

AD-VENTURE

Cadets participate in business venture competition. **Page 3**

SCIENCE-MINDED

High school student does algae research at the Academy. **Page 6**

BIG DANCE BOUND

Academy hockey team squares off against Boston in semi-finals. **Page 12**

ACADEMY SPIRIT



Enlisted bestow highest honor on Academy superintendent

By Gino Mattorano
Academy Spirit editor

The Academy's enlisted corps inducted Air Force Academy Superintendent Lt. Gen. Mike Gould into the Order of the Sword during an emotional ceremony at the Arnold Hall Ballroom Monday.

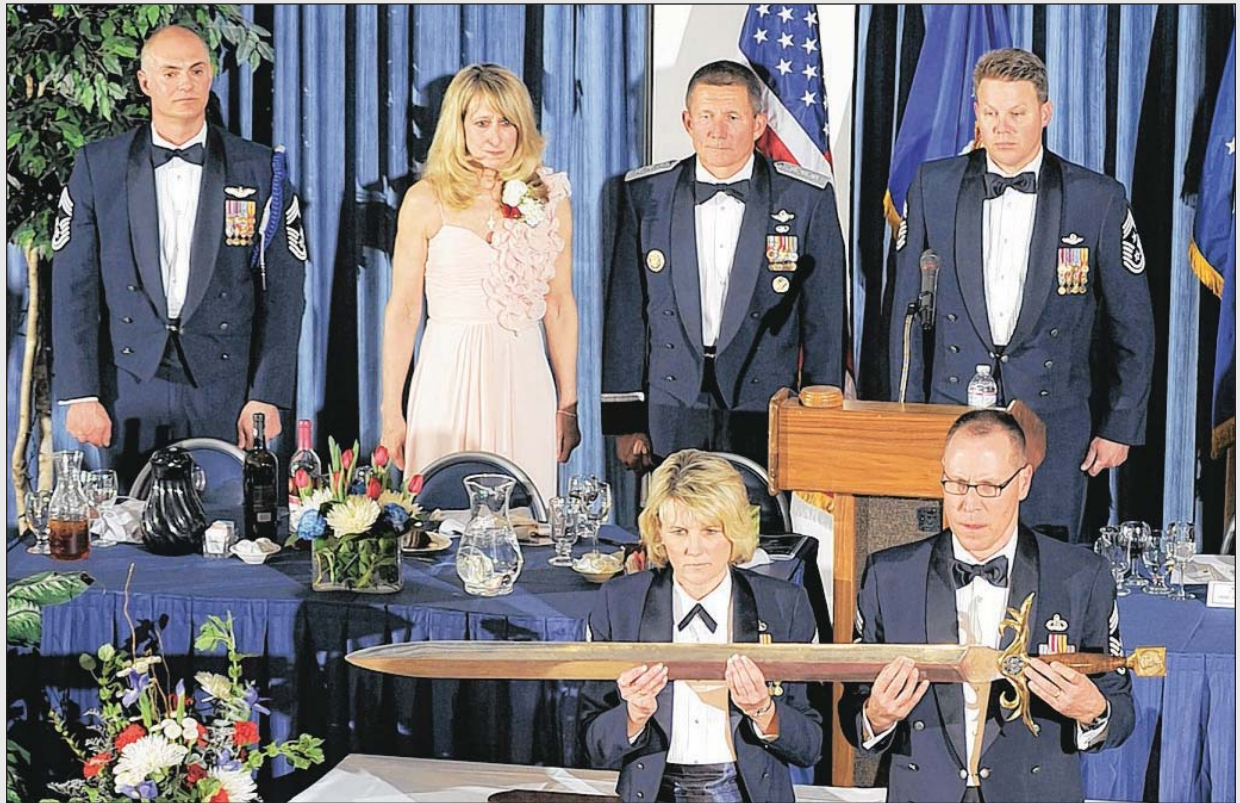
The award, established by Military Airlift Command's enlisted corps in 1967, is presented to individuals whom the NCO corps wishes to honor.

According to the Order of the Sword manual, the sword is a symbol of truth, justice and power rightfully employed, and serves as a token for all to see and know that here is a leader among leaders, an Airman among Airmen.

Inducting a senior leader into the Order of the Sword is the highest recognition enlisted Airmen can bestow on a leader, said Chief Master Sgt. Todd Salzman, the Academy's command chief.

Gould was truly honored as he accepted the award from the enlisted members who attended the ceremony.

"I can't thank you enough," he said. "It's through the hard work and dedication of so many Airmen that brings us together like this. As I think back over my time, every sortie I've ever flown, every paycheck any of us has ever cashed, every meal we've had in a dining hall, every room we've checked into in billeting, every ride we've ever had down the flightline or anywhere with (transportation), every hospital appointment, every telephone call we've ever



RAYMOND MCCOY

Chief Master Sgt. Carolyn Henriques, of the 10th Force Support Squadron, and Chief Master Sgt. Randall Doersch, of the Academy Band, perform their duties as Keepers of the Sword, during the Order of the Sword ceremony Monday.

made, every computer problem we ever needed solved, and every trip through the gate, we have an Airman to thank."

Gould continued his praise for the enlisted corps and spoke of their contributions to the Air Force mission.

"Our enlisted core has rocked for many, many years and they continue to do so every single day," Gould said. "Everything we do here at the Air Force Academy to develop our cadets into leaders to go out and lead our country happens because of you. We simply could not do our mission without the work you do. Thank you from the bottom of my heart."

Gould also challenged the enlisted corps to continue their proud contributions to the Academy mission.

