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ENLISTED CALL

Servicemembers are reminded of their role in the Academy's mission. **Page 3**

ABOVE AND BEYOND Academy's first female fire station captain receives service award. **Page 4**

SUICIDE PREVENTION

Warning signs discussed, avenues for assistance given. **Page 7**



Parents get a closer look



Cadet 4th Class Mark Adams and his parents, Steve and Jennifer Adams, visit with one another during Parents' Weekend. Seen in the Language Learning Center, his parents participated in one of the cadet's classroom lessons as they listened to Arabic and learned proper pronunciation. Parents' Weekend gave thousands of family members an opportunity to experience life at the Academy, with a firsthand look at the programs and facilities offered by the Air Force.

MIKE KAPLAN

Officials to get tough on personal devices on network

IISR Device

ly owned computers, but must ensure their antivirus software is up-to-date

By Don Branum Academy Spirit staff writer

The 10th Communications Squadron will clamp down on restrictions against connecting privately- owned devices to the Academy's computer networks beginning Oct. 1, 10th Mission Support Group officials announced Aug. 30.

Even connecting a personal device to a computer to charge it "poses a tremendous threat to the security" of the Academy's computer networks, according to guidance approved by 10th MSG Commander Col. Michael Addison Jr. Individuals who attach devices such as personal computers, tablets, cell phones, music players or gaming systems will immediately lose their network access, according to official

Academy policy. They will have to complete additional information assurance training, and their commanders or directors must request reinstatement of their network privileges. Officially approved cadetowned computers are authorized on USAFA's networks.

Crackdown

Individuals who violate the policy may also have their devices seized or erased and may face either disciplinary action under the Uniform Code of Military Justice or adverse civilian disciplinary action.

Cadets may use non-flash removable media such as external hard drives with their approved, personaland must scan all removable media prior to use.

Flash drives may not be used on government systems unless they meet stringent requirements set by U.S. Cyber Command. Information on the requirements is listed in Academy Guidance Memorandum 33-02, "USAFA Information Technology Enterprise Use," available online at http://1.usa.gov/R3yTBq.

Government-owned external hard drives are acceptable for use on the Academy's computer networks, but other devices such as digital cameras must be preapproved by the Academy's Designated Approval Authority. For more information contact your unit information assurance officer, the 10th Air Base Wing IA office at 333-9880, or by calling the Communications Focal Point at 333-4357.



Airmen have standards

By Tech. Sgt. Vann Miller Air Force Academy Public Affairs

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I listened to the words of Brig. Gen. Lengyel, the commandant of cadets, during the most recent enlisted call. He reminded the audience that what he needed most from us was to be role models. His sincere words gave us standards to follow and reminded us that our mission here at the Academy was to help a select few young volunteers learn these standards and become second lieutenants.

As his thoughtful words and direction hit me, I could not help but reflect on my time here at this institution. In so many ways, this base is unlike anything I've ever experienced before: Cadets running on white marble strips, sporting events that bring base traffic to an incredible crawl and base visitors asking to pose with me in front of the base chapel. Even the majestic landscape serves as a daily reminder of how in this environment we are looked at with such great scrutiny. But I have to admit, it has been an honor.

The cadets here are expected to excel at some amazingly remarkable feats. Whether, it's working hand-in-hand with NASA to test an experimental satellite's operation, jumping from an airplane as part of a parachute demonstration team for Parents' Weekend, or submitting footage of the dance and cheer team for a Sunday Night Football

The reason the cadets are able to accomplish so much in the four years is not because they are made up of some magical components. The reason is simply about choice. They choose to excel."

promotion — each of which happened in the past few weeks — these cadets personify excellence.

The reason the cadets are able to accomplish so much in the four years is not because they are made up of some magical components. The reason is simply about choice. They choose to excel.

I'm glad I went to the enlisted call. Hearing the general's request to be a role model made it fresh in my mind that the standards are important. Those standards make us proud to be part of an institution that produces some truly remarkable people. While I come up on my one year anniversary of being assigned to the Academy, I look forward to the challenge of making my next year even more spectacular than the previous one. And because we all embrace standards, I know my fellow Airmen share this goal.

Donations spark interest in space

The Academy's Astronautics Department continues to generate enthusiasm for careers in Science, Technology, Engineering and Math, or STEM, by donating four surplus spacecraft models to the Discovery Canyon Campus Aug. 30.

The department was cleaning up its laboratory and, rather than putting the unused items back into storage or disposing of them, they decided to donate them to a local school, according to Col. Marty France, the Astronautics Department head.

"With our department being almost 55 years old, we've accumulated a lot of great models and donations from Air Force organizations and industry — many that are historically significant," France said. "But we just don't have room for all of them anymore. One of our lab technicians, Tech. Sgt. Chris Smith, suggested that we donate them to Discovery Canyon to help motivate the kids there. We thought it was a great idea but waited until the school year started so that we could make sure it was done right and kids could participate." The department routinely hosts student groups to tour their satellite facilities in Fairchild Hall and learn about the cadet-built FalconSAT program and other aspects of space, but this was the first time the Academy donated actual space hardware to a local school. The department donated quarterscale models of a Defense Support Program satellite, a Defense Satellite Communications System satellite



and a 1/6 scale model of the Mercu- long-time relationship with District ry Capsule that John Glenn flew in 20 also made this a natural connecto become the first American to or- tion — something both Hatchell bit the Earth. They also donated an and Barlow praised. the backup for the Explorer 20 satellite that was launched on August 25, 1964 and its mission was to measure the top side of the ionosphere. "In the early days of the Space Era it was common to build two models of spacecraft in case anything went wrong in final testing before launch, or if a launch failed," France said. "We were very fortunate to have Explorer 20 donated to us and now feel honored that it's found a home at Discovery Canyon." The Academy's Research Office helped clear the donations through minor legal obstacles and arranged for local media and representatives from District 20 to attend, including District 20 Superintendent Dr. Mark Hatcell and Col. Neal Barlow, head of the Aeronautics Department and the Academy's liaison to the District 20 School Board. The Academy's

Discovery Canyon students admire the 1/6 scale model of the Mercury Capsule donated by the Academy's Astronautics Department Aug. 30. The model is a replica of the capsule that John Glenn flew in to become the first American to orbit the Earth.

actual Explorer 20 satellite, that was Discovery Canyon Principal Christina Serola said receiving the gift was an honor. She intends to place one model in each of the four campuses at Discovery Canyon so that all of the children at the K-12 school can see them on a daily basis. "We want to do anything we can to motivate kids to study math and science, but there's more to space than just math and science," France said. "Space can motivate kids to be creative writers, to study history, and to better understand geography, too." Barlow, France and Hatchell challenged the students to use the models as daily motivation to achieve their goals. They were tasked to challenge their teachers, too, by asking more questions about the spacecraft: how they get to space, how they stay in space once placed there, what missions they perform, and how those missions affect our daily lives.



To responsibly inform and educate the Academy community and the public about the Air Force Academy

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Commandant, command chief ask enlisted to act as role models for cadets

creating

Force core

mind

By Amber Baillie Academy Spirit staff writer

The Academy's commandant of cadets, command chief master sergeant and two Airmen spoke to enlisted members on wingmanship, communication and how to be a role model here Sept. 4 during an enlisted call in Arnold Hall Theater.

Commandant of Cadets Brig. Gen. Gregory Lengyel opened the presentation and told Airmen they should act as role models to cadets by helping them understand the Air Force core values: Integrity First, Service Before Self and Excellence in All We Do.

"Any chance you have to work with these cadets, please recognize they are college students who we are trying to turn into Air Force officers," Lengyel said. "They are very capable, bright, dedicated and need your help."

Airmen need to practice the core values in order to make a difference to prospective lieutenants, Lengyel said.

