Cadets win cyber defense competition
Academy team repeats as NSA's champions of 13th annual exercise

By Academy Public Affairs

The Academy Cyber Team won the National Security Agency's Cyber Defense Exercise for the second year in a row, outscoring teams from other military academies in the U.S. and Canada.

The 13th annual inter-service Cyber Defense Exercise, held April 16–18, is a large-scale computer network defense competition designed to test a cyber team's ability to create and maintain a fully functioning computer network under a hostile attack.

During the competition, cadets in the Academy's Computer Sciences 469 Secure Networks course and members of the Academy Cyber Competition Team built a network with email, web and file transfer capabilities from scratch and defended their network from hackers, solved a forensics challenge, and secured a vulnerable web-server.

"Our second consecutive victory in the Cyber Defense Exercise is a result of the incredible dedication and hard work of our cadets," said Dr. Martin Carlisle, the Cyber Team's coach. "(Cadets) understand the critical role cyber plays in our nation's defense and are proactively learning as much as they can so they will be outstanding leaders in this domain."

The competition took place on virtual, private networks to provide a safe network for the exercise while preventing interference with real-world networks. The team will receive the NSA.

See CYBER Page 13

Every day, more than 3,000 personnel here burn Academy energy when they use their workspace appliances, contributing to a monthly electricity bill steep enough to buy a house.

Space heaters and dual computer monitors are just a few devices Russell Hume, a mechanical engineer with the Academy's Directorate of Installations, said Academy staff members could eliminate to conserve energy and lower the Academy's electrical cost.

"We found that across the Academy, it came to about 2-3 cents per square foot that the (Academy) could save by taking out what we would call unnecessary items," Hume said. "That doesn’t sound like a lot but when you have 6.4 million square feet of installation, (but) it comes to about $185,000 dollars a year the base could save by eliminating such things."

Last fall, Air Force Space Command issued a portable appliance policy to eliminate excess use of small appliances, resulting in a $10,000 energy cost reduction in one building alone. Hume said a similar policy here would have positive affects.

"I think people forget how many people are actually at the Academy and how much we actually do here," Hume said. "People should ask themselves, ‘Do I really need this?’ or ‘Do I need to leave this plugged in all of the time?’"

Hume said the Academy is also looking into installing light emitting diode bulbs in all streetlights here to help cut energy costs.

"It’s an expensive bulb but it’s highly more efficient," Hume said. "Its 12 watts that mimics 40 watts of an incandescent bulb and can last up to 22 and half years. Its 12 watts that mimics 40 watts of an incandescent bulb and can last up to 22 and half years. It looks like we'd save about $50,000 a year if we deploy LED streetlights throughout the base. The lights would save roughly one to two percent of our total energy at the Academy."

Hume said he counted 186 personnel with dual computer monitors in Harmon Hall alone.

Cutting down on printers, portable appliances at forefront

By Amber Baillie
Academy Spirit staff writer
A call for innovation

By James Cody
Chief Master Sergeant of the Air Force

Airmen are innovative and almost always have. We get the job done daily and in many cases, we know how we could do it better and save more time. We must harness our ingenuity and intelligence in meaningful ways as our Air Force is counting on us. We know you have ideas, and we want to hear them. This is not about doing more with less. This is about doing things better and saving every dollar we can along the way. That’s why we’re running a 30-day “Airmen Powered by Innovation” call for ideas on how we can cut costs and better fight and win.

One thing I hear a lot is the m i n d - s e t that a unit must spend all the funds allotted or risk seeing a reduced budget for the next year. To be clear, funds units save and allow us to re-purpose this year will have no impact on next year’s budget. Understand we’re at a critical point here, and every bit of savings we can capitalize on will go toward a mission requirement.

Let me be clear, saving money is an absolute imperative to mitigate the decline in our readiness. This is your Air Force and we all have a stake in shaping the future.

We will get through the challenges we face, just like we always do, and we will do it through the innovative spirit of our Airmen.

You can submit your idea of three ways: the Air Force Portal, which provides for submission of ideas and/or an interactive discussion; the Air Force public site, set up for access via your mobile phone or home computer; and the “Airmen Powered by Innovation” Facebook page.

Please take the time to send us your ideas today. To submit an idea, visit the Air Force Portal at https://www. af.mil, the Air Force public site at http://www. af.mil, or the innovation Facebook page.