"I would just ask that as you think about the vision that we have here at the Academy of creating this sense of fanatical pride in this institution, that you all would take pride in knowing that each one of you, in your organization

and as team members have made a difference," Gould said. "You've made a difference in the lives of cadets, which makes a difference in the future of our Air Force, which makes all the world of difference for the security of our nation. Thank you for this honor, for your dedication, for your integrity, service and excellence. God Bless you all."

Salzman concluded the ceremony by thanking all the Airmen, NCOs, senior NCOs and retirees who attended and thanked them for being a part of the Order of the Sword ceremony.

"Be proud of who you are, of the stripes that you wear, and be proud of the creed that you follow and the commitment that you carry," Salzman said. "I am proud of each and every one of you."

Gould is the 234th recipient of the Order of the Sword, according to the Air Force Enlisted Heritage Research Institute at Maxwell Air Force Base-Gunter Annex, Ala., and Air Force reports.

306th FTG unveils new sailplane landing area

By Don Branum
Academy Spirit staff writer

Officials with the 306th Flying Training Group here unveiled a vast sailplane landing area made from artificial turf in a ribbon-cutting ceremony Tuesday.

High winds cut the outdoor portion of the ceremony short but did not dampen officials' enthusiasm as they applauded the completion of the 1.35-million-square-foot landing area, which is one of the largest of its kind in the world.

Col. Christopher Plamp, the 306th FTG commander, outlined the reasons why the \$3.6 million landing area was crucial for the group's mission: safety, effectiveness, efficiency and sustainability.

"With the grass area, it was hard to tell where you were supposed to land," Plamp said. Markers on the astroturf will outline landing and parking areas. The markers will also allow cadets to practice lining up for landings the same way they would in powered aircraft, allowing for more effective and

more advanced training.

In terms of efficiency, the turf will reduce the amount of time required to recover and restage aircraft and will allow the group to land more sailplanes at the same time, Plamp said.

The smooth turf will also improve aircraft sustainability, said Maj. Mike Mulligan, assistant director of operations for the 306th Operations Support Squadron.

"Vibration from landing impact and landing roll are prime causes of material failure in our new fiberglass and carbon-fiber gliders," Mulligan said. "The aviation turf is a state-of-the-art surface material that reduces the wear and tear from vibration during landing."

The Engineering Mechanics Department and the Center for Aircraft Structural Life Extension performed a study on the sailplane landing area a few years back, said Scott Bowshot, a civil engineer with the Academy's 10th Civil Engineer Squadron. The purchase of 22 TG-16 gliders in 2011 triggered the turf project.



MIKE KAPLAN

Lt. Col. Brad Roller, 94th Flying Training Squadron commander, explains the benefits of the new sailplane landing area from the control tower Tuesday.

"The findings in the report directly attributed overstress and fatigue on the sailplanes due to the native vegetation in the (landing area)," Bowshot said. "If the Air Force did not invest in an improved landing surface, the new glider fleet would

See Sailplanes Page 4

Empowered Women Unite and Inspire

By Cadet 2nd Class Casey Hill, Cadet Squadron 36, and
Cadet 2nd Class Amanda Rodriguez, Cadet Squadron 08

Over the past few days we were given the unique opportunity and privilege to represent female cadets at the Joint Women's Leadership Symposium in Washington D.C.

We accepted the invitation to attend this gathering of over 1,700 women in uniform from all over the world, unsure of what to expect, but excited for the opportunity to see accomplished, patriotic, well-rounded women in action. The first day of the conference was spent interacting in large forums with women, both officer and enlisted, from each of our sister services. It was daunting to see so many women in one room, but the sense of solidarity of women who shared their struggles and triumphs was unwavering.

We were afraid we would sit through countless briefings about "girl power" all day, but this could not be further from the truth. On the first day of the conference we had the opportunity to listen to exceptional speakers including the Former Undersecretary of Defense for Policy, Michele Flourney, Olympic athlete, Jackie Joyner-Kersey, and a panel of flag officers from across the joint force. The speakers touched upon the underlying themes of diversity, intelligence, the power of competence, and the importance of maintaining a well-rounded sense of self in a uniformed profession. We quickly learned that the women's conference was not so much a conference about being a woman in a male-dominated profession, but rather how women can use their differences to contribute to the mission in all professions.

The second day of the conference was a breakout day by service. In turn, we were graced with pioneering Air Force speakers to include Lt. Gen. Janet Wolfenbarger, the first woman nominated to be a four-star general and a 1980 Academy graduate; Brig. Gen. Dana Born, our dean of the faculty and the first female exchange officer with the



COURTESY PHOTO
Cadet 2nd Class Casey Hill, Cadet Squadron 36, and Cadet 2nd Class Amanda Rodriguez pose with Women Airforce Service Pilot Elaine Harmon.

Royal Australian Air Force; and Elaine Harmon, a Women Airforce Service Pilot who flew many airframes during World War II. These women discussed how they rose through the ranks of the military despite the difficulty of raising children, being separated from spouses, sometimes segregated from peers or adhering to biased standards because of gender. All of the speeches provided interactive time for conference members to give feedback and vocalize the needs and concerns of military women. Listening to the women who built the history of firsts for women in the military which our futures are founded upon was a truly inspirational and humbling experience.

We gained so much from the opportunity to attend JWLS and to see women in action in the operational Air Force, and it is something we encourage all men (Yes, men are welcome!) and women in uniform to consider attending. We had the chance to network with so many great military members across all services and ranks. We also took away many ideas that we hope to somehow integrate into the developing Women Forums for Academy cadets. We hope that we can bring the same sense of solidarity felt at the conference to our peers. In understanding that when completing a mission we must attack it with the mindset, "No ego, no drama, this is not about you," we learned how we can bring a new sense of effectiveness, cohesiveness, and pride to the team mission. We learned that it is not about being a woman or a minority that defines your effectiveness as a leader, but rather your competence and diversity of intelligence that builds the foundation of a great leader, and a pioneer of the future.