"Every cadet is a volunteer just like every one of you in this audience," Lengyel said. "They have joined us and need to understand because they're joining our organization. We expect them to adapt to our standards. We're not going to change our core values as an organization to accommodate



Chief Master Sgt. Stephen Ludwig

values." Lengyel is not an Academy graduate but said his 27 years in the service have made him

successful. "What I have discovered in 27 years is that the units who have the highest standards, maintain good order and discipline are the best performing units and have the highest morale," Lengyel said. "The reason for that is because people are proud to be associated with them and proud to be a

part of them." Airmen should be proud of the Academy's program and respect the rigorous standards cadets must follow, Lengyel said.

"It is a very strict code," Lengyel said. "There are few college students in the United States who are held to the same level of scrutiny as cadets here. They sacrifice a lot of their freedoms other college students around this nation enjoy."

Lengyel added that no form of discrimination should be tolerated here or anywhere else in the Air Force.

"The sexual assault case that happened at Lackland Air Force Base took place for the same reason it could happen here," Lengyel said. "In an environment where there is a hierarchy with a superior and subordinate, there is always potential to misuse power. We won't tolerate it and as role models you should never tolerate it or do it yourselves."

Chief Master Sgt. Stephen Ludwig said Airmen must understand Air Force standards in order to communicate accurately with other servicemembers and through social media.

"Messaging is important, such as when you have young airmen show up at your organization you can teach them the right way, right from the start and take good care of them," Ludwig said.

Ludwig said Airmen can always talk to their command chief.

"My door is always open, and my phone is always on," Ludwig said. "If you have an issue you would like to talk to me about, come and see me because I am here to make sure we're taking care of business the right way. There shouldn't be any break that eliminates communication at any step of the enlisted corps."

Airmen 1st Class Casey Nation and Christen Neel spoke on the importance of wingmanship in the Air Force.

Nation said combat control school was where he first learned the significance of having a wingman.

"Working as a team is the greatest thing that has ever happened to me," Nation said. "My teammates helped me get through the school. It's about helping each other every step of the way because if you're going to tough it out, you should tough it out together so your wingmen are right next to you physically or mentally. No matter where I go, the wingman concept still stays the same."

Neel said it was her supervisor Staff Sgt.Terrell Powell, a surgical technician at the 10th Medical Group, who taught her about commitment and her role as a wingman.

Neel said Powell went out of his way to make sure she arrived safely to the Academy and made her feel extremely welcome.

"His multiple acts of hospitality are something I will carry over when I become a noncommissioned officer because I know firsthand how much it means to have a wingman the first day of arrival," Neel said.

AFA solar array saves taxpayers \$802K in 1st year

By Amber Baillie Academy Spirit staff writer

After a year of operation, the data is in. The Academy has received roughly seven and half percent more power than anticipated from the 6-megawatt solar array project that began production last summer.

Eighteen thousand eight hundred and eighty-eight solar panels were installed along 41 acres on the Academy's southeast corner and began operation for renewable energy on July 1, 2011. Since then the project has provided the Academy 12.5 million kilowatt hours in power when it was originally estimated to provide only 11.6 million kilowatt hours in power.

"The project is finished and now we're reaping the benefits from it," said Russell Hume, a mechanical engineer with the Academy's Directorate of Installations. "We're making sure it produces within a reasonable measure of what we anticipated and we're above what we predicted, so that's good news." The \$18.3 million project was awarded to Colorado Springs Utilities who subcontracted to SunPower Corp. in August 2009 through funds from the American Recovery and Reinvestment Act. Also in 2009, the Academy was chosen as the net zero installation for the Air Force, and this project is one way the Academy has strived to meet the energy goals of the Defense Department's Net Zero Energy Installation initiative. "The panels have produced 12 percent of the Academy's overall electricity needs," Hume said. "As we target net zero, electrical energy is relatively easy to produce, but thermal energy is much more of a challenge.

Our thermal load is currently met by natural gas and a renewable replacement fuel source for natural gas is very difficult to find."

In the first year of operation, the Academy has saved \$802,000 in avoided power purchases, Hume said.

"We estimated we would only save \$550,000 in direct power savings, so \$802,000 is the great news," Hume said.

The array uses Sunpower Corp.'s T0 tracker tech-



nology. The panels don't tilt to the south, like many fixed-axis

but rather remain

east to west.

"The panels sit on top of long square tubes connected to motors that draw power directly from the panels and rotate the panels throughout the day. The degree of rotation is based on the normal weather cycle and where the sun should be based on astronomy."

Hume said the main driver of the project has been to save money and allow the Academy to refocus the money spent on utilities toward the direct mission, instead of mission support.

"In these fiscally austere times, we need to focus our resources on the COURTESY PHOTO

arrays The Academy's solar array is situated on 41 acres of land on the southeast corner adjacent to Interstate 25. Four across the country, thousand seven hundred and eighty-three posts and 18,888 panels were installed to provide renewable energy.

flat and track the sun as it moves from mission. So being green is great, but

saving money is equally important" Hume said. "The great thing with energy, and projects like the array, is that it crosses operational and educational boundaries. I have been able to work closely with the Dean of Faculty and other staff to get cadets involved by showing them the solar array site. We want to expose cadets to solar energy so they can take it forward in their Air Force careers and apply it where necessary."

Hume said the Academy continues to take steps in the net zero initiative to meet the Air Force's desire to save on energy costs and meet legislative mandates.

"Executive Order 13514 requires that all new federal buildings must be designed to achieve zero net energy by 2030 and after 2030, every building we create is supposed to be net zero," Hume said. "Also, beginning in 2025 the National Defense Authorization Act of 2010 requires us to either produce or purchase renewable energy totaling 25 percent of our total energy per year."

The economic life of the array is 30 years, Hume said.

"We're one down and have 29 more to go," Hume said. "At this point, everything is looking good."

Academy firefighter to receive national award

By Don Branum

Academy Spirit staff writer

An Air Force Academy firefighter will receive the National Image, Inc., Meritorious Service Award during a presentation in Los Angeles Thursday.

Elaine Perkins, a Honolulu native and captain of Fire Station 3, won the award for numerous achievements, including a 15-percent improvement in emergency response time and actions that saved at least one person's life during a vehicle accident on Interstate 25.

Perkins, the Academy's first female station captain, joined the Academy Fire Department in January 1998 after serving four years on active duty at Eglin Air Force Base, Fla., and two months of civil service with the Army in Atlanta.

"I love working here," she said. "They've been very good to me, and I want to pay them back for everything. I am very loyal."

Ken Helgerson, the Academy's deputy fire chief, said Perkins' loyalty and performance made her a perfect choice for the award.

"Elaine Perkins has always been a top performer and is a role model for our military firefighters," Helgerson said. "I thought this award was a great way to highlight her efforts, and I am certainly glad she was selected."

Because the award nomination was submitted earlier in the year, it did not include Perkins' contributions to the Waldo Canyon fire. She was among the firefighters who responded June 23 to the Cedar Heights subdivision of Colorado Springs to try and protect the city's southwestern borders. She also helped protect the Peregrine subdivision and the Air Force Academy's southwestern border June 26-29.

"It was like a once-in-a-lifetime fire," Perkins said, searching for words to adequately describe it. "It made you feel ... you wanted to help, but you knew you were too small to help, but you were trying to do your part." Perkins said she experienced a whirlwind of emotions as she watched and fought the fire.

"You're excited, you're scared, you're curious ... and then you're also ... at one point, I felt helpless," she said. "I thought, 'Oh, my God, this could be devastating.' We were lucky that we were able to stop it from touching any structures on the Air Force Academy because ... if it had gone past the

Air Force Academy, the last stand would have been at Mount Herman, and that's in Palmer Lake.

