Element, 52nd Dental Squadron, Spangdahlem AB, Germany

Col. Steven Klyn

From: Endodontic Resident, AFIT, Lackland AFB, Texas To: Flight Commander, 10th Dental Squadron, U.S. Air Force Academy

Col. Timothy Halligan

From: Commander, 59th Dental Group, Lackland AFB, Texas To: AEGD Resident Flight Commander, U.S.Air Force Academy

Col. (Sel) Thomas Piazza

From: Flight and Cadet Medicine Flight Commander, U.S. Air Force Academy To: Chief, Aerospace Medicine Division, Air Mobility Command, Scott AFB, IL

Vaccine now available to prevent cervical cancer

By 1st Lt. Stephany Watkins 10th Medical Group

There is good news in the fight against cancer. A vaccine has recently been approved that can significantly decrease the incidence of cervical cancer caused by the Human Papillomavirus.

What is HPV?

Genital Human Papillomavirus is the most common sexually transmitted virus in the United States. More than 50 percent of sexually active men and women are infected with HPV at some time in their lives. Most HPV infections do not cause any symptoms and go away on their own, but certain types of the virus are known to cause cervical cancer, genital warts, and other illnesses in women.

Why is it beneficial to get the HPV vaccine?

The HPV vaccine protects against four main types of HPV, including the two types that cause about 70 percent of all cervical cancers and the two types that cause about 90 percent of genital warts. If females are vaccinated prior to their first sexual contact, the vaccine can prevent almost all the diseases caused by these four types of HPV. For sexually active females, even if they have been exposed to one or more of the targeted viruses, the vaccine can still offer protection from the other types of HPV. Women who get the vaccine should still schedule regular cervical cancer screenings with a pap smear test since the vaccine does not cover every type of HPV.

Who should be vaccinated and when?

The Centers for Disease Control and Prevention recommends vaccination for all females between the ages of 9 and 26 years. The vaccine is administered in a three-dose series, with the second and third doses being given at two and six months after the initial dose. The main side effects of the vaccine are typically mild and are similar to those experienced with other vaccinations. They include pain, redness and swelling at the injection site, fever, nausea, itching and dizziness.

How do I request vaccination?

The vaccine is available by self-request to beneficiaries between the ages of 9 and 26 at the 10th Medical Group Immunization and Pediatric Clinic.

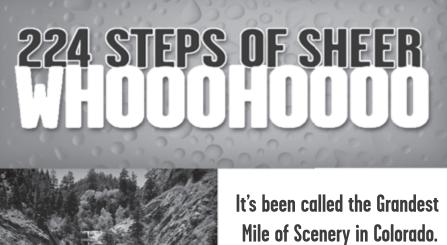
If you or your child is an eligible department of defense beneficiary, please visit the immunization clinic from 7:30 to 11:00 a.m. and 1 to 4 p.m. weekdays.

The immunization clinic is closed every Tuesday from 7:30 to 9 a.m. and every Thursday from 2:30 to 4:30 p.m.

For children assigned to the pediatric clinic, walk in immunizations are offered weekdays from 1 to 3 p.m.

Additional information is available on the CDC Web site at *www.cdc.gov/nip/ vaccine/hpv/default.htm*.

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Airman garners MAC recognition

By Academy Spirit Staff

When it comes to saving lives, saving money and protecting assets, one Academy Airman has an impeccable track record. His accomplishments were recognized at the Annual Armed Forces Luncheon May 15 when he was named 2009 Outstanding Enlisted Military Representative (Category One—E-1 though E-4) by the Colorado Springs Chamber of Commerce Military Affairs Council.

Senior Airman Tyler Moran, a firefighter from the 10th Civil Engineer Squadron, has been assigned to the Academy as a fire protection apprentice since February 2008. In a relatively short time, he has made major impact.

First a little personal background.

Born at Lemoor Naval Air Station, Lemoor, Calif., Oct. 24, 1983, in 1996, he moved to Temecula, Calif., where he attended Temecula Valley High School and graduated with the class of 2001. Next, he attended Embry Riddle Aeronautical University and in 2006, graduated with honors with a bachelor's degree in global security and intelligence.

In December that year, he enlisted in the Air Force and arrived at Lackland AFB, Texas, for Basic Military Training. After completing BMT as an honor graduate, he attended and completed the Para Rescue Indoctrination Course in May 2007 also at Lackland. In October 2007, he cross-trained into the firefighting field and attended the Louis F. Garland Fire Academy at Goodfellow AFB, Texas, for technical training to become a fire protection apprentice.

After graduating as an honor student, he received an assignment to the 10th Civil Engineer Squadron. In October 2008, Airman Moran was promoted below-the-zone to senior airman. His military awards include: the National Defense Service Medal, the Global War on Terrorism Service Medal, the U.S. Air Force Basic Military Training Honor Graduate Ribbon and the Air Force Training Ribbon. He is married to the former Ashley Shannon of Temecula, Calif.

Just a hand full of bullets from the Airman's nomination package concisely present the caliber of this future NCO:

■ Captain of Embry Riddle Aeronautical University wrestling team; earned three All American awards

■ Honor Graduate from firefighting tech school; graduated with a 97 percent average—#1 of 14 in class

Responded to 236 emergency events including 97 medical emergencies; training saved lives daily

■ First team to locate lost and injured hiker; administered immediate medical care—saved life

The Armed Forces Luncheon was held at the Colorado Springs Broadmoor

CEC2289843 - 5/09

Hall upon the occasion of Armed Forces Week, May 10-16, as proclaimed by City Mayor Lionel Rivera.

The proclamation by the city of Colorado Springs and El Paso County reads in part, "WHEREAS, these citizen Soldiers, Sailors, Coast Guardsmen, Airmen, and Marines are inexorably woven into the fabric of our national heritage, and to our city and country and its way of life ..."

Maj. Gen. Mark Graham, commanding general Division West, First Army and Fort Carson was the keynote speaker.