No longer are women sitting on the sideline

By Cadet 2nd Class Joy Johnson
Cadet Squadron 05

When I think about Women's History Month, the first three words that pop into my mind are perseverance, power, and pure beauty. From the beginning of time, women have always played a dynamic role in shaping the world.

Native American women were builders, warriors, farmers, and craftswomen who were just as equipped and skilled as the men. Women from all races filled more traditional roles as child bearers and taking care of household duties, which were just as important to shaping the future generations to come.

No matter what race or culture, all roles were essential to creating women like Elizabeth Cady Stanton. She was the daughter of a New York Supreme Court Judge and studied the law and its discrimination toward women. Cady Stanton later married Henry Stanton, a lawyer and abolitionist, and insisted that the word "obey" be dropped from the wedding ceremony.

Her most memorable contribution was being one of the American leaders who organized the first demand for women's suffrage in 1848. It wasn't until almost a hundred years later when women's rights were finally granted in full after the 19th Amendment was ratified in 1920.

Recently, I was just told by an older man that working mothers are the most depressed women in America. He explained that having equal rights only added on more



Cadet 2nd Class
Joy Johnson

responsibility to women because now women have the duties of home and work. I wanted to tell him that times have changed and since women are equal, so are the home duties!

Since the 1920s, women in America have taken a stand to rise into power. No longer did Rosa Parks give up her seat on public transportation because of the color of her skin. Poet Maya Angelo pursued her passion and wrote the most inspiring poem that created an anthem for all her female readers, "Phenomenal Woman, that's me."

Oprah Winfrey would have never imagined that her talk show would make her one of the richest women in the world. Hilary Clinton is most inspiring for not wanting to stay in the shadow of her very successful husband. Even though she did not win the presidential elections in 2008, she is well respected for her determination to break the norm and make a difference in this world to create a path for future generations of women.

On these women's shoulder, is where I and others in my generation stand. The amazing part is that today's women are educated, personable, and beautiful! Nothing is impossible. Today's women are mothers, sisters, aunts, doctors, and innovators.

The opportunity I have been given here at the Academy has truly made me believe that nothing is impossible and the world is ours for the taking. In return, I would like to think of my shoulders as a stepping stool for the next generations to come.

A beautiful quote by Mahatma Gandhi states that you have to be the change you wish to see in the world. So with every decision I make pertaining to my future, I strive to break the norm like Hilary Clinton, inspire people like Maya Angelo, or refuse to give up any of my rights because the color of my skin like Rosa Parks. I know where I stand and it's on the shoulder of all the women full of perseverance, power, and pure beauty!

ACADEMY SPIRIT

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Academy community and the public
about the Air Force Academy

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Cadets win business competition with mechanical hand device

By Amber Baillie
Academy Spirit staff

Four cadets from the Academy took first place at the Camino Real Venture Competition March 9-11 at the University of Texas at El Paso.

A team from the Systems Research and Development Management class defeated nine other teams from Colorado, Texas, New Mexico and Mexico with their Exogrip venture plan at the international business plan competition.

The competition featured two teams from the Academy. The competition required each team to include a graduate student but because the Academy doesn't offer a graduate program, they received a special exemption.

"It's a great accomplishment; they were competing against graduate students," said Lt. Col. Chuck Murnieks, assistant professor for the Management Department and adviser for the projects. "I think it was a fantastic experience for cadets because it highlights the details needed to bring a program to life and what it's like to work in the real world."

Exogrip is a portable, mechanical exoskeleton device for the hand that was developed by cadets and the Departments of Electrical and Computer Engineering and Engineering Mechanics. DFEC and DFEM worked with the non-profit organization FalconWorks to create a device that could help wounded veterans, or any individual, who had lost grip strength

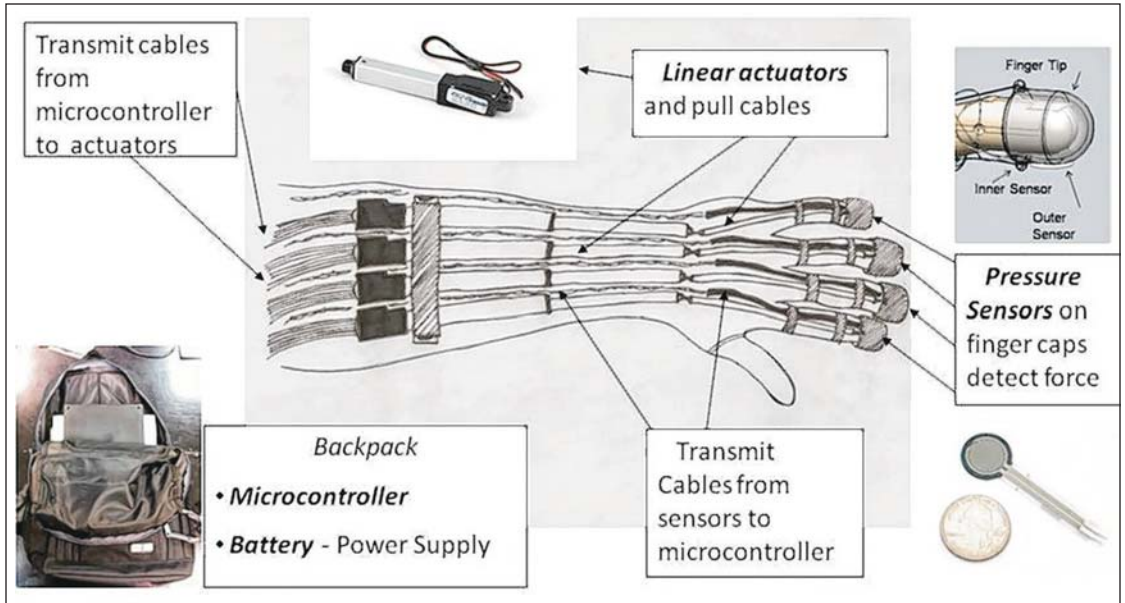
in their hands as a result of injury. The device is a powered exoskeleton that fits like a glove and uses sensors and cables to close or extend an individual's hand.