Core values critical during sequestration

By Col. Joe Turk
721st Mission Support Group commander

CHEYENNE MOUNTAIN AIR FORCE STA- TION — As the Defense Department enacts budget and manpower cuts mandated by sequestration, we face challenges unlike any we have met before during my 25-year Air Force career.

Since the beginning of this fiscal year, we have been executing the budget under the guidelines of a continuing resolution authority that has restricted our ability to fund our requirements as we have in years past. This has led to new challenges in meeting operational and support requirements.

In addition to deep budget cuts, we face an impending furlough of civilian Airmen that will limit their workhours to 32 per week and prevent them from working after hours and on their furlough day — a cut of at least 20 percent to their work capacity.

Leadership has been developing plans for meeting our mission under the constraints of sequestration and you are critical to this process. As you evaluate your mission areas and develop plans for getting the job done with reduced resources, the Air Force core values must be the foundation for your decisions.

It begins with Integrity First. As Airmen, we strive to get the mission done no matter the circumstances or the resources; however, with unprecedented cuts to our budget and manpower, it is not possible to do the things we have always done — there must be impacts. We must have the integrity to identify the most critical mission tasks and clearly articulate to the chain of command those things we can no longer do and the impacts of not doing them. Under furlough guidelines, there are strict rules on what our civilian Airmen and leadership can do. We must adhere to these guidelines. If we violate these rules to minimize the impact of the furlough, we not only sacrifice our integrity, we break the law.

Finally, as we meet the challenges of sequestration, we have to put Service Before Self. I am not implying that a unit or temporary duty is not absolutely essential to execute a critical mission task, don’t expend the funds and identify this resource as something we don’t require. Our integrity will set the tone for how we execute our mission.

After we identify our most critical mission tasks, we must execute them with Excellence in All We Do. With limited resources, we lack the capacity to re-accomplish tasks — they have to be done right the first time. Now more than ever, we must hold our selves and our subordinates to a high standard of performance.

Correction: Capt. Marshall Klitzke’s last name was incorrectly spelled in the “4 Academy grads make progress in bid for Everest summit” published on page 10 of last week’s edition of the Academy Spirit. We regret the error.

Airmen IST CLASS Veronica Ward

Construction on schedule

Workers stand on a tower crane used during construction of the new Center for Character and Leadership Development, near the Terrazzo last week. All Academy staff and visitors are asked to avoid using the temporary construction barrier tape, while traveling through the area. Construction is scheduled to last through September 2014. The project was funded by Fiscal Year 2011 funds and donor funds. Look for construction updates in upcoming editions of the Academy Spirit.
WASHINGTON (AFNS) — The near-and long-term effects of sequestration and budget cuts for the military’s combat aviation assets was the focus of a House Armed Services Committee subcommittee panel on Capitol Hill April 17.

Two of the Air Force’s top experts on combat aviation acquisition and operations provided subcommittee members updates on the toll sequestration will take on combat readiness for the remainder of Fiscal Years 2013 and 2014, as well as for the years ahead.

Lt. Gen. Charles Davis, the military deputy for the office of the assistant secretary of the Air Force for acquisition, told subcommittee members that the primary Air Force mission requires the ability to strike any place on the planet while protecting U.S. borders. He stressed that the Air Force’s fiscal responsibility covers five core missions: air and space superiority, intelligence, surveillance and reconnaissance, global strike, command and control and rapid global mobility.

“The impact of sequestration means a reduction in flying hours that will cause harm to units that have had to cease flying operations,” Davis said. “That will result in severe and long term combat unit degradation. The loss of Air Force modernization will, over time, cost more taxpayer dollars to rectify by contractor restructures and increase in unit costs and delay in the delivery of capabilities to the warfighter.”

Lt. Gen. Burton Field, the Air Force deputy chief of staff for operations, plans and requirements, gave the subcommittee specific repercussions to the effects of sequestration.

“Based upon the fiscal restraints we’re facing in fiscal year 2013, we have decided to stop flying 13 combat flying squadrons. These are squadrons that are coded to go out and fight. The reason for the cuts is that we prioritized our commitment to Afghanistan; we took our combatant command requirements and tried to keep a fully-funded force in the middle of a fiscal year, stopped flying a third of our combat forces because of a money issue,” Field said.