The enormity of military presence in El Paso County was outlined in the event program stating: "The Pikes Peak Region encompasses a diverse and vibrant military presence unique to only a very few locations in the United States. The region is not only home to the five military installations, but also home to operations of the North American Aerospace Defense Command, U.S. Northern Command, Air Force Space Command, U.S. Army Space and Missile Defense Command/Army Strategic Command, Missile Defense Integrated Operations Center, Space Innovation and Development Center Joint Functional Component Command/Integrated Missile Defense, and the National Security Space Institute."

The Academy community salutes Airman Moran for his accomplishment and wishes him all the best

New Supt. to assume command

Lt. Gen. (Sel) Michael C. Gould assumes command as the new superintendent of the U.S. Air Force Academy, in a ceremony here, Tuesday.

He comes to the Academy from Scott Air Force Base, Ill., where he is director of operations and plans, U.S. Transportation Command. In that role, he was responsible for directing the deployment of forces and the distribution of supplies and equipment for humanitarian, peace time and war time operations for the Department of Defense including joint training, exercise and war planning. In addition, he was responsible for force protection for USTRANSCOM and its components, and has operational control of the Defense Courier Stations located globally and the Joint Operational Support Airlift Center. He also provided associated policy guidance.

General Gould is a 1976 Academy graduate.

His career has encompassed a wide range of command, operations, and staff positions, and has served at wing, numbered Air Force, Air Staff and joint unified command levels.







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The Advanced Composite Cargo Aircraft rolls out of a hangar in May at Lockheed Martin's Skunk Works plant in Palmdale, Calif. The ACCA is a modified Dornier 328J aircraft.

Advanced Cargo Aircraft makes first flight

By Derek Kaufman 88th Air Base Wing Public Affairs

WRIGHT-PATTERSON AIR FORCE BASE, Ohio (AFNS) — Members of the Air Force Research Laboratory and Lockheed Martin's famed 'Skunk Works' launched a new era of aircraft manufacturing technology and performance with the successful initial demonstration flight of the Advanced Composite Cargo Aircraft Tuesday at Air Force Plant 42 in Palmdale, Calif.

The ACCA is a modified Dornier 328J aircraft with the fuselage aft of the crew station and the vertical tail removed and replaced with completely new structural designs made of advanced composite materials fabricated using out-of-autoclave curing.

The ACCA fuselage is wider and stronger to accommodate military standard 463L pallets and features a cargo door and cargo ramp. The vertical tail features integrally stiffened skin. Despite its larger size, the materials and processes used for the fuselage reduced the number of parts by an order of magnitude relative to the original metallic design (approximately 300 versus 3,000) and drastically reduced the number of mechanical fasteners (about 4,000 vs. 30,000), program officials said.

The flight marks the final and most significant milestone of Phase II of the Air Force Research Laboratory ACCA program, said Barth Shenk, an ACCA program manager from AFRL's Air Vehicles Directorate at Wright-Patterson Air Force Base.

"This has the potential to change aircraft manufacturing as we presently know it, for the better," Mr. Shenk said. "Today's successful flight is the culmination of years of teamwork between government and industry labs involving hundreds of dedicated researchers across the country to fundamentally change the way we make airframes." Lockheed Martin officials said the ACCA took-off to the east from Air Force Plant 42 at 6:55 a.m. Pacific Time. The aircraft then banked west and climbed to an altitude of approximately 10,000 feet where the twopilot crew took the vehicle through a series of airspeed and stability and control tests. Officials said the tests are important to understand how the composite cargo aircraft performs at varying speeds, attitudes, and altitudes. This data will be used as a baseline for future tests. "Today is one of those perfect days where I get to be the first to fly a new aircraft and everything goes exactly as planned. The aircraft was a real pleasure to fly and we experienced absolutely no issues," said Rob Rowe, the Lockheed Martin lead ACCA test pilot.

is a proof of concept technology demonstrator for composite manufacturing processes in a full-scale, certified aircraft. In an effort to demonstrate and test the technologies while keeping costs down and on schedule, the small team of Air Force and Lockheed Martin engineers elected to modify the high-wing Dornier jet, mating its existing engines, wing, landing gear and avionics systems to the new composite structure. The enlarged rear cargo doors and can accommodate two standard size military pallets.



modified fuselage has enlarged rear cargo doors and can accommodate two standard size military

The new composite structure is manufactured without complex tooling and the bonding process yields a 90 percent reduction of structural components and fasteners, said Frank Mauro, the vice president of Advanced System Development for Lockheed Martin.

"Historically aircraft cost has been generally determined by the size and weight of the vehicle. With ACCA we are proving that while size does matter, it isn't the be-all, end-all determination of aircraft cost," Mr. Mauro said.

Lacking traditional fasteners like rivets, the composite structure is inherently aerodynamic. Mr. Shenk said he believes composite structures will address many of the corrosion and aging issues associated with all-metal aircraft, reducing airframe lifetime maintenance. Lighter weight of composite materials can also contribute to increased cargo capacity, aircraft performance and lower operating costs. The real game changer; however, is the maturation of manufacturing processes which collectively dramatically reduce the cost and complexity of building large airframes. The ACCA's first flight was made possible by a 10year Air Force Research Laboratory-led research and development investment called the Composite Affordability Initiative. Government labs worked collaboratively with industry to develop advanced materials and manufacturing technologies, Mr. Shenk said.

autoclave curing of large, unitized and co-bonded structures minimizes part count.

The "ripple effect" of this approach contributes to costs reduction across every aspect of airframe production, Mr. Shenk explained. Tooling, raw materials, fabrication man-hours, quality control and floor space utilization efficiencies are realized. Together, they combine to greatly reduce cost, design and manufacturing complexity.

"ACCA is the capstone test of integrating these composite affordability initiative principles all the way from conceptual design through certification and flight," Mr. Shenk said.