"It could help a lot of people, it'd be great therapy for those who use it and it's a neat technological advancement," said Cadet 1st Class Kira Gonzalez, Exogrip team member.

The team created an 18-page business plan for the product that was developed through the Cooperative Research and Development Agreement between FalconWorks and the Academy. The Electrical Engineering Department developed the prototype. Capt. Willie Mims was the officer in charge of the team.

"The Exogrip is a significant invention because it is a device that could help around two million people in the U.S.," said Cadet 1st Class Nathan Timsuren, Exogrip team member. "The census also states that about 7.1 million people had difficulty grasping objects like a drinking glass, and this product can help those people with everyday tasks."

Cadets participated in a series of briefings in front of judge panels that consisted of venture capitalists, business professionals, patent lawyers and faculty at UTEP. Cadet 1st Class Matt



Keough was on the team that proposed a Mini-Ram product, a small, portable battering ram to increase efficiency and safety of breaching operations for law enforcement professionals.

"It was the first time that I was really nervous in front of people," Keough said. "I thought it was good experience because it was nice to get feedback from professionals, and it gave us good insight into what the business world actually involves and what an investor is attracted to."

Teams started preparation for their projects in August and conducted feasibility studies to come up with ideas that could lead to a business.

"It forced cadets to do extensive research and validate assumptions," Murnieks said. "We did a preliminary

analysis of the projects, with 30 business plans to begin with, nine were selected to go forward and two were chosen for the external competition."

The Exogrip team received a \$5,000 first prize.

"Some of the judges came up to us and told us that we knocked it out of the park," Timsuren said. "I learned that hard work pays off in the end and hope to see Exogrip enter the market soon so that it can help restore the quality of life to those who can use this product."

Cadets awarded first place for their Exogrip business plan: Cadet 1st Class Michael Oakley of Cadet Squadron 30; Kira Gonzalez of CS 38; Ellis Claggett of CS 39; Nathan (Nate) Timsuren of CS 36.



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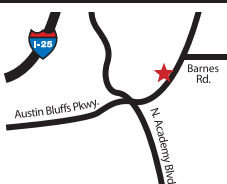
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Sailplanes

From Page 1

be subject to a premature service life expectancy. The new gliders are fiberglass, which is much more expensive and timely to repair versus the metal TG-10 gliders.”

While the sailplane landing area’s turf looks similar to what’s installed in Falcon Stadium, the surface beneath the faux grass does not give. The texture is closer to the concrete runways on the airfield than a grass field. That, Plamp said, is one of its advantages.

“There’s no backing, so snow and rain melts just like it would through grass,” he said. “It should last decades.”

Another advantage is that the turf requires almost no upkeep, Bowshot said.

“The cost to install sod with irrigation would have been more expensive over the life cycle versus installing artificial turf,” he said. “The synthetic turf is virtually maintenance-free, with only the requirement of an herbicide application in the spring to keep weeds from germinating.”

The new landing area will support more than 17,000 sorties per year during its projected 25-year lifespan. Planning for the project began in 2006, with 1½ years spent on design and six months spent on construction. Plamp credited the 10th Civil Engineer and 10th Contracting squadrons as well as Bowshot and the contractor, Toltest Inc., for making the landing area possible.

Academy Superintendent Lt. Gen. Mike Gould, right, and 306th Flying Training Group Commander Col. Christopher Plamp cut the ribbon on the Academy’s new sailplane landing area Tuesday.



MIKE KAPLAN

Academy NCO organizes ‘Brain Buster’ run

By Don Branum
Academy Spirit staff writer

An NCO who founded a charity in his daughter’s memory has invited the local community to help raise money to research a cure for brain cancer.

Tech. Sgt. Brett Newton’s non-profit Rachael’s Ribbons of Hope organization will hold its annual Running for Rachael Brain Booster 5k at the Cadet Field House March 31, with registration and check-in beginning at 9 a.m. and the race starting at 10 a.m.

Newton, who is currently assigned to the 10th Medical Support Squadron as the NCO in charge of medical information technology assets, started the charity after his daughter, Rachael Newton, died from a brain tumor in November 2007.

“My daughter actually started this before she passed away,” said Newton, a native of Aitkin, Minn., who joined the Air Force in 2000. “She started making earrings and selling them at a friend’s business and gave the money to her doctors so other kids wouldn’t have to go through what she was going through.”

After Rachael died, Newton said he and his wife, Lynette, wanted to expand on Rachael’s vision.

“We decided to try and make it a little bigger, a little better,” he said.

Friends and neighbors signed up to help. Melissa Barczik, a neighbor of the Newtons while they were stationed at Andrews Air Force Base, Md., met Rachael in 2005.

“She was a great kid,” said Barczik, who is now the charity’s treasurer. “She took everything in stride. She always had a hug for you when she saw you. She always had a smile.”