“We are developing a return to fly program for those affected units, but it will take time, additional resources and a reduced (operations) tempo to fully recover. The sooner we begin to fly a full training program, the sooner we will recover. But, make no mistake; it will still be an uphill battle.”

Davis emphasized to the subcommittee that the effects of reducing aircraft production, limiting depot maintenance, reducing training and closing fighter and bomber squadrons will have an impact far beyond the next fiscal year.

“We’ll probably delay the start of the F-16 combat avionics program and enhancement systems program, as we look to see how much money we have to start that, and how quickly we can ramp up to replace the radars on the F-16s,” he said.

“One thing that’s very troubling is that we know that some portion of our Fiscal Year 2013 buy of F-35s will be cut. That’s about a third of a squadron’s modernization that will be pushed off at least for another year.”

Davis told the subcommittee that by pushing back modernization and extending legacy aircraft, there stands a greater chance of negative issues during the decade ahead.

“We have to address our readiness in 2020. We talk about how many fighters should be on the ramp right now and how many tankers should be on the ramp right now. But there is a cost to keeping those legacy aircraft afloat. In 10 years, we’ll be using the same aircraft that becomes 10 years older, so we’re going to have to take some risk between now and 10 years from now in terms of how ready we are for today’s fight versus how ready will we be for tomorrow’s fight.”
1st Sgts to take over Amn’s Attic access

Airman 1st Class Veronica Ward
Academy Spirit staff writer

Beginning May 1, the Airmen’s Attic will no longer operate on its previous schedule and customers will need to contact an Academy first sergeant before donating or picking up items.

“Due to logistical challenges, military members will need to contact a USAFA first sergeant to coordinate when to visit the attic if they have a need,” said Master Sgt. Alan Martin, the Academy command section’s first sergeant.

The Attic, on the 4700 block of Ponderosa Drive in the Douglass Valley housing area, is managed by the Academy’s First Sergeant Council and staffed by volunteers. The Attic has long been a staple of support for lower-ranking Airmen who find themselves in need of basic household goods, such as furniture or kitchenware.

The Attic’s primary purpose is to serve lower ranking Airmen and while it’s open to active duty members from all service branches, only an Academy first sergeant can coordinate customer visits, Martin said.

Donation of items are always welcome, but customers shouldn’t leave donated goods outside the Attic or on the nearby street.

“When people drop donations off at the Attic without coordinating with a first sergeant, it hinders the appearance of the facility and directly inhibits the appearance of USAFA,” said Master Sgt. Steven Lester, the Academy’s First Sergeant’s Council president. “Forest City has been gracious enough to provide us with the facility and, in turn, we work very hard to keep the appearance to their standards.

Forest City Residential Management owns and operates all Academy base housing.

Popular items at the Attic include pots and pans, clean linen, furnishings, and unbroken toys and games, Martin said. Although appreciated, customers are asked not to donate clothing, cleaning products, perishables, or anything in ill repair.

Active-duty Airmen and reservists with Title 10 orders in the rank of E-5 and below, and civilians GS-5 and below are eligible to use the Airman’s Attic. Military families needing furniture and other items due to an accident, natural disaster or other special circumstances may also be eligible, but should meet with their unit’s first sergeants for more information.

“Thank you to the community, base and volunteers for their continued support throughout the years for the Airman’s Attic,” Martin said. “We wouldn’t have been able to help countless Airmen without your support.”

10th ABW commander gets orders to Pentagon

10th Air Base Wing commander Tim Gibson recently received orders to the Pentagon where he will serve as the director of joint integration at the Directorate of Operational Capability Requirements.

In January, Gibson was nominated by the president for appointment to the rank of brigadier general.

Gibson, an ’88 Academy graduate, has served at the Academy since June 2011.

Celebrating Earth Day with science

Emily (left) and Mallory (right) help Dr. Ron Furstenau demonstrate the effects of liquid nitrogen on a carnation during a chemistry magic show at the Garden of the Gods Visitor Center April 20. Native American dancers and animals of the region were also featured. Furstenau is an instructor with the Air Force Academy’s Chemistry Department.