"NASA Dryden Flight Research Center and AVCRAFT have been linchpin partners in our program's success" Mr. Shenk added. "NASA's expertise in experimental flight test programs helped us streamline our test preparations and AVCRAFT (the Myrtle Beach, S.C. based domestic maintainer of Dornier 328J), provided critical support on the aircraft subsystems so Lockheed could focus on the structural design, fabrication and integration issues." The ACCA test aircraft is laden with more than 600 sensors and accelerometers to measure stresses on its structure. Upcoming tests will focus on establishing the flight envelope of the ACCA to baseline its flight performance and validate predicted structural performance. "Accurately predicting structural behavior in the flight environment is a key step in establishing the eligibility of the technologies for transition into future programs, to fully realize the cost savings demonstrated by the ACCA," Mr. Shenk said.

Duration for the first flight was about 87 minutes. Mr. Shenk said the ACCA isn't designed to be a prototype for a small airlifter or any other aircraft. It The ACCA's large composite sections are essentially formed, cured and bonded together in room-sized ovens, instead of using expensive autoclaves, which use a combination of heat and high pressure. Out-of-

Deployment opportunities available for civilians

By Richard Salomon

Air Force Personnel Center Public Affairs

RANDOLPH AIR FORCE BASE, Texas (AFNS) — Whether it's helping Iraqis with reconstruction projects or assisting Afghans with their motor pools, Air Force officials rely on its civilian workforce to help meet global mission requirements.

And the Air Force is not alone, as more than 1,100 department of defense civilians volunteered to fill 129 provincial reconstruction team positions in Iraq in 2007.

Although the deployment of civilians is not a new concept, that show of support demonstrated to DoD officials the need to find more opportunities for civilians to deploy.

Air Force Secretary Michael Donley and Air Force Chief of Staff Gen. Norton Schwartz released a memo March 8 outlining their vision for supporting DoD civilians to serve in global expeditionary positions through a program called the Civilian Expeditionary Workforce.

"Some civilians have never deployed and want to serve, while others have deployed while on active duty and miss the experiences and rewards that only a deployment can bring," said Maureen Rudell of the Air Force Personnel Readiness Division at the Pentagon. "Civilians want to serve and be a part of the team, but haven't, until now, had the benefit of an integrated and organized process to volunteer."

That process begins with a visit to the Civilian Expeditionary Workforce Web site at www.cpms.osd.mil/expeditionary/. Once there, interested civilians can follow the Air Force-specific procedures.

Members of the Air Force Personnel Center's Program Management Support Division serve as the lead in processing the civilian volunteer packages.

"We check the applicant's documents, which include a resume and a volunteer deployment statement, to make sure they are correct and complete," said Ronald Freund, the division's technical adviser.

Prospective volunteers can submit deployment packages for positions unrelated to their job requirements as long as their current positions are not listed as emergency essential.

"Clearly, there are more opportunities for civilians to deploy including allowing them to fill military requirements in less hostile areas," Ms. Rudell said. "As the DoD mission continues to evolve and change, taking advantage of civilians' expertise will become increasingly important and will help them stay relevant in the workplace."

Bob Perry of Edwards Air Force Base, Calif., agreed. As chief of the project provisioning flight at the 412th Test Support Squadron, he helps develop and train project managers who oversee flight test projects such as new weapon systems and other experimental flight-testing evaluations. In early 2007, he responded to the call for civilian volunteers in support of Operation Iraqi Freedom and was assigned to an embedded provincial reconstruction team at Camp Liberty in Baghdad.

"Working on the flight test side at Edwards, I understood the importance of delivering warfighting capabilities on time and on budget," he said. "However, being deployed and depending on the reliability of those capabilities in real time gave me a whole new perspective on the meaning of what we do."

As the senior industrial adviser to the brigade commander, Mr. Perry and his team worked directly with the Iraqi government in providing centralized services, such as electrical power and critical construction support.

"I was able to see firsthand the results of our team's efforts," he said. "I encourage others who are offered the same opportunity to take advantage of it."

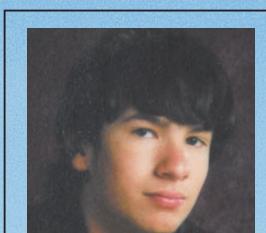


Handiwork

Photo by Dave Ahlschwede

Cadets 2nd Class Jeffrey Larkin and Jesus Beltran begin work on one of two hogans, which are traditional eight-sided Navajo homes as part of the summer Field Engineering and Readiness Laboratory course. This course exposes cadets to several aspects of civil engineering.

Congratulations Graduates!







Nicolas Garcia

Graduating from Sand Creek HS

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From: Mom, Dad, Deja & Ben

Acea Deaton Graduating from Patriot HS

"Wheresoever you go, go with all your heart" – Confucius

Go forward, always keep moving, and follow your heart! - We love you Mom, Dad, Angel, & Jared

RaQuiem Soto Moore

Graduating from Fountain Ft. Carson HS

"We are so proud of you and we love you very much."

From: Mom Lisa, Dad Harry, LLasmin

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FEATORE

By Airman 1st Class Elliott Spreh 27th Special Operations Wing Public Affairs

CANNON AIR FORCE BASE, N.M. (AFNS) — Senior Airman Eric Slaugh was returning to Cannon Air Force Base from leave in December when he encountered a snowstorm in northeastern New Mexico, a storm that would detour him into assisting in saving someone's life.

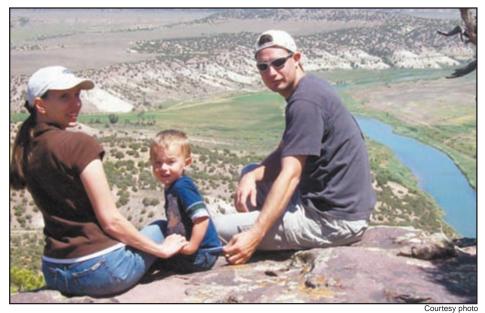
After missing a turn because of the near whiteout weather conditions, the Slaugh family ended up in a traffic jam due to an overturned semi-trailer that was blocking the highway.