The charity held its first Run for Rachael in



Rachael’s Ribbons of Hope is a charity that raises money for brain cancer research in memory of Rachael Newton.

COURTESY PHOTO

March 2008. Barczik said it has raised \$15,000 for brain cancer research since its founding.

“It grows more and more every year,” she said. “We were really surprised how well we did (in 2008) with the first run. ... We’ve added more activities throughout the years and become more involved with the community, more established with local businesses and local groups in town.”

“Everything is donated,” Barczik said. “It comes from various local businesses as well as some big names. Usually, local restaurants donate free meals and things of that nature. There have been times when we’ve had some vendors there, and runners who own businesses will donate. It’s a great feeling to get that support from the community.”

The race is always scheduled for the last Saturday in March, in memory of Rachael’s death and in hopes of getting good spring weather, Newton said.

“We don’t consider it just a run; we consider it more of an event because of the atmosphere we have surrounding it: the prizes we give away and the lighthearted feeling,” Barczik said. “It’s not just, ‘Come, run and go home.’ We want people to hang around and enjoy themselves.”

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Sara Volz does research in the Life Sciences Research Center at the Academy, exploring the use of algae as a biofuel.



ELIZABETH ANDREWS

Academy, local teen come together for biofuel research

By Amber Baillie
Academy Spirit staff

By pre-school she had all of the planets memorized. By kindergarten she had crafted her first science project. Since then, Sara Volz, a junior at Cheyenne Mountain High School, has earned regional, state and international science fair awards and is conducting research at the Academy on the exploration of algae as a biofuel.

"I'm always curious about learning how things are working and I'm never satisfied with something unless I have an explanation for it," Volz said.

Volz is the youngest person to work

in the Life Sciences Research Center here, having started in December at 15 years old. Through the cooperative research and development agreement, Volz can work with researchers, use specialized equipment and test her research for the next three years.

"It's a benefit to the Air Force because she's doing Air Force-related work for us," said Dr. Donald Ververka, director of the Life Sciences Research Center. "The other part of this is the science, technology, engineering and mathematics aspect; it's a great opportunity for us to give young people exposure doing science and more specifically, research."

Volz conducts manipulations of particular algae called, nannochloropsis salina. Her experiments aim to find factors that will cause the algae to produce more oil for the lab.

"The overall goal is to increase oil use, so that the oil can be used to make biofuel," Volz said. "You've probably heard biofuel being made from things like soybeans or corn, but algae can grow more densely and have a much higher oil dosage. It's a better choice in the long-term but still needs a lot of development before it can really work."

Volz worked on her experiments at home until she met Ron Furstenau, from the Chemistry Department, who introduced Volz to Ververka. Through sponsored programs, the CRADA was set up for Volz to use the laboratory here.

"There's probably been a local agreement with other high schools, but not like this," Ververka said. "It's different because as you can appreciate, there are different angles in which, if she comes up with a brilliant idea, she's on Air Force property and using Air Force facilities."

Volz works with advanced equipment for the algae, such as a cleaning station, to prevent bacteria or contamination as well as a centrifuge to skim down samples. Because algae has a slimy texture, the centrifuge runs at a high speed to force samples of algae out as a solid.

"It's almost a peanut butter paste so that we can do further experiments on it," Ververka said.

Volz said that her biggest challenge has been the lack of equipment to further her research and said she is

thankful she can use resources at the Academy.

"I've been working on algae for years now and it's finding places to analyze and do my work that's been tricky," Volz said. "The Academy has been a great environment, and I've really enjoyed working with researchers here."

Volz created her first science fair project in sixth grade, started to explore the topic of bio energy in seventh and began research on algae in ninth.

"My passion stems from my general love of science," Volz said. "I'm really interested in algae specifically, because it merges my two favorite fields which are biochemistry and microbiology. I also like the idea that it can help with global pollution and energy usage today."

Sara's mother, Pattye Volz, said she is amazed by the level of science and quality of staff at the Academy. She said she is grateful that Sara can do things at that Academy that otherwise wouldn't be possible.

"She has spent several years trying to get somebody to let her do the work that she wants to do," said Volz. "She's only 16, but she's been begging for this opportunity for a long time."

Pattye said she appreciates that the staff can help guide Sara but not do the work for her.

"She's worked hard, and she loves the research," Volz said. "Having such a deep interest and keeping her mind engaged has been good for her."

Sara plans to continue research on bio energy and will conduct research for the Massachusetts Institute of Technology for six weeks in December.

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Freshmen cadets recognized

... gain acceptance, respect

By Amber Baillie
Academy Spirit staff writer

Fourth-class cadets put their mind, body and teamwork skills to the final test last week for this year's Recognition training event here March 15-17.

The Class of 2015 trained in the hot sun for two and a half days at the gym, practice fields and halls of their cadet squadrons to challenge their knowledge, discipline and physical fitness for Recognition, an annual event that signifies fourth class-cadets' final training and transition to upperclassmen.

“You get respect, the feeling that you come out recognized and that upperclassmen respect you. You get perseverance, when you look back and think, ‘Wow, I did this ...’”

-Cadet 1st Class Cody Main, Cadet Squadron 36

“There are a lot of things that you can get from the training,” said Cadet 1st Class Cody Main of Cadet Squadron 36. “You get respect, the feeling that you come out recognized and that upperclassmen respect you. You get perseverance, when you look back think, ‘Wow, I did this,’ and pride knowing that you’re taking on the hardest part of the Academy and conquering it.”

Squadron commanders, training officers, major training events officers, flight commanders and other squadron members helped with the training or came out to support the freshman class.