"It could have destroyed a lot of historical buildings on the Air Force Academy. If it had gotten past us ... 343 houses in Mountain Shadows would have been just a drop in the bucket," she added. "I was scared that if (a fire started) in Black Forest, the Springs would be trapped in-between, and that would be ... I don't know. We were just eager to help. Luckily, we held it here, on our southern boundary."

Most of a station captain's duties are supervisory, involving time cards and facility management, but that doesn't stop Perkins from hopping into an engine.

"It always depends on staffing: I could ride the engine one day or a rescue truck depending on what's needed," she said. "I try to keep versatile, to fill in positions. ... Nowa-days we work more with less, so you get thrown into positions wherever you're needed."

Most of the responses from Perkins' station involve in-flight emergencies at the airfield or structural emergencies for the buildings along the airfield. However, Station 3 also responds to



Elaine Perkins has always been a top performer and is a role model for our military firefighters ..."

- Ken Helgerson, Academy deputy fire chief

incidents along a seven-mile stretch of Interstate 25, from Mile Markers 151 to 157.

"Part of that strip is Air Force property, so we get to run on the interstate," she said. "It keeps us busy, especially in the winter. It gives us some experience and a chance to use our skills. So we don't tend to only military; the civilian population gets to see us every

to see us ev

once in a while." In one vehicle accident, Perkins served as the lead medic, saving the life of a victim with life-threatening injuries, according to the award citation.

However, not every emergency is easily accessible. A number of Perkins' responses involved injured hikers or bicyclists along the Academy's mountainous west side and the rugged Falcon Trail.

Perkins also holds part of a world record in the Firefighter Combat Challenge. She and four other firefighters -- Andrea Caraway and Senior Airman Jessica Condon from the Academy Fire Department and Stacey Billapando and Lisa Smith from the Colorado Springs Fire Department -- set the record for fastest women's relay in 2009 with a time of 1:44.49. The record still stands today.

"Our team is retired now," Perkins said. "(Condon) left the Air Force and became a college student. Now she's in school to be a nurse. It just wouldn't be the same without her and the five of us."

Perkins' competitive streak extends to her Station 3 firefighting team and helps explain the 15-percent turnout and travel time. The crews would "race" one another to see who could prepare for a response in the shortest time. She said she'd rib her teammates with statements like, "You can't let this old lady beat you!"

"In 60 seconds, we have to be bunkered out (in full personal protective equipment), in the truck and ready to go," Perkins explained. "It's one of those things -- it's a crew thing. We're just pushing each other and making sure we're taking care of each other and watching out.

"It doesn't hurt to make it fun, either. There's always this competitive air, especially with men. If a girl's on the truck, they can't let a girl beat them," Perkins added with a laugh. It's a friendly rivalry she's comfortable with, having grown up in a home with four younger brothers. She's similarly outnumbered at home, with her husband, Travis, and their twin boys, who turned 9 on Aug. 31.

"We were telephone interviewed ... about a second apart," Perkins recalled. "They called and interviewed me, and then they called him to get an interview, too. That's why I say I'm very indebted to this department, because they hired both of us."

Balancing work and home life took effort. For several years, Perkins said, she and Travis were essentially single parents: Each took a different 24-hour shift so one parent could be home with the twins.

"When the boys were born, we couldn't afford a nanny, so we were both on different shifts for three years. We'd come and visit each other for dinner, but ... the boys either saw me, or they saw him," she said. "But now I'm really lucky because my mother-in-law watches them while we're at work, so we're able to be on the same shift now."

Items on Perkins' "bucket list" include planting 100 trees, donating 100 inches of hair and giving 100 gallons of blood before she retires. She's taken strides toward the latter goal, having donated a lifetime total of 8 gallons of blood.

"Even though in movies and shows like 'True Blood' where they create

synthetic blood, there's no way you can create synthetic blood," said Perkins, who donates platelets every few weeks. "So I just feel a need to give blood, to help out, because it helps save a life.

Elaine Perkins, right, takes the baton from Stacey Billapando during the 2011 Firefighter Combat Challenge world finals. Perkins and Billapando are two of the founders of the Fire Fembots team, an all-woman firefighter team that has won three world titles in the firefighter combat challenge, with the latest world title earned in 2011.



"I'm just sad because once you hit 5 gallons, they (the Red Cross) invite you to dinner, and when we went to the annual dinner, all I saw was a sea of white hair," she continued. "The younger generation isn't doing it. I need to find out a way to get more people my age to donate, because it's in high demand."

Perkins thanked the Fire Department for the award, saying she was honored and humbled.

"It makes me happy that they think of me this way," she said. "I never want to disappoint them, because they have taken good care of me here."

JOHN VAN WINKLE

Academy clinic ready for flu season

The 10th Medical Group's Immunization Clinic will begin offering the influenza vaccine for ages 2 years and older on Tuesday.

The flu shot does not guarantee prevention of influenza, but it does decrease risk of infection as well as minimize duration of symptoms should infection occur, according to immunization clinic officials.

This year's flu vaccine contains H1N1 as well as other common flu strains.

People of all ages are encouraged to get the flu vaccine, but certain patients are at higher risk and are highly encouraged to get the vaccine. Higher risk patients include: All children 6 months to 18 years old, Adults 50 and over, pregnant women, nursing homes/chronic care facility residents and adults with chronic medical conditions (such as lung disease and asthma, heart problems, metabolic diseases including diabetes, kidney



ELIZABETH ANDREWS

Staff Sgt. Melissa Baxter, an immunization technician with the 10th Aerospace Medicine Squadron, administers a flu shot to 10th Air Base Wing Commander Col. Tim Gibson Tuesday. Flu shots are now available at the clinic.

INFLUENZA VACCINATIONS

- 10th MDG's Main Clinic Lobby
- 1-3 p.m. on weekdays
- 8 a.m. to noon weekdays Tuesday through Sept. 21

disease, immune system suppression, blood disorders and neurological conditions.) In addition, anyone who lives with or cares for people in the high-risk category should receive the influenza vaccine annually. This also includes contact with children under 6 months.

Flu vaccines will be given on a walkin basis (no appointment necessary) at the 10th MDG's Main Clinic Lobby (next to the Pharmacy). Hours of operation are: 1-3 p.m. on weekdays, and from 8 a.m. to noon on weekdays Tuesday through Sept. 21.

Customers will be treated on a firstcome, first-served basis.

The clinic will close in order to support Cadet Immunizations, which are tentatively scheduled for Oct. 1-5 or Oct. 8-12. Those dates are subject to change, so please call the Immunizations clinic front desk at 333-5080, to verify, or if you have additional questions.



AGADEMY SPIRIT FRIDAY, SEPTEMBER 7, 2012



Cadet 1st Class Heather Nelson, left, 2nd Lt. Samantha Latch, right and physics instructor Trey Quiller, center, watch the deployment of the FalconSAT-7 payload while in zero gravity. The FalconSAT-7 payload is a photon sieve, a membrane with billions of holes that duplicates the function of a traditional lens, but folds into a smaller space. The payload deploys within two seconds.

Physics researchers enter zero-g environment for FalconSAT

By John Van Winkle Air Force Academy Public Affairs

Academy researchers went into zero gravity aboard a NASA aircraft Aug. 26 to test a new patented optical telescope that can expand the capabilities of space-based imagery.

Cadet 1st Class Heather Nelson, 2nd Lt. Samantha Latch, Trey Quiller, Dr. Michael Dearborn and Dr. Geoff McHarg from the Academy went weightless to test payload deployment of the Academy's FalconSAT-7 satellite.