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The Academy’s chief diversity officer spoke to Rotary Club members at the Cheyenne Mountain Resort in Colorado Springs, Colo., April 18, to discuss the development of the Ambassadors of Inclusion program.

AOI will take flight for the second time as a two-year pilot program. “The program I designed at the Academy has many elements from what I experienced,” said Dr. Adis Vila.

AOI gives second and first class cadets the chance to shadow executive of multinational firms in foreign countries to learn about different cultural and organizational philosophies. A former Rotarian herself, Vila highlighted the internship program and successes from its debut last April, raising awareness for the program and hoping to catch wind as a flagship opportunity for Academy cadets.

“When you see what we are doing with the AOI program I hope you have a lot of pride,” Vila said. “It was the work that Rotary did for me back then to help me get a handle on what international understanding was about that led me to put this together for these wonderful young people today.”

Vila has years of experience in cultural immersion: she was a Rotary Ambassadorial scholar, studied international law in Switzerland, and is a former professor of international business and international law.

Eight AOI cadets were present and shared their perspective with the Rotarians about being in the program.

“AOI has led to figuring out what type of high-impact programs we can develop to ensure that we have our young people ready to lead in a very global world.”

- Dr. Adis Vila, chief diversity officer

“The program I designed at the Academy has many elements from what I experienced,” said Cadet 2nd Class Richard Cook, a member of last year’s participating class. The audience was very receptive of the speech, asking questions and giving positive feedback to the cadets afterwards.

“I think it’s an excellent program,” said Tony Cerato, a foundation chair for the Rotary Club of Colorado Springs and the annual and permanent fund chair for 24 years. “I couldn’t agree with (Vila) more: the more knowledge we have about other cultures and businesses, the better we will be prepared to be leaders.”

Last year, 10 cadets traveled to six different countries as intern at major companies such as IBM and Ingersoll Rand. They spent three weeks abroad, learning about organizational and management philosophies from different cultures. “I had the pleasure of going to Guam with Sodexo last summer,” said Cadet 2nd Class Christian Brechbuhl. “I loved seeing how Sodexo adapted to work in a new environment.”

Learning about different cultures and how they work together in a global workforce were just some of the experiences cadets from last year’s program shared.

“Facing a large language barrier because I had no training in Chinese before leaving,” Cook said about some of the challenges he faced. “It was good practice in understanding body language. I am glad I had the challenge because, as an Air Force officer, I won’t always have the benefit of language training before deploying to a different country.”

“This summer, 13 cadets will travel to Belgium, Costa Rica, Cairo and other countries. The AOI program is funded by the sponsoring private companies and participating cadets use their three weeks of summer leave to take part in the internship. The cadets themselves come from different backgrounds and, for some, this will be the first time traveling outside the U.S. “We have 12 different majors, from physics, aeronautics, political science, foreign area studies, you name it,” Vila said.

The AOI program stems from the 2011 Military Leadership Diversity Commission report and the 2012 U.S. Air Force Diversity Strategic Roadmap. These studies were conducted to identify specific issues within the military and propose solutions based on the research. “All of this has led to figuring out what type of high-impact programs we can develop to ensure that we have our young people ready to lead in a very global world,” Vila said.

The concepts of diversity in the Air Force were the main focus throughout the presentation: demographic, cognitive, behavioral, organizational, structural and global concepts. The AOI program encourages participants to view as force multipliers in accomplishing the Air Force mission.

“In today’s world, they have to be more knowledgeable about cross-cultural understandings to be effective,” Cerato said. “Not just internationally but even at the Academy and even in our own country where we have our own diversities.”

Vila’s ultimate goal for the program is to develop leaders with diverse backgrounds so later on in their careers, they are able to bring that experience with them and apply it to military situations. “In this program cadets learn about different cultures, different organizations, different philosophies of management and different leadership styles,” Vila said. “We hope that in the time they participate they also gather numerous interpersonal skills by interacting with the mentors, with their execu- tives, with whom we put them in touch.”

After learning AOI was still in its pilot phase, some Rotary members expressed the desire to support it as a permanent academic program. “This particular program, I mean, you have to be proud,” said retired Brig. Gen. Bradley Butler, a Rotary Club member. “It speaks more for us as an Air Force and as an Academy that we would provide these kinds of programs to recognize the importance of that and have that be a key program for us.”