All of these small setbacks led Airman Slaugh, just a few miles outside of Prewitt, N.M., to be a couple of cars back from a man who, while taking a quick restroom break from the gridlocked traffic, would be struck by a train.

"I watched the train go by and he didn't come back," said Airman Slaugh, assigned to the 27th Special Operations Component Maintenance Squadron.

Airman Slaugh would later learn that the man was standing in one set of tracks waiting for a train to go by so he could get back to his vehicle. But due to the noise of the westbound train he was paying attention to, the man didn't see the one traveling in the opposite direction heading directly toward him.

According to a memo from the New Mexico State Police, the man



Senior Airman Eric Slaugh, his wife, Marcie, and his son, Skyler, visit the Green River area in Wyoming during a family vacation.

noticed the train at the last second and managed to jump mostly out of the way, though he was struck and knocked back from the blow of the train.

"I never saw him come back over the hill, so I woke my wife up and told her I was going to go check on the guy," Airman Slaugh said. "When I got there, I could see him sitting next to another train."

Upon closer inspection, Airman Slaugh noticed that the man's hand had been severely damaged and was bleeding profusely. A trail of blood led from where he had been knocked to the ground to where he now sat, leaning against a train.

Airman Slaugh went back to his

vehicle where he retrieved cloth diapers and other supplies to help the man.

After returning to the victim, Airman Slaugh directed someone to call 911 and used his Air Force self-aid and buddy care training to treat the man for shock as well as took steps to stop the bleeding of the man's hand.

"I held a pressure point for a while which, for the most part, stopped the bleeding," he said. "At that point, personnel from the train that hit the man had made their way back."

The train that struck him came to a stop about a half mile from where he was hit. Airman Slaugh had one of the train conductors keep the man's hand elevated while he went back to his vehicle for a blanket.

When he returned to the train, a police officer had arrived. While awaiting medical technicians, Airman Slaugh continued to engage the man in conversation to keep him conscious. At this point, Airman Slaugh had been awake for almost 24 hours.

Medical technicians soon arrived to secure the man and transport him to a medical facility.

As far as Airman Slaugh was concerned, it was the right thing to do.

"At first my mind went blank from initial shock, but after a few minutes you start thinking straight 'I've got to do this, I've got to do that.' I believe that if you see somebody who needs your help — especially if this person could die without help — and you choose not to help him and he dies, you're partially responsible," he said.

"Did I save his life? I don't know," Airman Slaugh said. "Did I think I'd ever use (SABC)? No, I'm a mechanic. Was it the right thing to do? Yeah."

After the ordeal, Airman Slaugh and his family got a hotel room for the night to rest and contemplate what had just happened during the day.

In a memo from the New Mexico State Police, Sgt. Luis Hernandez wrote, "I truly believe that Senior Airman Slaugh's actions on this day were essential to the victim's survival. His knowledge of first aid and his willingness to help others are a reminder of the values our military personnel hold."

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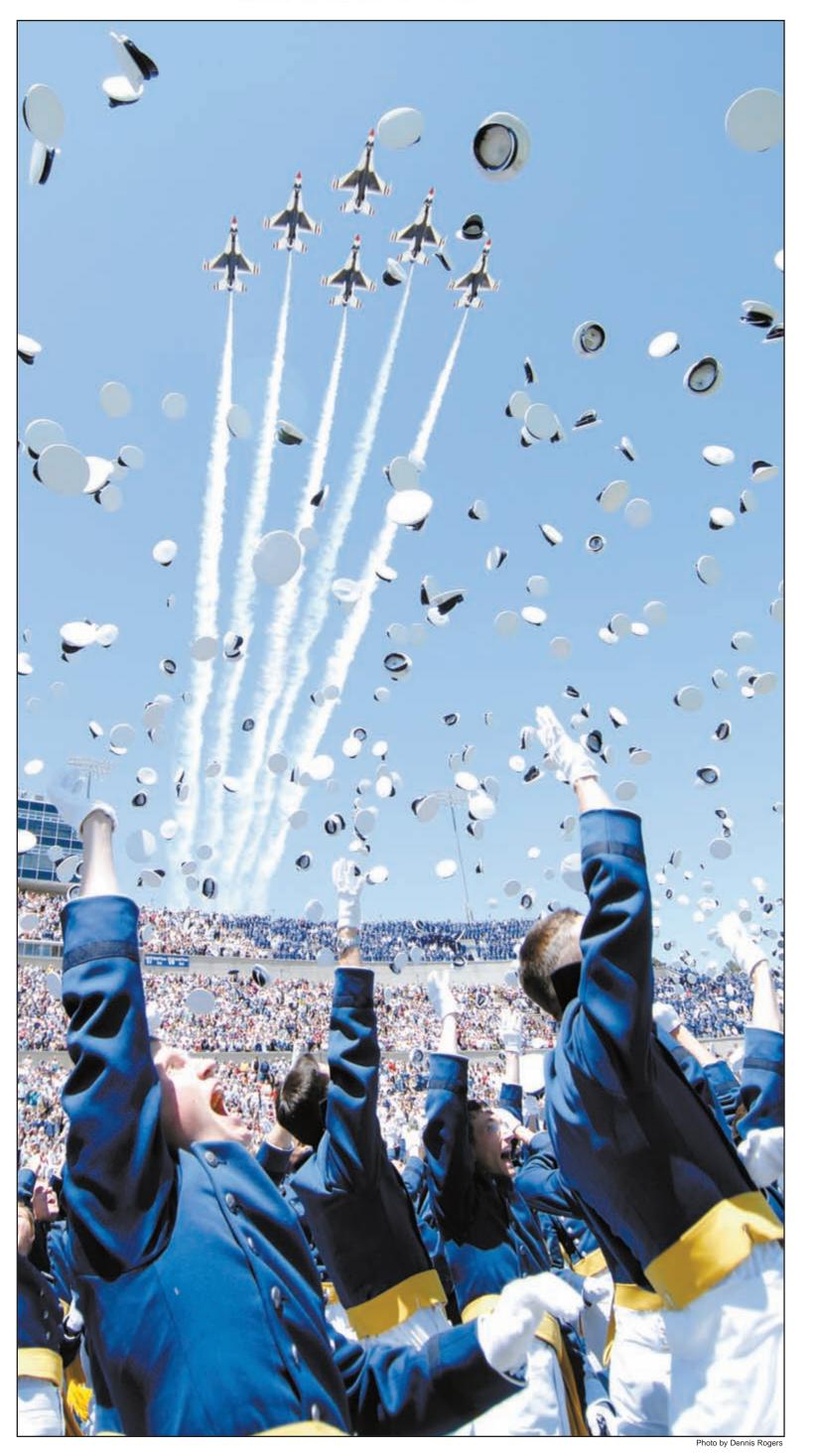