The zero-gravity test experience came courtesy of the NASA Reduced Gravity Research Program and the contract Boeing 727 it uses for research and astronaut training. The aircraft lifted off from Houston. Once over its test area, it flew a series of parabolic arcs that produce periods of weightlessness at the top of the flight arc for 20 seconds at a time, and stronger gravity at the bottom of the airborne roller coaster ride.

This was the first time the payload and Academy researchers have performed tests in less than full gravity.

"The zero-g experience is unlike anything you can possibly describe to someone who has only ever experienced a 1g environment," said Cadet 1st Class Heather Nelson, an astronautical engineering major from Cadet Squadron 16. "For the first parabolas, they have you lay back on your back so your inner ear has a better chance to adjust. When you hit the 1.8g pullouts you feel like you are being pushed into the floor of the plane — but not like you are being pressed, more like you sink in farther because you weigh more. When you hit the 0g portions you just float off the floor. It's sort of like doing a deadman's float in a pool," she added. "At first we didn't work in the 1.8g portions because your limbs become very heavy and it is somewhat difficult to move, but as we got more used to the gravity changes we started to work when the gravity was about 1.6g. I'm not sure it can meet or fail to meet

expectations because you really have no idea what to expect," said Nelson. "It was as amazing as I had hoped it would be. I literally couldn't stop smiling."

Her fellow researchers agreed that the zero-gravity adventure was a oncein-a-lifetime experience.

"The very first parabola was watching everyone have wide-eyed excitement," said Trey Quiller, a mechanical engineer with the Academy's Space Physics and Atmospheric Research Center. "Getting used to the new environment took three or four zerogravity portions to figure out how to move and not run into other people on the aircraft. After that, it was quite easy to maneuver because it took very little work and force to do anything.

"The experience was nothing like anything I expected at all. I expected the flight to be very similar to riding a roller coaster, and I don't like roller coasters; but it was nothing like that," he added. "You go from feeling very heavy and having a hard time moving at 1.8g, loading straight into the feeling of nothing. There was no falling sensation or anything in the pit of my stomach – just nothing."

Each of the Physics Department researchers can claim to be the first Academy research team to hit zero gravity while at the Academy. That's especially true for Nelson, who is now the first Academy cadet to go into zero-g.

"Everyone I've been telling is super jealous and tells me that I got the coolest research project," she added. "I can't help but agree with them. I have had the amazing opportunity to work with a great team on a cutting edge program and for that I am very thankful!"

That research project was the Academy's latest satellite, FalconSAT-7, and its sole payload is a new optical telescope known as a photon sieve.

"We designed the test to deploy the photon sieve from the satellite," said Latch. "We have a fairly complicated delivery system for the payload. It starts off in a box. Once it's in orbit, we'll ping the satellite to make sure it's alive, and then issue the command to deploy the payload."

Latch, a 2012 Academy graduate, worked on this project while a cadet and physics major last year. Previous research on membrane folding for other projects and her later work with the satellite and payload brought her back to the Academy on temporary duty. She will now help process test data and return to her regular duties at the 80th Operations Support Squadron at Sheppard AFB, Texas, while awaiting her start date for pilot training. But she'll add her zero-gravity experience to her latest list of accomplishments and follow the progress of the FalconSAT-7 project.

NASA would have made a larger Hubble if they had a larger spacecraft to launch it."

The reason FalconSAT-7 can deploy a proportionately large telescope is that instead of traditional optics, it is using a new type of optic called a photon sieve. The photon sieve was created and patented by Dr. Geoff Andersen, a researcher at the Air Force Academy's Laser and Optics Research Center.

"The photon sieve is a thin membrane with of billions of tiny holes, each of which causes diffraction," said McHarg. "The holes are cleverly arranged to add up correctly to make an image. The photon sieve is made from a very thin membrane material — much like plastic wrap used in a kitchen — that can be rolled into a small space, and stowed into our little spacecraft."

FalconSAT-7 is indeed small, measuring 30 centimeters in depth and 10 centimeters in both length and width. Once in orbit, the satellite will open to release three arms that stretch the photon sieve's metal membrane in only two seconds, deploying a 10-inch diameter telescope. This will become the world's first space-based membrane telescope.



Cadet 1st Class Heather Nelson, left, flips a Physics Department coin in zero gravity, while 2nd Lt. Samantha Latch, Class of 2012, does her own zero acrobatics. Once deployed, the photo sieve will take images of the sun.

"If we can demonstrate that this works, it opens up the possibility of putting larger telescopes on small satellites," said McHarg, SPARC's director. "This is critical for both NASA and the Defense Department because the resolution of a telescope is dictated by the size of the primary optic. Traditional space-based telescope optics are limited to the size of the host spacecraft. For instance, the Hubble Space Telescope is the size it is because it had to fit inside the Space Shuttle.

"The microgravity flights made possible by the Space Test Program and the NASA Reduced Gravity Office were vitally important to our FalconSAT-7 program because it demonstrated that the basic deployment mechanism we have will work in a reduced gravity environment, and does not become fouled in the process," said McHarg. "On the technical side we found that our packing scheme does work, and that when the telescope deploys — pops out like a jack in the box — it does not make the spacecraft tumble."

FalconSAT-7 is a collaboration between the National Reconnaissance Office, Defense Advanced Projects Research Agency, Air Force Office of Scientific Research, Air Force Institute of Technology, NASA, MMA Design and the Air Force Research Laboratory, and is slated for launch in 2014.

Participants in the 2009 Southeast Colorado Susan G. Koman Race for the Cure pose during race day activities. More than 100 cadets will volunteer for the 2012 race, scheduled for Sept. 8-9 at Garden of the Gods Park in Colorado Springs.



Cadets, staff to volunteer at 'Race for the Cure'

By Don Branum Academy Spirit staff writer

More than 100 Air Force Academy cadets and staff members will take part as volunteers and runners for Susan G. Komen Race for the Cure events Saturday and Sunday at Garden of the Gods Park in western Colorado Springs.

Academy volunteers, organized primarily through Cadet Squadron 11, comprise roughly one third of the total volunteer numbers for this year's event, said Sharon Owen, the Race for the Cure chairwoman.

"These cadets work so hard, Saturday and Sunday," said Owen, a 1986 Academy graduate. "They're so professional, so nice. Everyone loves to have cadets on their volunteer teams."

Cadet 1st Class Kelsey Garcia and Cadet 2nd Class Loyd Bradley are the cadets in charge for the Academy's volunteer efforts. Bradley manages the project, with Garcia working in an advisory role.

Bradley said he became involved after researching the Southeast Colorado Susan G. Komen affiliate.

"I read about what it stood for and where the money went. I told Kelsey I'd definitely be interested if she was willing to work with me," said Bradley, a native of Arlington, Texas.

Garcia managed the volunteer effort in 2011, helping to raise more than nors to participate in the fund-raising

\$168,000 for the local affiliate's keystone fund-raising event.

"I was involved with Relay For Life in high school," said Garcia, who is originally from Key Largo, Fla. "It's a similar organization. A few of our family friends were affected, and that's how we got involved."

Cadets will work at this year's race from 9 a.m.-4 p.m. on Saturday and from 4:30 a.m.-2 p.m. on Sunday.

The Race for the Cure consists of three events. Registering for any of the three allows donors to participate in the races on Sunday.

The first event, held in Rock Ledge Ranch Saturday at 2 p.m., is "Pooches in Pink." Sue Christensen, the special plans and events specialist for the Academy's Plans, Programs and Institutional Events Directorate, is the chairwoman for that event.

"This is an event for people who don't want to get up early for the 5k run or who would just like to enjoy a leisurely walk with their pets," Christensen said. "It's a chance to bring other sociable dogs out."

Dogs from the National Mill Dog Rescue in Peyton, Colo., will participate in a canine fashion show, Christensen said.