Vila emphasized that understanding different backgrounds and cultures is crucial - now more than ever - for the U.S. military in accomplishing its mission.
Astronaut, Academy grad inspired by Tuskegee Airmen

By Airman 1st Class Veronica Mard
Academy Spirit staff writer

An Academy graduate and astronaut will return to his Air Force origins when he speaks at the Tuskegee Airmen Celebration in the Arnold Hall Ballroom, 7 p.m., today.

Retired Col. Benjamin Drew graduated from the Academy in 1984 with a Bachelor of Science in astronautical engineering and physics; this set the foundation for his 25-year Air Force career and the talents that led to his current position as the NASA liaison for Air Force Space Command at Peterson Air Force Base.

“As a young Airman, the Tuskegee Airmen were an inspiration to me,” Drew said. “This was a group of African-Americans with courage and such patriotism to their country, even though they weren’t enjoying the nation’s ideals at home, they were still dedicated to the cause and concept. Then, after (World War II), they didn’t just go back to the farm, they remained contributing members of the force.”

Drew said he hopes those attending the celebration will leave with a deeper appreciation for the courage and sacrifice of the Tuskegee Airmen.

“They gave their lives defending our nation when it faced national crisis,” he said. “This is part of the Air Force heritage and I am honored to be given the opportunity to part of this event.”

Just as the Tuskegee Airmen fought to be included as pilots during World War II, Drew sometimes found himself having to prove his own abilities, he said.

“People didn’t see things as possible like I did, so I sought out to do the things I’ve been trained to show other African-American men and women that it can be done,” he said. “I was given credibility to do the things that I can do in space because the Tuskegee Airmen proved that they had the courage and skill to perform in aviation.”

The celebration’s theme, “From Aviation to Aerospace,” commemorates the history of the first African-American aviators, said Cadet 2nd Class Loyd Bradley, president of the Academy’s Way of Life Committee, the event’s sponsor organization. Drew’s presentation will also show all Airmen can relate to the Tuskegee Airmen.

“All of us have benefitted from the Tuskegee Airmen and their accomplishments,” Drew said. “They tell anyone out there that those limits are long since gone.”

“The Tuskegee Airmen are an example that exemplifies the core values and helps Airmen learn what is expected of them,” he said. “If you’ve got the integrity and skills, there is no limit to what you can do in the Air Force.”

In the 29 years since graduating from the Academy, the biggest change Drew has seen in the Air Force and at the Academy is acceptance of women and their achievements.

“The Academy is very different from what it was,” he said. “When I attended the Academy, the first class of women had graduated only three weeks prior. But they are no longer a novelty. Women have established their credibility and the skepticism has dissipated.”

Diversity and quality go hand-in-hand, Drew said.

“I want the best people to get the job done,” he said. “Excluding one group means you are excluding all of those talents. The cost to attend the event is $10 for cadets, $20 for civilians and service members. To RSVP call 333-3540.

COURTESY PHOTO
Retired Col. Benjamin Drew has two spaceflights under his belt as a NASA astronaut, drew, an Academy graduate, is the featured speaker at the Tuskegee Airmen Celebration at the Arnold Hall ballroom, today.
academy equestrian team coach kari randle helps cadet 1st class john ploschnitznig and his favorite academy horse, hollywood, in the corral after ploschnitznig practiced his riding techniques wednesday morning at the academy equestrian center stables. hollywood, a nine-year-old thoroughbred, was previously owned by the marine corps before being purchased by the academy.

schnitznig brushes down hollywood after a practice session, wednesday morning.

by amber baillie
academy spirit staff writer

by kevin bailey
academy spirit staff writer

every time cadet 1st class john ploschnitznig heads down to the equestrian center stables here, he never knows what to expect from “hollywood,” the academy-owned nine-year-old horse he rides.

the tall, black thoroughbred may be feeling energized and ready to jump a fence, or sluggish and only want to nibble on his hay. nevertheless, ploschnitznig’s determination to get them to work as a team has taken him far on the academy’s equestrian team, all the way to his becoming the first cadet to qualify for the intercollegiate horse show association national championships may 2-5 in harrisburg, pa.