Main remembers his Recognition as if it was yesterday and said that it’s a moment in time that will forever stick with him.

“Every course we go to, it’s like a flashback in time,” Main said. “I remember being here and doing the exact same thing, running up and down those fields cheering on my buddies or

being on the assault course.”

Main said that upperclassmen put a lot of work into the event and often go to bed after the freshmen and wake up before them to make sure the courses are safe and rehearsed.

“It’s good for them to know that we didn’t just throw them out of the squad and say, ‘Go out here and have fun,’” Main said. “We come and support them, build that family atmosphere within the squad and make them know that they’re wanted and that we’re pushing for them to come out on top.”

Freshman cadets participated in exercises such as the assault course, leadership reaction course, chutes and ladder-course organized by the Cadet Wing. These exercises included pushups, crunches, lunges, sprints, low and high crawling, squats and knowledge-based drills.

“This aspect is to bring in big groups so that the freshman can experience the training in full circle,” said Cadet 2nd Class Gregory Kidd of CS 38. “The leadership reaction course is based on team building and critical thinking, which is primarily what the training is about, not so much the push-ups or mental and physical fortitude.”

The Squadron chiefs of safety and security and squadron emergency medical technicians ensured that exercises were conducted in a safe and productive manner.

“This year’s Recognition looks a lot like past Recognitions, and every year, we’ll tweak it to make it better and safer,” Main said. “We make it so they get more out of it.”

Squadrons rotated exercises and watched for the “Never Quit” attitude. Cadet 4th Class Henry Tirado said that the end reward as an upperclassman is what has kept him motivated throughout training.

“Training today has been difficult, but I’m glad that I’m doing it with my classmates,” Tirado said. “I’ve learned a lot this year and I’m looking forward to being recognized.”

Tirado said that he looks forward to more interaction with upperclassmen and is ready to develop his own leadership style.

“I’ve learned a lot from the upperclassmen and I’ll remember those things that I liked from good leaders,” Tirado said.

“I understand that not everybody is a good leader and that everyone is still training to get to that point, so the things that I didn’t care for, I’ll remember when I make my own leadership style and make it as best as possible.”

To symbolize completion of Recognition, each cadet received a pair of prop and wings to represent his or her new status as “recognized” cadets in the Cadet Wing and attended a Recognition dinner Saturday evening.

Main said that aside from graduation, there is no better feeling than being recognized as a cadet.

“All the people who gave you such a hard time throughout the year shake your hand and say, ‘Good job,’ and it’s awesome,” Main said. “I’m really proud of the freshmen. It feels good knowing that as we’re leaving, they’re stepping up into upperclassmen roles, and we’re confident that they’re going to be good at it.”



SARAH CHAMBERS

To symbolize completion of Recognition, each cadet received a pair of prop and wings to represent his or her new status as “recognized” cadets in the Cadet Wing.



SARAH CHAMBERS

Cadet 3rd Class Austin Halle, who is assigned to Cadet Squadron 35, leads a group of freshmen cadets in Recognition events March 16.



Members of the Class of 2015 carry their “charge” during the Run to the Rock portion of Recognition Saturday. At the end of the event, the freshmen are welcomed into the ranks of upper-class cadets.

SARAH CHAMBERS



Cadet 4th Class Terri Kim, of Cadet Squadron 15, pulls with all her might during Recognition activities March 16. Fellow CS-15 members Cadets 4th Class Ryan Howe and Demetra Votto lend moral support.

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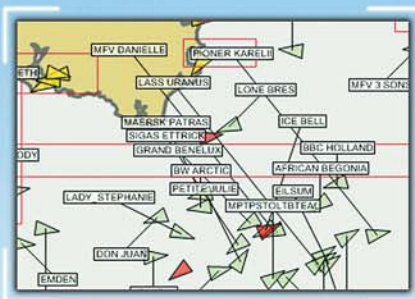
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	L C O M F O R T T I F F A N Y	6	3	8	9	5	2	1	7	4
	R O N I R I S F I O R D	1	6	3	5	4	9	8	2	7
	A X E S A T E	8	7	2	3	1	6	4	5	9
	D E E S V I L E S T	9	5	4	7	2	8	6	3	1
	A D I O S S E E D A H A	5	4	7	2	3	1	9	8	6
	D A R N S H I R R O M A N	2	8	9	4	6	7	3	1	5
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No. 16 Air Force faces No. 1 Boston College

NCAA QUICK LOOK

- Falcons play Boston College, Saturday, March 24 at 4:05 p.m. ET
- Televised on ESPN HD, available on DirecTV channel 208, Dish Network channel 141 and on Comcast channel 175
- On the radio at on The Sports Animal AM 1300, and the internet, www.GoAirForce-Falcons.com and on ESPN3.com

No. 16 Air Force (21-10-7) advances to the NCAA Tournament for the fifth time in the last six years as the Falcons won the Atlantic Hockey Association Tournament. The fourth-seeded Falcons face top-seeded Boston College, No. 1 in the nation, in the NCAA Northeast Regional at the DCU Center in Worcester, Mass., on Saturday, March 24 at 4:05 p.m. ET. Boston College (29-10-1), the No. 1 overall seed in the tournament, reached the Northeast Regional by winning the Hockey East regular season and tournament titles. In the other regional semifinal, third-seeded Maine (23-13-3), ranked 11th in the USCHO.com poll, faces second seeded Minnesota-Duluth (24-9-6), ranked fifth in the nation, at 7:30 p.m. ET. The two semifinal winners meet on Sunday, March 25, at 8 p.m. in the regional final.