Photo by Dennis Rogers





Vice President to Academy graduates: 'This is your moment'

By Tech. Sgt. Cortchie Welch U.S. Air Force Academy Public Affairs

Vice President Joe Biden, the 2009 U.S. Air Force Academy commencement speaker, told graduates and newly-commissioned second lieutenants "This is your moment to bend history to the service of a better day."

"You will carry our skies and beyond on your backs. I promise you, we will have your back. That is a guarantee," said Mr. Biden, addressing 1,046 graduates May 27 before they walked the stage to receive their diplomas.

Mr. Biden told the graduates and their families that the administration considers their safety and care upon coming home from war a top priority. President Barack Obama made similar remarks May 22 at the Naval Academy graduation. "Without you, we cannot survive," the vice president said.

About 33,000 spectators including family members, friends and faculty assembled at Falcon Stadium to witness the Academy's 51st graduation ceremony. The ceremony included an Air Force Thunderbirds flyover as graduates jubilantly tossed their hats in the air, a traditional ending to the event.

The Academy is recognized as one of the nation's finest four-year institutions of higher learning. The school offers 32 academic majors including aeronautical engineering, biology, civil engi-



neering, economics, computer science and space operations.

The Academy's broad program of intellectual, professional, physical and character development is designed to prepare cadets to be tomorrow's air and space leaders. Cadets complete four years of studies leading to a Bachelor of Science degree. Emphasis is given to academics, military training, athletic conditioning and spiritual and ethical development. The school's admission process focuses on the major Academy experiences: academic, leadership, athletic and character.

oto by Mike Kapl

AFCENT band speaks language of peace

By Master Sgt. Steven Przyzycki AFCENT Band

OMAN and BAHRAIN – On a two week tour through these Central Asian countries, the U.S. Air Forces Central Band "Mirage" performed public concerts at performance halls, universities and several media productions through mid May. Performing in support of the U.S. Government's cooperative relationship here, the band collaborated with local musicians, delighting thousands of concert patrons.

The AFCENT Band "Mirage" is comprised of eight musicians who deployed to Southwest Asia from the U.S. Air Force Academy Band located at Peterson Air Force base, Colo. Mirage performs throughout the area of responsibility to positively promote troop morale, diplomacy and outreach to host nation communities.

The band's tour started with a performance at Al Buraimi University College in Buraimi, Oman. This university, the first and largest in Oman to attract male and female students from here and abroad was celebrating its "cultural exchange week." The Sultan of Oman is dedicated to education especially the study of the English language. Mirage's performance culminated the end of a diverse week for the student body and local dignitaries.

Other performances in Oman included a concert at the Azzan Bin Qais School in the city of Muscat, and a performance for outgoing U.S. Ambassador and Mrs. Gary Grappo at the American Embassy. Assistant Public Affairs Officer Walter Parrs stated, "The concert was great, and an invaluable experience for the students. This school is very progressive with English being taught here from elementary school through high school. Some graduating seniors will be attending Carnegie Mellon University in Pittsburgh next year."

Mirage also played a concert and reception honoring the work carried out by the Ambassador and his spouse over the past three years. In attendance were over 150 alumni and partners of a wide range of U.S. sponsored activities to include the Fulbright Program, the International Visitors Leadership Program, the American Corners, Projects of the Middle East Partnership and other programs that fulfill the Embassy's mission of building bridges between the United States and Oman. Embassy Public Affairs Officer Robert Arbuckle, who hosted the event said, "The cultural diplomacy embodied by the musicians of Mirage made for a very fitting tribute to the contributions that the Grappos have made to the Embassy's outreach efforts during their time in the Sultanate."

Ambassador Gary Grappo noted in his remarks that he is a graduate of the United States Air Force Academy stating, "While at the Academy, some of my best experiences were listening to this band, or at least their predecessors. They are outstanding ambassadors themselves for the United States Air Force and their country."

Mirage continued its educational outreach and cultural exchange programs throughout the region of Bahrain as well. Most exciting was the joint performance by Mirage with local Bahraini musicians at the Bahrain Culture Hall May 21, 2009. Embassy Control Officer David Edgington described the musical collaboration as "electrifying ... the Bahraini people are proud of their country similar to the pride you might see in a small town in



Mirage is an innovative octet comprised of multi-instrumentalists and a lead vocalist resulting in one of the most eclectic ensembles ever produced. Drawing on fresh dynamic arrangements the Academy group presents a wide variety of musical styles.

the U.S. Tonight, your performance allowed them to see you as individuals ... you each offered a glimpse into your hearts and souls, and this is a very special thing."

English Language Officer Fife Mac Duff stated, "There was so much pride in seeing musicians from both countries working together. Many people came to me after the concert and said that music is not only the Universal Language; it is also the Language of Peace."

While visiting Bahrain, several members of Mirage took the opportunity to visit the Grand Mosque.