"It's a nice event in that it supports Susan G. Komen and also gets rescue dogs adopted," she said.

A "Sleep-in for the Cure" allows do-

portion of the event without having to get out of bed early for the race.

The 5k race begins Sunday at 8 a.m., with a 5k walk starting at 8:20 a.m. and a 1k family walk at 8:45 a.m. All races will be self-timed. Race officials will present awards to the top male, top female and top survivor finishers in the 5k run. Sunday events will also include a breakfast and a tribute to breast cancer survivors.

Registration starts at \$30 per adult, \$15 per child ages 5-15 and \$10 per dog for the Pooches in Pink event. Those who wish to participate may register online at http://www.komensecolorado. org/register or in person at Garden of the Gods on race day beginning at 5:30 a.m. Other registration locations include Citadel Mall and Chapel Hills Mall in Colorado Springs, the Robert Hoag Rawlings Public Library in Pueblo and the City Market in Woodland Park.

The Southeast Colorado Komen affiliate raised about \$400,000 in all last year, \$300,000 of which went to organizations in El Paso, Teller and Pueblo counties that are devoted to preventing, fighting and educating people about breast cancer. The remaining \$100,000 contributed to nationallevel breast cancer research, Owen said. The list of current grant recipients is available online at http://www. komensecolorado.org/grants/currentgrant-recipients.



Unsolicited Goods and Colorado Law

Have you ever received items that you did not order? Colorado has an "unsolicited goods" statute. Under the statute, an unsolicited good means a "contractual obligations or other tangible or intangible property or services delivered to a person who has not ordered, solicited or agreed to purchase them, but shall not include tangible or intangible goods or services which are misdirected, misdelivered or offered in good faith in substitution for goods solicited by the recipient."

If you receive an unsolicited good, you have the right to refuse to accept delivery of the goods and you are not bound to return such goods to the sender. If they are addressed to you, such an unsolicited good shall be deemed a gift to you, and you may use it or dispose of it in any manner you see fit without any obligation to the sender. It is illegal for the sender of an unsolicited good to attempt to bill you or collect for that unsolicited good.

Please do not hesitate to contact the Academy's legal office at 333-3940 for assistance.

Suicide: 'Not on my watch'

By Capt. Alicia Dudley Suicide Prevention Program Manager

Suicides continue to be a problem in the general society, as well as the military. From Jan. 1, 2011, to Aug. 8, 2012, there have been 534 active duty suicides. The numbers have increased in 2012. Continuous efforts have been made to address this problem; however, there is still more to be done.

care and support. Changes may be exhibited in one or more of the following: mood, concentration, sleep, energy level or appetite. Other areas of concern include, but are not limited to: increased substance use, impulse control, reduced capacity for enjoyment, a sense of helplessness or hopelessness or becoming withdrawn or more argumentative. Work performance, military bearing, personal hygiene and grooming as well as signs of ineffective problem-solving can also be warning signs. If you have noticed some of these changes and are concerned about someone, use the acronym ACE to help discuss suicide. • Ask: Ask directly about thoughts of suicide without being judgmental, such as, "Have you had any thoughts of hurting or killing yourself?" Never promise to keep thoughts of suicide a secret or criticize someone's thoughts or feelings. Always take indicators of suicide risk seriously. Accept distressed thoughts or feelings as an indication of the person's distress and need for help.



ing himself or herself. The person may be so intent on suicide that they become dangerous to those attempting to help them. Furthermore, if possible, remove all potential means of self-harm such as firearms, pills, knives, rope and machinery from the area.

There are several agencies that offer care. On base there are Mental

September is Suicide Prevention Month. The goal of the medical providers here is to increase awareness and advocacy about suicide prevention, according to one official.

"One of the greatest tools for suicide intervention and prevention is for people to know the warning signs," said Capt. Sarah Robbins, psychiatric nurse practitioner from the 10th Medical Group Mental Health Clinic.

Robbins added that people should know what to do in an emergency.

"Co-workers, family and friends are in the best position to recognize behavioral changes," said Robbins.

By discussing these changes with the individual they can help provide

• Care: Express care and concern for the distress the person is feeling, along with a desire to help. Accept his thoughts and feelings without being judgmental, express your desire to get him help and support him through a difficult time.

• Escort: Escort the person to help. Don't leave him alone; get him to a medical facility, chaplain, commander or other authority who can help. Don't ignore the problem or expect the situation to improve; act immediately to get them to help.

If you or someone you know is having suicidal thoughts, get unit leaders or Security Forces involved as necessary to protect the person from harm-

Health Clinic personnel, chaplains, Employee Assistance Program personnel and Military and Family Life Consultants available for treatment. Off-base therapists are available through Tricare, support groups and Military One Source.

For immediate assistance, call the national crisis hotline: 1-800-273-TALK (8255) or, on base, during duty hours 7:30 a.m. to 4:30 p.m., call or visit the Academy Mental Health Clinic, 333-517. In an emergency or after duty-hours, go to the nearest emergency room or call 911.

"If you are concerned for someone you know, please seek appropriate help," said Robbins. "Be proactive in the care of yourself and your wingman."

For more information, visit http:// www.wingmanonline.org/Home or call 333-5177.

AGADEMY SPIRIT

FRIDAY, SEPTEMBER 7, 2012

Follow the Air Force Falcons

FALCONS VS MICHIGAN WOLVERINES

Saturday, kick off at Michigan Stadium at 1:30 MST

Televised on ABC or ESPN 2

On the radio on KVOR AM 740 in Colorado Springs and 104.3 in Denver

GAME FACTS:

Air Force will be playing for the second time at Michigan ... The teams first played in 1964 in Ann Arbor, a 24-7 win for Michigan ... Air Force is 3-2 in week two of the season under head coach Troy Calhoun ... Air Force is 16-71-4 all-time vs. ranked teams ... Air Force is facing a ranked team for the first time since playing at Boise State on Oct. 22 of last season ... The largest crowd Air Force has ever played in front of is 105,466 at Tennessee in 2006 ... Wolverines Stadium has a capacity of 109,901 ... Air Force is 3-2 in its first road game of the season under head coach Troy Calhoun ... The Falcons were 3-2 in road games last season and won their last road game at Colorado State, 45-21, last season ... Michigan's ranking reflects last week's ranking, as the updated rankings for this week are not available until Tuesday. COACHES

• Air Force: Troy Calhoun (Air Force, 1989) is in his sixth season. He has led the Falcons to a 42-24 career record. Calhoun is 24-15 in MWC games, 18-9 in non-conference games, 24-8 in Falcon Stadium, 14-12 in road games (11-7 in MW road games) and 2-3 in bowl games.

• Michigan: Brady Hoke (Ball State, 1982) is in his second season. He has led the Wolverines to an 11-3 mark. Hoke has a 58-53 career mark in his 10th season. Hoke is 1-1 in his career vs. Air Force with both games coming while he was at San Diego State. AIR FORCE VS. RANKED

TEAMS: 1(71.4.11.4)

• Air Force is 16-71-4 all-time vs. ranked teams.

• The Falcons were 0-2 vs. ranked teams last season, falling at Boise State and vs. TCU.

• Air Force's last win over a ranked team was vs. BYU, 31-14, in 2010 in Falcon Stadium.

• Air Force's last win over a ranked team on the road was at California, 23-21, in 2002.

• The highest ranked team Air Force has beaten on the road is Notre Dame in 1995 (W 20-17 OT).

• Air Force has played two or more ranked teams every year since 2008.