The Coach

Head coach Frank Serratore is in his 15th season at Air Force with a record of 255-249-51 record (555 games). He is the winningest coach in the history of Air Force hockey, having led Air Force to five AHA championships and five NCAA Tournaments in the last six years. In his 19th season as a collegiate head coach, he has an overall record of 304-341-60 (704 games). Serratore

earned his 300th career win with a 3-0 win at Robert Morris in the regular season finale. Serratore recorded his 250th win at Air Force on Feb. 17 with an 8-0 win over Mercyhurst.

Five of the Last Six Rare Feat

Air Force is one of just seven schools in the nation to compete in the NCAA Tournament five of the last six years (2007, 2008, 2009, 2011 and 2012). The Falcons join Boston College (five of last six), Denver (five of last six), Miami (all six), Michigan (all six), New Hampshire (five of last six) and North Dakota (all six).

AFA in the Big Dance

Air Force is making its fifth trip in the last six years to NCAA Tournament. It is also the fifth trip in the 44 years of hockey at the Air Force Academy. Air Force is 1-4 all-time in the NCAA Tournament with four one-goal losses, one in regulation, two in overtime and one in double overtime. In 2007, Air Force, the No. 4 seed in the NCAA West Regional in Denver, nearly upset Minnesota, the overall No. 1 seed in the tournament. Air Force led 3-1 with just over eight minutes left, but the Gophers came back for a 4-3 win. In 2008, Air Force was the No. 4 seed in the Northeast Regional and fell to No. 1 seed (No. 2 overall in the tournament), Miami, 3-2 in overtime. Miami tied the game



Forward John Kruse skates against UConn on March 11 at Clune Arena. The fourth-seeded Falcons face top-seeded Boston College, No. 1 in the nation, in the NCAA Northeast Regional at the DCU Center in Worcester, Mass., on Saturday.

MIKE KAPLAN

midway through the third period and then won at 15:21 of overtime. Miami was the eventual national runner-up. In 2009, Air Force became the first service academy team to win a hockey game at the NCAA Tournament. The fourth-seeded Falcons upset top-seeded and third-ranked Michigan, 2-0, in the NCAA East Regional in Bridgeport, Conn. Michigan was the overall No. 4 seed while Air Force as the overall No. 13, the highest in school history. Derrick Burnett and Jacques Lamoureux scored and goalie Andrew Volkening made 43 saves. In the round of eight, Air Force fell to Vermont, 3-2, in double overtime for the right to go to the NCAA Frozen Four. Sean Bertsch's goal midway through the third period tied the game at 2-2. In the second overtime, a Dan Lawson slap shot from the point went through the net and teams contin-

ued play for nearly two minutes until the next whistle. A nearly-15-minute video replay showed the puck went through the net and Vermont advanced to the Frozen Four. In 2011, Air Force was the No. 4 seed in the NCAA East Regional in Bridgeport, Conn., and faced Yale, the No. 1 overall seed in the tournament. Sean Bertsch tied the game at 1-1 late in the second period, but Yale's Chad Ziegler score the game-winner at 3:16 of overtime.

The Series vs. Boston College

Air Force and Boston College have played five times and the Eagles have won all five meetings. Boston College is 1-0 vs. the Falcons in Massachusetts, 2-0 vs. the Falcons in Colorado and 2-0 on neutral ice. The last time the teams met was in 2007 at the Dodge Holiday Classic in Minneapolis, an 8-2 Boston College win. The teams have never met in the NCAA.

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The Air Force Academy Dental Clinic allows cadets or Active Duty at the Academy or Peterson to contact their clinic after duty hours for dental emergencies.

If you are active duty and a dental emergency occurs while you're away from your duty station, whether you're TDY or on leave, you may seek treatment from a civilian dentist.

Although you may seek treatment from any civilian dentist for dental

emergency care, it is recommended that you use a United Concordia network dentist.

To reach a dentist after hours for an emergency call 337-262-4410. To find a dentist call the Active Duty Dental Program help line at 1-866-984-ADDP (2337) or visit www.addp-ucc.com.

Free tax preparation available

The Academy tax center currently offers free tax preparation by appointment to cadets, service members stationed here and their spouses.

Taxes will be done by appointment only. Appointments will be available 8 to 11 a.m. and 1 to 3 p.m. Mondays and Fridays.

The gross income limit for eligibility is \$60,000 for either an individual or joint tax return.

The tax center, located in Arnold Hall, will take appointments this month. For more info, call 333-3905.

Optometry Clinic

The Academy Optometry clinic is open to all Tricare Prime and Tricare for Life beneficiaries.

No referral is needed to make an appointment for a routine eye exam.

Services include Diabetic Eye Exams, "Red Eye" Evaluation and Cataract Evaluation.

For routine eye appointments, please call 524-CARE. For urgent care eye appointments please call 333-5144.

Single Airman Program

The Single Airman Program will take place on March 31 and include free skiing and snowboarding at Monarch.

The trip will cover the cost of a lift ticket, ski or snowboard rentals and transportation.

Participants will depart at 5:45 a.m. from Outdoor Recreation and be responsible for the cost of dinner.

To sign up please e-mail syler.arnold@us.af.mil and sign-ups are limited to the first 35 airmen.

Air Force Paralegal

Enlisted members may be eligible to re-train as a paralegal for the Judge Advocate General's Department

Minimum qualifications include a typing speed of at least 25 words per minute, a passing PT score, a minimum AQE score of 51 and no derogatory information in your records.

If you are eligible and wish to re-train, submit a retraining application, and contact your local law office manager and staff judge advocate to arrange an in-person interview.

To submit retraining applications, contact the employment section of the MPF.