Their tour guide explained the principals of the Muslim faith. He explained that basically all people want the same things in life. He talked about the possibility of world peace, stressing that there is nothing wrong with people disagreeing with one another so long as all people respect one another and are willing to sit down and communicate. Having studied in the United States, this man of Bahraini decent expressed his fondness for America. "We all have so much in common," he explained. "World peace can be a reality ... and you musicians will be the start of it."

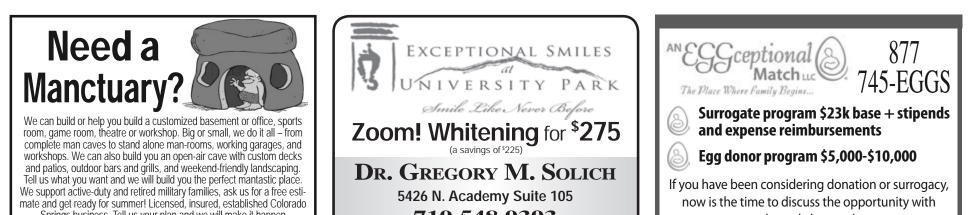
The tour guide's sentiments reminded me of the words of an old adage from Africa.

It serves to remind us that we are not all that different from one another, and that the world is smaller than we might have originally thought:

No other person will ever walk the path that destiny has laid out for you

But along that path, you'll come home to a thousand different places

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Sniffing out the goods at USPCA trials

By Ann Patton Academy Spirit staff

Some of the country's top noses competed this week as the Academy and the El Paso County's Sheriff's Office played host to the second of two events in the U.S. Police Canine Association's annual national field trials Wednesday.

Forty-one canines and their handlers were put through their paces at Stillman

Field and Coronado High School, in part for competition and for certification as detection canines by the USPCA.

In a razor-thin point range, the Academy's Staff Sgt. Timothy Bailey and military working dog Kelly, a Dutch shepherd, both with the 10th Security Forces Squadron, finished third in the building search and fifth overall in competition as the top drug dog.

The pair also teamed up with El Paso



Academy military working dog Kelly gives a picture-perfect alert to handler Staff Sgt. Timothy Bailey, 10th Security Forces Squadron, on the presence of a scented training aid in a Coronado High School classroom during canine trials of the U. S. Police Canine Association this week. County Sheriff's Office Deputy Sean Hartley and his canine to represent region 14 of the USPCA in the team competition. The four placed second overall in team competition.

"Kelly is a good dog and has a huge hunt drive," Sergeant Bailey said of the detection/patrol dog he nicknamed 'Mama." "She responds, and she's always on it."

He added Kelly has a stellar reputation for never showing a "false," or mistaken alert, with no scent aids present.

Handlers and canines were allowed 15 minutes to detect two scented aids obscured in five vehicles, provided by Heuberger Motors of Colorado Springs. Most finished well under that time. At Coronado, teams were required to detect two scented aids hidden in three classrooms in 15 minutes.

Sergeant Bailey and Kelly finished in three minutes flat.

The event also included social gettogethers, an awards banquet and a public demonstration in Falcon Stadium.

Canines and handlers came from all over the country for the trials, from Washington, D.C. all the way to California. The trials involved various canine breeds, including Belgian Malanois, German shepherd, golden retriever, Labrador retriever and springer spaniel.

The U.S. Supreme Court has recognized the USPCA as a certifying agency for law enforcement detection canines, whose handlers may be called to testify in court concerning incidents involving dog and handler.

Chief canine trials judge Ray Reinhart said canine detectors are trained to discover explosives, and a variety of illegal drugs. Dogs are also now being trained to forecast human seizures, some cancers and even detect faint traces of peanuts for owners with life-threatening allergies.

Canines alert handlers to the presence of substances by both passive and aggressive displays. During a passive alert, a dog may simply sit next to the location of a substance, and during an aggressive alert, the dog may claw at the detected area. Understandably, dogs trained for explosives only use passive alerts.

Mr. Reinhart said the partnership of canine and handler is a team effort.

"They have to make a marriage and make the marriage work," he said.

The bonds between handler and dog go deeper than just working together.

"Dogs are like family," Mr. Reinhart said. "Handlers spend more time with their dog than their family."

Many law enforcement canines make their homes with their handlers.

Mr. Reinhart, a retired Washington, D.C. police officer and a retired Secret Service officer, said one of his dogs saved his life twice during dangerous operations.

"I couldn't imagine not having him with me," Deputy Sheriff Mark Slovik said of his dog Pary, a German shepherd he has worked with for five years.



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College coaches visit Joint Base Balad

By Staff Sgt. John Gordinier 332nd Air Expeditionary Wing **Public Affairs**

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JOINT BASE BALAD, Iraq — Several college football coaches visited Sunday as part of the 2009 College Coaches Tour sponsored by Armed Forces Entertainment.

Coaches Mack Brown from the University of Texas; Troy Calhoun from the U.S. Air Force Academy; Jim Grobe from Wake Forest University; Rick Neuheisel from the University of California, Los Angeles; Houston Nutt from the University of Mississippi; Jim Tressel from Ohio State University; and Coach Emeritus Tommy Tuberville all met with servicemembers to show their military support.

"I have absolutely enjoyed meeting the men and

women serving our country," said Coach Calhoun. "It is a real honor being a part of this (coaches tour)."

While here, the coaches toured the Air Force Theater Hospital and the 332nd Expeditionary Security Forces Group. In addition, they met with hundreds of servicemembers at the Red Tail Recreation Center to sign autographs, take photos and give away T-shirts.

Soon after, the coaches headed to Killeen Field to watch an exhibition flag-football game between the Air Force and the Army.



College football coaches Troy Calhoun, U.S. Air Force Academy, Jim Tressel, Ohio State University and Jim Grobe, Wake Forest University, "coach" a flag football game between deployed Airmen and Soldiers Sunday. The coaches were there as part of the 2009 College Coaches Tour, sponsored by Armed Forces Entertainment, to enhance troop morale.