A LOOK AT MICHIGAN:

Michigan's first year of football was in 1879... The program has an all-time record of 895-311-36 ... Michigan was won 11 national championships, 42 conference championships and gone to 41 bowl games ... The Wolverines have had 23 undefeated seasons and 26 10-win seasons ... There have been 125 first-team All-Americans play at Michigan, including 78 consensus ... Senior QB Denard Robinson is on the Maxwell, Davey O'Brien, Walter Camp and Manning Award watch lists ... Senior kicker Brendan Gibbons joins Air Force's Parker Herrington on the Lou Groza National Placekicker watch list ... Michigan is 14-4 in September the last six seasons ... The Wolverines return 13 starters from last season, including six on offense and seven on defense ... Michigan dropped its season opener last week vs. Alabama, 41-14, in Cowboys Statium.

LAST WEEK:

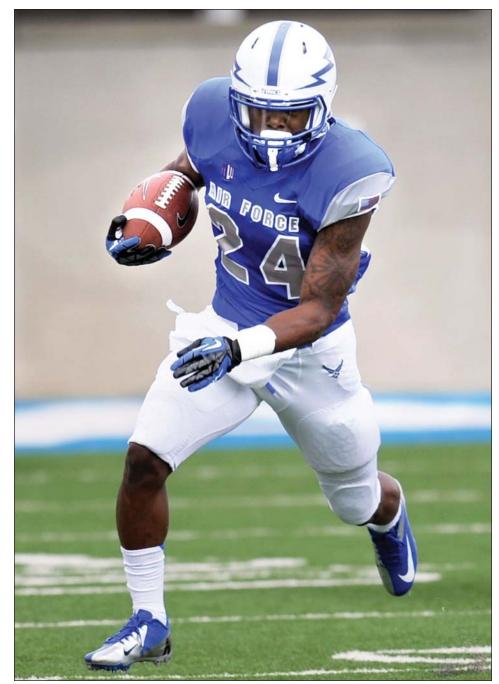
Air Force rushed past Idaho State, 49-21, in Falcon Stadium. Senior Cody Getz rushed for career highs of 218 yards and three touchdowns to lead the Falcons. Air Force rushed for 484 yards and rolled up 626 total yards en route to the victory. Getz scored Air Force's first three touchdowns of the day on runs of nine, a career-long 63 and 41 yards to give the Falcons a 21-0 lead midway through the second quarter. Jon Lee added a touchdown run to give the Falcons a 28-0 halftime lead. The teams exchanged touchdowns in the second half with Air Force getting touchdown runs from



Left: Senior placekicker Parker Herrington goes for an extra point during Saturday's action at Falcon Stadium.

Below: Jon Lee ran for a touchdown and added 69 yards to the Falcon's offensive yards during last week's game against Idaho State.

MIKE KAPLAN



RAYMOND MCCOY

Mike DeWitt (seven yards), Connor Dietz (49 yards) and Colton Huntsman (12 yards). Dietz added 74 yards on seven carries while hitting 8-of-11 passes for 142 yards. Lee added 69 yards rushing. The defense was led by Steffon Batts and Austin Niklas with

11 tackles each. Batts added an interception while Jared Jones chipped in with nine tackles and a sack. Idaho State finished with 431 total yards. Quarterback Kevin Yost hit 41-of-52 passes for 355 yards and two touchdowns.

8



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Puzzle solutions for 09-07-2012 BRAG A T A R 5 8 9 4 6 3 2 1 7 V I E N N A SLALOM 4 7 6 8 2 1 9 5 3 2 3 7 5 9 4 SATE 1 8 6 BOLE A S P S A X A S O M O T S 5 6 9 1 4 3 8 7 2 R I V A L S E I R E 4 3 8 7 6 2 1 9 L E T T E R M A N 5 C E R E F O U S E S S A S S T I P F R A 7 2 6 5 9 1 8 3 4 RAF S A N E YLEM 7 4 8 1 3 6 5 2 9 O P E R A S T I U 7 9 2 5 8 3 4 6 1 ORIGINSSACKING SENATE H A U N T S 1 2 9 7 6 5 3 4 8 DABS DIES





Blood Drive

The Academy will host its annual Armed Services Blood Program blood drive Sept.10-12 from 10 a.m. to 7 p.m. each day in Arnold Hall.

The blood will be donated to ill or injured service members, veterans and their families worldwide.

Donors must weight at least 110 pounds, be 17 years of age, have a state or federal form of photo identifcation and be healthy to participate.

To find out more information orschedule an appointment, please visit www.militaryblood.dod.mil.

10th MDG Closure

The 10th Medical Group will close at 2:30 p.m. Sept. 10 for a commander's call.

Access to the on-call Primary Care Provider is available through the Patient Access Service at 524- Care (2273) Normal Operations will resume at 7:30 a.m. on Sept. 11.

Bears prepping for hibernation

The 10th Civil Engineer Squadron wants base residents to secure their trash to prevent foraging black bears from posing a danger.

As the bears prepare for hibernation, they will eat up to 20,000 calories per day and will return to sites where they have previously found food.

Housing residents should check the



Cadet Chapel

BUDDHIST

Sundays, 10 a.m.; Thursdays, 6:20 p.m.

PROTESTANT

Traditional: Sundays, 9 a.m. **Contemporary:** Sundays, 11 a.m.

CATHOLIC

Mass: Sundays, 10 a.m. Mondays, 6-6:20 p.m. Tuesdays, 6:45-7:15 a.m. Wednesdays, 6:30-7 p.m. Thursdays, 6:15-6:45 a.m. doors to their bear-proof dumpsters or trash receptacles. Residents without bear-proof receptacles must store their trash in their garage until their scheduled trash collection day.

For an immediate bear problem or threat, call the 10th Security Forces Squadron at 333-2000. For nonthreatening bear sightings, call the 10th CES Natural Resources office at 333-3308.

To report a bear-proof container needing repair in base housing areas, call Forest City maintenance at 867-9675. To report containers needing repair outside base housing areas, call 10th CES Contract Services at 333-3053.

Recycling Center Moves

The temporary location of the Academy Recycling Center will be located West of the Community Center and on the south side of the Armed Forces Bank.

A temporary location was created due to construction of the BX and Commissary parking lots that began on Aug. 20.

Pottery studio available

The Arts and Crafts center offers a pottery studio available for use when a class is not in session.

The studio includes nine pottery wheels, glazes and five kilns. Clay is available for purchase.

For more information call 333-4579.

Child support services

The El Paso County Child Support Services will now be at the Academy the last Thursday of every month from 1-3 p.m.at the Airman and Family Readiness Center.

They will help establish, modify and assist child support orders, establish paternity, assist with visitation issues, provide a connection to other community resources and assist family member s of active duty members stationed at another base.

There is a one-time \$20 fee. To make an appointment call 719-457-6331.

Bowling Leagues

The Academy Lanes Bowling Center's bowling leagues are in session.

Available leagues include a parentand youth league Tuesdays at 7 p.m. for \$14 per team, three-person youth leagues Thursdays at 10 a.m. for \$7 per person and four-person adult mixed leagues Thursdays at 7 p.m. for \$10 per person.

Children may receive free bowling

8 a.m. at the Community Center.

Vendors will set up at 7 a.m. and the event will take place on the west side parking lot.

For more information call 333-4522.

Golf Tournament

The Academy Fire Department Golf Tournament will take place Sept. 27 at 12 p.m. at the Eisenhower Golf Course.

The cost ranges from \$55-98 per person and will include golf carts, range balls and a driving range.

Sign up no later than Sept. 25. Contact Mike Mater at 719-333-2051 for more information.

Hispanic Heritage Month

A luncheon and Cadet Panel Forum will take place Sept. 27 from 12-1:30 p.m. in the Arnold Hall Ballroom for Hispanic Heritage month.

The event is titled, "Diversity United, Building America's Future Today" and will include guest speaker Brig. Gen. Abel Barrientes and entertainment by Mariachi Aguila.