For more information about the paralegal career field, contact the law office manager, Senior Master Sgt. Sharon Gray at 719-333-3642.

Library expands selection

The Community Center Library has created a new collection of existing materials in addition to Exceptional Family Member Program items on a variety of subjects, including development, diversity, resilience and titles currently on the Air Force chief of staff's reading list.

Other subjects include autism,

Tourette's syndrome, hearing and visual impairment, physical and mental disabilities and others for both professionals and family members.

Materials will be available for checkout by patrons, and book lists will be on hand.

For more information, contact the library at 333-4665.

MyWingman app for Android

The 10th Mission Support Group's "MyWingman" app has phone numbers for emergency responders, first sergeants, sexual assault prevention and response and links to social media pages.

To download the app, navigate to the Android Market and search for "MyWingman." An iPhone version of the app will be available soon.

Walk 4 Life

The Fitness Center now offers "Walk 4 Life," a low-impact exercise program designed to improve cardiovascular endurance, flexibility and strength.

The walking sessions are approximately one hour, starting at the Fitness Center. Days and times vary. To register or for more information visit the Health and Wellness Center.

Drinking water info

Through water samples taken in November and December, the Colorado Department of Public Health and Environment identified that the Air Force Academy drinking water did not meet a requirement "to maintain a detectable residual disinfectant in the distribution system."

Please know that this situation did

not pose an emergency nor a health risk. If it had, you would have been notified immediately.

Tests taken during this same period did not indicate the presence of bacteria in the water, just that chlorine disinfectant measurements were undetectable.

Corrections have been 100-percent effective as confirmed by samples taken in January and February. For more information, including frequently asked questions, visit <http://1.usa.gov/GMQm9>.

Youth Soccer Camp

A youth soccer camp will be held April 3-5 at 7:30 p.m. on the Pine Valley Soccer Field.

The cost is \$40 per child. If you have any questions, please contact the Youth Center at 333-3799.

Visitor Center gift shop closed

The Visitor Center gift shop will be closed Thursday.

Interfaith challenge event

The Cadet Interfaith Council invites volunteers to join them for a service project at the Arc-Thrift Store at 7207 North Academy Boulevard in Colorado Springs March 31 from 9-11:30 a.m.

The event, which will include sorting and hanging clothing at the Arc-Thrift Store's new location, is part of the president's interfaith challenge and is limited to a maximum of 25 participants.

Faculty, staff and permanent party may participate. To reserve a volunteer slot, contact Chaplain (Capt.) Heather Bodwell at 333-2636.



Cadet Chapel

BUDDHIST

Sundays, 10 a.m.

PROTESTANT WORSHIP

Combined Worship Service: Sundays, 9 a.m.

CATHOLIC WORSHIP

Mass: Sundays, 10 a.m.

JEWISH WORSHIP

Normal schedule

Fridays, 7 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.

Wednesday Night Live: For ages 3 to adult. Begins with a meal. Wednesdays, 6-7:30 p.m.

LENT

Stations of the Cross and Lenten Suppers: March 16, 23, 30 at 5:30 p.m.

Lenten Communal Reconciliation Service: March 13 at 6:30 p.m.

HOLY WEEK

Catholic Vigil of Palm Sunday:

March 31 at 4:00 p.m.

Palm Sunday Mass: April 1 at 8:45 a.m.

Protestant Worship Service: April 1 at 10:15 a.m. and 11:30 a.m.

Holy Thursday Mass and Adoration: April 5 at 6:00 p.m.

Catholic Good Friday Service: April 6 at 6:00 p.m.

Holy Saturday- Easter Vigil and Mass Reception: April 7 at 7:00 p.m.

Easter Sunday- Protestant Sunrise Service- Eisenhower Golf Course:

April 8 at 6:30 a.m.

Catholic Mass: April 8 at 9:00 a.m.

Catholic Easter Brunch: April 8 at 10:30 a.m.

Combined Protestant Service: April 8 at 11:00 a.m.



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- Muscat is the capital
- Goat and camel hair fabric
- Raised meeting platform
- Oral polio vaccine developer
- Yield to another's wish
- A country's entry
- Hero of Spain El _____
- Partner of pepper
- Famous grandma artist
- Freedom from difficulty
- Supervises flying
- In spite of
- Insatiable
- Source of chocolate
- Sulk
- CCC
- Amounts of time

CLUES DOWN

- Popular Mexican dish
- Fe
- Obstruct
- Fixes firmly in
- Indian frocks
- Music, ballet and literature
- What part of (abbr.)
- More deceitful
- Informal term for data
- Chinese gelatin
- Repair fabric
- Nellie _____, journalist
- Single Lens Reflex
- Away from one's home
- Mined minerals
- Longest division of
- geological time
- Affirm positively
- Paul Adrien _____, Br. physicist
- Ballroom dance
- Tai (alt. sp.)
- Dental group
- Aba _____ Honeymoon
- Female sibling
- Today host Curry
- Deriving pleasure

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SUDOKU

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1			5					
	7	2						9
9						3		
				1	8			
2			4	7				
		6		5	7			

Solution on page 10

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www.jackquinnspub.com

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!


STEAKHOUSE



The Famous
719-227-7333
31 N. Tejon Street
www.thefamoussteakhouse.net

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Best Steak 2011, Best Fine Dining 2011, Best Martini 2011, The Gazette.
facebook.com/FamousSteakHouse

FINE DINING



The Margarita at Pine Creek
7350 Pine Creek Rd.
Colorado Springs, CO 80919
598-8667
www.margaritaatpinecreek.com

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.

**For advertising information
call Sara at 719-636-0130**



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