Photos by Senior Airman Tiffany Trojca

Col. Mark Mavity, 332nd Expeditionary Medical Group commander, has a shirt signed by Troy Calhoun, U.S. Air Force Academy college football coach, during Calhoun's visit there Sunday.

> "Today, we are going to have a little exhibition game against the Army, and it should be a lot of fun," said Master Sgt. Gary Austin, 332nd Expeditionary Communications Squadron and captain of the Air Force team." Both sides have some great players, and I think it will be a good game to show the coaches what we (servicemembers) are made of."

> "The coaches are here to give us a little advice and give us some motivation," added the native of Simms, Texas, deployed from Ramstein Air Base, Germany. "I'm a big Mack Brown fan, but he is on the other side of the field today with the Army, so I'm going to have to get his autograph after the game."

> Even though, three coaches motivated the Air Force team and three coaches motivated the Army team, Coach Calhoun said they weren't really rooting for either team, but just the military in general and their love for the game.

> "We are here to get a chance to see real football and, looking at these field conditions (sand and dirt), I love it," Coach Calhoun said. "Being around the military, you can tell they've got a real passion for playing football."

> After the coaches gave motivational speeches and many high-fives, the exhibition game ended with the Air Force team victorious: 21-0. However, all spirits remained high, and the coaches noticed.

> "It's the servicemembers and their attitude and spirit that make JBB a great place," Coach Calhoun said. "I hope us being here has made it fun and a little more enjoyable for them."

Intramural soccer action highlights DF skills

By Dave Castilla Intramural Sports Director

On the final night of intramural soccer, all hospital had to do was win its match against Dean of the Faculty #1 to obtain 2nd place, however, DF#1 had other ideas and won the game 4-3.

Jason Zhao and later Rich Guffey who kicked his second goal, of the year.

The medics would turn up the pressure as Yancarlo Astete, followed by coach John Thieszen scored making it 4-3. However, time ran out leaving the medics short of their season goal.

seven a team could put on the field. Coach Jeremiah Kirschman put DF# 2 up first with a goal. Later in the first half Kirschman stole the ball which led to a breakaway goal making it 2-0 at halftime.

DF#2 added to its lead in the second

final the score at 4-2.

Due to graduation week there would be no post season tournament. DF#2 took the base championship, 306 FTG took second place even though the 306 FTG, hospital and DF#1 were all tied at

Just three minutes into match, Stein Lloyd put the medics up first. Shortly after, DF#1's Rich Guffey tied it up. Sandie Wilson used her left foot to put DF#1 up 2-1 at half time.

DF#1 added to its lead with goals by

In the final game of the night, DF#2 took its undefeated record in against the tough 306 Flying Training Group. DF#2 prevailed winning 4-2 to keep its season unblemished.

DF #2 would be tested in this game since they had only five players versus the

half as Conrad Preedom made it 3-0. The flight line got on the scoreboard as Carlos Assaf scored a goal making it 3-1. Kirschman iced the game as he kicked his third goal of the night making it 4-1, Miles Marshall finished the scoring as the flyers scored an additional goal to

Each team played twice against their opponents. However, all three teams (306 FTG, Hospital and DF#1) won a series from each other, making the point differential the final tiebreaker.

Up next USAFA is looking to host the Rocky Mountain Soccer Championship.

Track and Field

INDIANAPOLIS, Ind. - A program-record five members of the Air Force track and field team were selected to compete in six events at the NCAA Division I Outdoor Track and Field Championships, the selection committee announced Tuesday from the national office in Indianapolis, Ind. The five

Falcons will join 541 other student-athletes from around the country at the national meet on Wednesday through June 13 in Fayetteville, Ark. All five Falcons earned a spot on the national roster following topfive finishes at the NCAA Midwest Regional Championships, held May 28-29. It will be the first national championship

appearance for all but one member of the Air Force contingent. Nick Frawley will be making his third consecutive appearance at the national outdoor meet, after placing third at the regional meet with an outdoor career-best clearance of 17'7". His height is tied for the ninth-best in the nation entering the NCAA Championships.

Baseball MVP

Designated hitter Matt Alexander earned team Most Valuable Player honors at the 2009 Air Force baseball seasonending banquet recently. In addition, outfielder Tytus Moss took home the Iron Bolt award.

Alexander ended the regular season leading the

Mountain West Conference with 15 home runs, 65 RBIs. He batted .383 on the year and cracked the Air Force singleseason top ten categories in homers (7th), hits (6th) and RBIs (4th). Alexander was one of 16 semifinalists for the 2009 Dick Howser Trophy, given to the top player in collegiate baseball.





Track repair

The repairs on Husky Field Track will continue through July 15. For safety reasons, the track is unavailable for use during the construction period. Call Tricia Borsos at 333-3400 for more information.

Ongoing road work

There will be partial single-lane road restrictions through late July on Southgate Blvd. from I-25 to Pine Drive, both northand south-bound lanes. The construction will continue around-the-clock until project completion. Bicycles remain prohibited on Southgate Blvd. throughout the construction. When possible, Academy drivers should use the North Gate entrance to alleviate congestion. Call Mel Peppers at 333-4242 for more information.

A&FRC offerings

The Airman and Family Readiness Center will host the following classes during June:

SCHEDDLE OF WORSHIP

CADET CHAPEL

Catholic Masses: Sunday Confession - 9:15 - 9:45 a.m. Mass - 10 a.m. Wednesday Adoration of the Blessed Sarcrament - 5:30 p.m. Confession - 5:30 p.m. Mass - 6:30 p.m. Weekday Mon., Tues. and Thurs. - 6:45 a.m.

Protestant Services: Sunday Combined Worship - 10 a.m.

<u>Jewish Services</u> No public services through Aug. 2, 2009

<u>Buddhist Worship</u> No public services through Aug. 2, 2009

<u>Muslim Prayer</u> No public services through Aug. 2, 2009

Call 333-2636 for more information

Pre-separation counseling

Held every Monday (except during TAP week); 2 to 4 p.m.