The cost is \$10 per person and must be paid by Sept. 24. Please call Dr. Sonia Esquivel at 333-8356 for more information.

AFSA meetings

The Air Force Sergeants Association Falcon Chapter 1180 meets every third Thursday of the month at 3:30 p.m. in the Casual Lounge at the Falcon Club.

A&FRC events

The following Airman and Family Readiness Center events are scheduled for the month of September:

DAV Medical Records Review: Monday and Sept. 21, by appointment. Individuals within 180 days of retirement or separation may have the Disabled American Veterans review their medical records for submission to the Veterans Administration.

Smooth Move: Tuesday, 9 a.m. This "one-stop shop" for relocation assistance provides information on service members' next base, finance and allowances, household goods shipment and claims, a "plan my move checklist" and more.

Heartlink: Wednesday, 9 a.m.-2 p.m. This class for new military spouses covers Air Force customs and military life.

Troops to Teachers: Wednesday, 11:30 a.m.-1 p.m. This workshop provides information for service members interested in beginning a second career in public education.

Civil Service: Thursday, 8 a.m.noon. This class provides information about federal employment applications, searching for positions, reading position descriptions, hiring preferences and authority, eligibility categories and more.

Ice skating lessons

The Cadet Ice Arena will hold weekly ice skating lessons beginning the week of Sept. 10, with six lessons and skate rental for \$50.

All ages are welcome. For more information or to sign up, call the Ice Arena at 333-0389.

VA Stand Down Day

The local Veterans Administration office seeks active-duty volunteers for its VA Stand Down Day Oct. 18.

Volunteers will escort veterans around the stations and will help with preparation and cleanup duties.

To volunteer or for more information contact 1st Lt. James Franciere at 567-2162.



JEWISH

Shabbat: Fridays, 7 p.m.

MUSLIM Jum'ah: Fridays, 12:30-2 p.m.

Community Center Chapel

CATHOLIC WORSHIP

Mass: Saturdays, 4 p.m.; Sundays, 9 a.m.; Tuesdays-Fridays, 11:30 a.m. Reconciliation: Saturdays, 3:30 p.m. Formation Classes: For students in grades K-8. Sundays, 10:15-11:30 a.m.

PROTESTANT WORSHIP Evangelical: Sunday, 10:15 a.m. Gospel: Sunday, 11:30 a.m.

lessons during youth league play on Thursdays.

For more information, call Academy Lanes at 333-4709.

Horsemanship classes

The Academy Equestrian Center offers horsemanship classes, which include a one-hour trail-riding lesson plus instruction in grooming, saddling and etiquette, for \$30 per lesson. For information, contact the Equestrian Center at 333-4607.

Softball Tournament

The Academy will host a softball tournament Sept. 21-22. Please register by Sept. 14 and contact David Castilla at 333-4078 for more information.

Flea Market A flea market will be held Sept. 22 at

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Name:	Free ads in accordance with military regulations must be non-commercial and for personal property offered by active-duty and retired military personnel and their families working, living or relocating to the Air Force Academy without regard to race,
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to race, color, religious origin or sex of any individual.

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Bank Assistant Previous exp. req. Teller, New Accts and Loans for F/T Description of the second o

IV Certified prefe EMT's & LPN's w	and Loans for F/T position. Email resume to: bankjob@hughes.net	401K. Ofc located off Northgate exit. Send resume to: Aspen Medical Mgmt., P.O. Box 909, CSC 80901 or fax 592-1645 HEALTHCARE Medical Administration Person *Must have current QMAP certs* needed for new Assistant Living. Fax Resume to 719-260-5518 or apply on- line at www.accoladelivingcenters.com	For 3-6 year olds P/T hours about 2:30-5:30 lv. msg.(719)646-4384 TECHNICAL IT Support Specialist Goal Academy is currently hiring an IT Support Specialist. Visit: GoalAC.org for details.	Create working relationships with MD's nurses, social workers and articulate our excellent patient care with attentive listening skills. Competitive Base + un- capped commission. Drug free workplace. Please apply within @ 3330 Adobe Court Colorado Spgs, CO.
Fax: (719)473-3688 email: ihoward@digestivediseaseclinic.com		######################################	GENERAL	CONSTRUCTION
tii LPN/MA/TECH,RN & EMT's welco Fax: (719)47: ihoward@digestiv	ational & exp. individuals for:IV Cer- ied a Personal Secretary me to apply. 3-3688 email: ediseaseclinic.com	HEALTHCARE DIETARY AIDE (Part Time) Experience working with food is a plus. Need to be dependable & flexible. Most frequent shift is 4PM - 7:30PM, 17 to 20 hours per week. Note: Weekend work is necessary. Apply in person at: Mount St Francis 	LINCARE leading national respiratory com- pany, seeks caring: SERVICE REPRESENTATIVE Service patients in their home for oxygen and equipment needs. Warm personalities, age 21+ who can lift up to 120 lbs should apply. CDL with Hazmat a plus or ob-	TREE TRIMMER 5 or more years exp. DL req'd. Must pass drug test. Call to apply: (719) 287-8733.
GOVERNMENT Police Officer/ The City of Manitou Springs is hiring serve Officer. Go to http://www.manitous applications to Donna Kast, City Cle tou Avenue, Manitou Springs, CO & Manitou Springs is an EOE/AA/ADA	Reserve Officer for the position of Police Officer/Re- pring-code of Manitou Springs, 606 Mani- 50829 by Sept 21st, 2012. The City of	7550 Assisi Heights Colorado Springs, CO 80919 Or fax resume to: 719-955-3817 NO PHONE CALLS PLEASE	CDL with Hazmat a plus or ob- tainable. Drug-free work place. Please apply at: 921 E. Fillmore St. to complete an application EOE HEALTHCARE Medical Assistant Program Instruc-	Plaintiff Pl firm. Seeking FT pre- litigation/litigation paralegal to assist w Pl cases. Min 2+ yr law firm exp. Pay DOE. Beny's. FAX resume and cover letter to McCormick & Murphy PC 719-389-1600
	employer.	RN CLINICAL MANAGER	tor IntelliTec Colleges- Pueblo Campus	MAINTENANCE
TRANSPORTATION TRASH TRUCK WAREHOUSE DRIVER Immediate Hire. Class B CDL-Clean. Fax resumes to 719-576-0943 or appl	MVR. \$2000/month. No phone calls. y in person 1390 Quail Lake Loop .	5 years long-term nursing management experience preferred. Must have current RN license in good standing and CPR. Position participates in the RN Mgr on call rotation. Position is salaried, 40 hours a week with an ex- cellent benefits package.	A minimum of Associate's Degree in Allied Health PLUS three (3) years full	ACADEMY DIST 20 NOW HIRING Welder/Locksmith Utility Workers and Groundskeepers
CONSTRUCTION CARPENTER -Immediate Hire Must have own tools and reliable transportation. Exp. Stairs eaves, win- dow installation and re-model. Drywall a plus. Must be able to lift 50lb and stand/walk for extended periods. \$15/hr/40hrs. Fax resume to 719-576-0943		Cellent benefits package. OTHER AVAILABLE POSITIONS RN/LPN- full time, part time, all shifts CNA- part-time weekends, day/eves Apply in person at 7550 Assisi Heights, CS CO 80919 or Fax resume to 719-955-7029	time expérience in front/back med clinic. Mon-Thurs. 9a-2p/6p-11p Send resume and cover to: csandoval@intellitec.edu	and Groundskeepers For more information and to apply online, access our website at www.asd20.org EOE

Academy Spirit

FRIDAY, SEPTEMBER 7, 2012











Solution on page 8

09-07-12

11



Antique Billiard Museum 3628 Citadel Dr N Colorado Springs CO 80909 / 719-597-9809 or Diamond Billiards 3780 E Boulder St Colorado Springs CO 80909 / 719-596-9516

Two great Billiard Rooms. Best equipment, pricing and pro shop. Over 68 playing pool tables including regulation, snooker billiards and diamond bar tables. 50 cents.



FINE DINING

JINNNQ

Hours: Lunch: Tuesday-Friday 11:30a.m.-2:00p.m. Dinner: Tuesday Saturday 5:30p.m.-8:30p.m. Brunch on Sunday: 10:30a.m.-2:00p.m. Serving award winning, contemporary, seasonal cuisine-with a casual attitude for 37 years. Upstairs: fine dining (accompanied by our harpsichord on Saturday evenings). In the downstairs lounge: local music (from jazz to bluegrass) Wed-Fri, Enjoy appetizers to full course meals! Always affordable dining with a special occasion feel. Join us for lunch, dinner and Sunday brunch. Relax and take in the Colorado scenery on the patios soon! Perfect for private parties, rehearsal dinners, weddings and other events.

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481-6888	USAFA Grad Owned. Creative Caribbean Pasta, Fresh & Funky Salads, Ridiculously Good Desserts. Open seven days a week for affordable lunch and dinner. Voted Best New Restaurant by Gazette readers. Happy Hour Daily 4-6. Live Reggae Music the First Friday of every month.	JACK QUINN'S Irish Pub & Restaurant	Jack Quinn's 385-0766 21 S. Tejon Street Open for Lunch & Dinner daily; Sunday Brunch served 12 pm-3 pm; Happy Hour 3-6 pm; & late night Sunday.	Owned by 4 USAFA Grads! Serving traditional Irish fare & Americar cuisine for lunch & dinner. Happy Hour daily 3-6pm & late night Sun. 10 pm-1 am., 15 delicious drafts & the best selection of Irish Whiskeys. Live Irish Music Tues., Thurs., Sat. & Sun. with County El Paso, Brian Clancy, Big Paddy & the Irish Session Musicians! Reader's Choice Voted Best Bar 2007 & 2010. www.jackquinnspub.com
CI	HINESE		RESTAUR	ANT/CATERING
Bamboo Court Restaurant 719-599-7383 4935 Centennial Blvd., Suite G	Mon-Fri Lunch: 11:00-3:00pm, Mon-Sat Dinner: 3:00-9:00pm, Sat Lunch: 12:00-3:00pm, Sun Dinner: 4:00-9:00pm Our single combination Dinner Specials come with any entree from the dinner entrees menu and soup of the day, fried or steamed rice, egg roll & crab ragoon. At Bamboo Court, our only goal is to make your expectations a reality!	Jaerie Cales BakeHouse and Catering	Faerie Tales Bakehouse and Catering 1015 West Colorado Ave Colorado Springs Co. 80904 719-375-5651	Tuesday-Saturday and Sunday Brunch. Enjoy Colorado dinning in our restaurant, bar and patio. Featuring Colorado beers and wines. Premier catering services for all occasions from large parties to private dinners. We also do: Cadet "Care" packages, Sunday Brunch, cakes, cupcakes and the best bakehouse goods in town! 10% restaurant discount for Military with this ad and ID. www.faerietalesbakehouseandcatering.com
	DELI		STEA	KHOUSE
Wooglin's Deli & Cafe 719-578-9443 823 N. Tejon Street	Mon Sat. 7am - 9pm, Closed Sun. A locally owned restaurant celebrating 24 years of award-winning sandwiches, soups, salads, burgers, and the best quiche in town. Full breakfast menu served with locally roasted coffees. Housebaked desserts, Bristol beers, and neighborhood art make Wooglin's an authentic and funky downtown getaway.	766 Jamous A STEAK HOUSE	www.ineidinoussieaknouse.nei	Lunch MonFri * Dinner Nightly. Think that late night Chicago Steakhouse: polished booths that enclose years of secrets, big slabs of aromatic prime rib, sparkly cocktail glasses clinking at every table Best Steak 2011, Best Fine Dining 2011, Best Martini 2011, The Gazette. facebook.com/FamousSteakHouse
	Rasta Pasta 481-6888 405 N. Tejon rastapastacs.com Bamboo Court Restaurant 719-599-7383 4935 Centennial Blvd., Suite G Wooglin's Deli & Cafe 719-578-9443	481-6888 Fresh & Funky Salads, Ridiculously Good Desserts. 405 N. Tejon Open seven days a week for affordable lunch and dinner. Voted Best New Restaurant by Gazette readers. Happy Hour Daily 4-6. Live Reggae Music the First Friday of every month. CHINESE Bamboo Court Restaurant 719-599-7383 4935 Centennial Blvd., Suite G Mon-Fri Lunch: 11:00-3:00pm, Mon-Sat Dinner: 3:00-9:00pm, Sat Lunch: 12:00-3:00pm, Sun Dinner: 4:00-9:00pm Our single combination Dinner Specials come with any entree from the dinner entrees menu and soup of the day, fried or steamed rice, egg roll & crab ragoon. At Bamboo Court, our only goal is to make your expectations a reality! DELI Wooglin's Deli & Cafe 719-578-9443 Mon Sat. 7am – 9pm, Closed Sun. A locally owned restaurant celebrating 24 years of award-winning sandwiches, soups, salads, burgers, and the best quiche in town. Full breakfast menu served with locally roasted coffees. Housebaked desserts, Bristol beers, and neighborhood at make Wooglin's an	Rasta Pasta 481-6888 405 N. Tejon rastapastacs.com USAFA Grad Owned. Creative Caribbean Pasta, Fresh & Funky Salads, Ridiculously Good Desserts. Open seven days a week for affordable lunch and dinner. Voted Best New Restaurant by Gazette readers. Happy Hour Daily 4-6. Live Reggae Music the First Friday of every month. Image: Comparison of the test of the test of test	Rasta Pasta 481-6888 405 N. Tejon rastapastacs.com USAFA Grad Owned. Creative Caribbean Pasta, Fresh & Funky Salads, Ridiculously Good Desserts. Open seven days a week for affordable lunch and dinner. Voted Best New Restaurant by Gazette readers. Happy Hour Daily 4-6. Live Reggae Music the First Friday of every month. Jack Quinn's 385-0766 21 S. Tejon Street Open for Lunch & Dinner daily; Sunday Brunch served 12 pm-3 pm; Happy Hour 3-6 pm; & late night Sunday. RESTAURN 179-599-7383 4935 Centennial Blvd., Suite G Mon-Fri Lunch: 11:00-3:00pm, Mon-Sat Dinner: 3:00-9:00pm, Sat Lunch: 12:00-3:00pm, Sun Dinner: 4:00-9:00pm Our single combination Dinner Specials come with any entree from the dinner entrees menu and soup of the day, fried or steamed rice, egg or ld a crab ragoon. At Bamboo Court, our only goal is to make your expectations a reality! Faerie Tales Bakehouse and Catering 1015 West Colorado Ave Colorado Springs Co. 80904 719-375-5651 Wooglin's Deli & Cafe 719-578-9443 823 N. Tejon Street Mon Sat. 7am - 9pm, Closed Sun. A locally owned restaurant celebrating 24 years of award-winning sandwiches, soups, salada, burgers, and the best quiche in town. Full breakfast menu served with locally roasted coffees. Housebaked desserts. Bristol beers, and neighborhood at make Wooglin's an The Famous 719-227-733 31 N. Tejon Street ww.thefamoussteakhouse.net

The Margari











Products 48 oz., Ben & Jerry's Ice Cream 16 oz., Klondike 6 ct. or Popsicle Novelties 18-24 ct. Select Varieties





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