Separating or retiring from the Air Force in a year or less? This mandatory briefing identifies benefits and services associated with your transition and beyond.

Marketing yourself

Today; from 9 to 11:30 a.m.

Receive comprehensive information on resumes, cover letters, job search, networking, career fairs, interview techniques, salary negotiation, benefits packages, the current job market, and other relevant and important transition topics.

Medical records review

Monday and June 29; 7:30 a.m. to 4:30 p.m. — Those within 180 days of retirement or separation can have the DAV review their medical records.

Resume writing

Wednesday; 9 to 11 a.m. See different types of resume and cover letter styles and learn how to improve yours.

Heart link

Thursday; 8:30 a.m. to 1 p.m. (Must register by Tuesday) Married five years or less and want to know more about the Air Force? Sign up to attend this informative session.

Sponsorship training

June 16 and 30 June; 8 to 9 a.m. This class is for those sponsoring newcomers to the area. Contact your unit sponsorship monitor for details.

Troops to Teachers

June 17; 11:30 a.m. to 1:30 p.m. This workshop provides information for military members interested in beginning a second career in public education as a teacher.

Newcomer's orientation, information fair

June 18; 9 a.m. to 4:30 p.m.

This is a mandatory orientation for all newly assigned Academy members. Spouses are welcomed to attend the event held at the Milazzo Center.

The Internet and your job search June 18; 2 to 4 p.m.

Confused about how to manage myriad employment Web sites to conduct an effective Internet job search? This course targets suitable employment sites, reviewing specific job leads, researching and contacting proper employers, networking, and correctly posting and emailing your resume. at the Air Force Academy.

Veterans Affairs Benefits Briefing June 29; 8 a.m. to noon

This briefing provides valuable information on VA benefits for separating/ retiring military members.

Contact the A&FRC @ 333-3444 for any questions or to register.



Summer Concert Series

First & Main Town Center kicks off the 5th Annual First & Main Free Summer Concert Series presented by Penrose-St. Francis Health Services with the Summer Spectacular from 3 to 7 p.m. today featuring food samplings from local restaurants, special entertainment for the children including an inflatable fun center, games, prizes, a face painter, a caricature artist and giveaways for the whole family. First & Main Town Center in the park located directly in front of the Cinemark Theater on Powers Boulevard between Constitution and N. Carefree. The U2 Tribute Band, Under A Blood Red Sky, is an acclaimed U2 tribute band that passionately recreates authentic U2 concerts. Covering the War tour in 1983 to present day, each concert recreates famous U2 shows and has solidified the bands reputation for sold out venues including the world-famous Red Rocks. For more information, call 719-473-0704.

Pikes Peak or Bust

Get "Ready to Ride"-Tickets are on sale now for 69th Pikes Peak or Bust Rodeo Days.

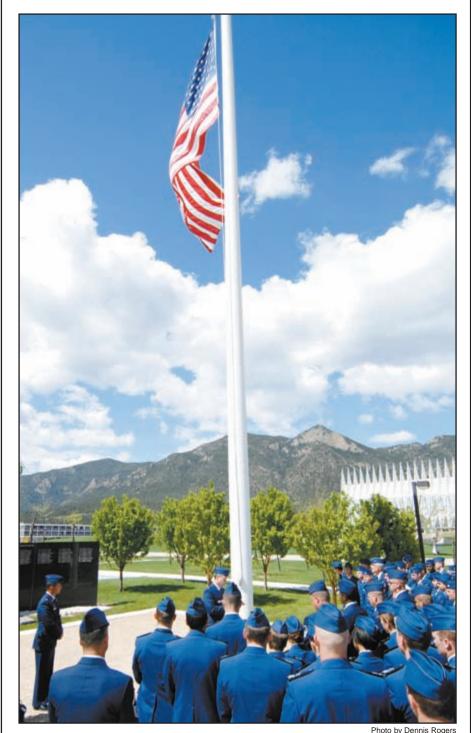
The 69th Annual Pikes Peak or Bust Rodeo returns July 8-11 to the Norris Penrose Events Center Arena as one of America's premier rodeo competitions sanctioned by the Professional Rodeo Cowboys Association.

Adult tickets range from \$10 to \$25; children, 2-12, range from \$7.50 to \$10 and the Saturday matinee is \$1.

Call TicketsWest at (866) 464-2626 or visit *www.Ticketswest.com*

The World Arena box office, Citadel Mall info booth, all King Soopers locations and the Pikes Peak Center box office also have tickets.

Call Nikki Gagner, at (719) 661-1666 or e-mail *nikki@cowboyworld mall.com* for more information.



COMMUNITY CENTER CHAPEL <u>Catholic Masses:</u> Saturday Reconciliation - 3:30 p.m. Mass - 4 p.m. Sunday Mass - 9 a.m. Religious Formation - 10:15 a.m. (September - May) Tuesday-Friday

Mass - 11:30 a.m.

Protestant Services: Wednesday Wednesday Night Live - 6 p.m. Dinner followed by Religious Education (September - May). Sunday Evangelical - 10:15 a.m. Gospel - 11:30 a.m.

<u>Paganism/Earth-centered Spirituality:</u> Contact Tech. Sgt. Longcrier at 333-6178 Robert.Longcrier@usafa.edu

TAP seminar

June 23-26; 7:30 a.m. to 4:30 p.m. Separating in a year or retiring in two years or less? Call now to reserve your spot in the next available TAP class.

Newcomer's tour

June 26; 8:45 a.m. to 2:30 p.m. This informative base tour gives insight into the Academy mission and reveals

Much of what there is to see and do

Service Before Self

Academy members pause for a brief ceremony at the Memorial Wall May 28 in honor of Class of 2006 graduate 1st Lt. Roslyn Schulte. Lieutenant Schulte was killed in action May 20 near Kabul, Afghanistan.