“it can be really frustrating dealing with an 800-pound animal with its own brain that has its own mood fluctuations,” ploschnitznig said. “that’s my favorite part about riding. no matter how things start out with the horse, it’s about working to get the result you’re looking for and when you get there, it’s a great feeling.”

ploschnitznig, a native of pittsburgh, joined the academy’s equestrian team in august 2011 without any prior experience riding horses.

“They always say to try new things in college and I had always wanted to ride horses,” he said. “growing up, my dad said, ‘you’re not going to ride them because it’s an expensive thing to get into, no one else in the family rides and we don’t know anything about horses. what i found out when i came here is that it’s more accessible than you might think. as soon as you get to know people who ride horses, they want to share it with you and bring you into the riding world.”

ploschnitznig attends practice three times a week and private lessons once a week with the team’s coach, kari randle.

“getting down to the stables and putting in my private lessons has helped me out a lot and coach kari has brought me a long way from where i first started,” ploschnitznig said. “kari has been instrumental in bringing the team to where we are today and the dedication from mary kelly (an economics professor here and the team’s officer in charge) has enabled us to build a team, bring in good horses and have opportunities to compete.”

the equestrian league is split into regions, zones and the national level. ploschnitznig placed second at regionals this year and first at zones, qualifying him to compete with 16 other riders in the walk-trot-equitation event at nationals.

there are at least 1,000 college students who compete in walk-trot and he is one of 17 riders who made it to nationals.

“that’s an amazing accomplishment,” ploschnitznig said. “it’ll be their first time seeing me compete on a horse, so i’m excited for that,” he said.

after ploschnitznig graduates from the academy, he will be stationed at good fellow air force base, texas, and wants to continue to grow in the sport.

“my time in the league here is coming to an end but i plan to find a new sport within the equestrian world,” ploschnitznig said. “it’s a lifelong activity and i’ve really enjoyed it.”

the academy’s equestrian team was created two years ago and currently consists of 10 cadets and 14 horses. it’s open to anyone cadet who would like to join.

“although i’m the first cadet going to nationals, we have a lot of good riders here and kids coming into the academy who are interested in riding,” ploschnitznig said. “each practice is about 2-3 hours, an hour spent riding and the rest of the time getting the horse ready to ride. as long as you’re willing to learn and put in the work, anyone can get involved.”

kelly said she’s proud of ploschnitznig and that he’s done an amazing job working hard to become a terrific rider.

“there are people who have been riding their whole lives who never even make it to the regional competition,” kelly said. “he started riding 19 months ago, so i encourage cadets who have an interest to talk with me or another team member and come down to the barn for a ride.”
4 Falcons named to WWPA All-Academic Team

LOS ANGELES — Air Force water polo players Andrew Hamilton, Mike Radosevich, Max Reilly and Garrett Womack have each been named to the 2012 Western Water Polo Association All-Academic team, as announced by the league, March 21.

Reilly earns the honor for the second-straight season, while Hamilton, Radosevich and Womack each garner their first all-academic team nods.

A total of 97 student-athletes were named to the WWPA All-Academic team for the 2012 season. The team consists of members who carried a 3.0 cumulative GPA (on a 4.0 scale), played in at least 50 percent of the team’s contests during the season, and were classified as a full-time student who completed a minimum of one semester or two quarters at his institution.

Radosevich, a senior from Temecula, Calif., leads the team with a 3.11 GPA as a civil engineering major. This season, he tallied four goals and four assists, while also adding five steals.

Reilly, a junior from Davis, Calif., carries a 3.04 GPA as a biology major. Playing in all 31 contests for the Falcons this season, he finished the year with 21 goals and 30 assists, ranking second on the team in the latter category.

Hamilton, a junior from Mechanicsburg, Pa., currently holds a 3.01 GPA as a biology major. A starter for Air Force this season, Hamilton recorded 47 points on the season, including 40 goals, while adding 22 steals.

Finally, Womack is a senior from Redlands, Calif., who carries a 3.00 GPA as an aeronautical engineering major. One of the Falcons’ starters and top defensive players, Womack recorded 20 goals and 25 assists on the season, in addition to nine steals. He was also named a second-team all-tournament selection at the 2012 Western Water Polo Association Championship.

Since 1989, Air Force has had 47 different players earn a total of 87 WWPA All-Academic honors, including three who were four-time honorees.

Air Force ends season with NCAA championships

STATE COLLEGE, Pa. — The men’s gymnastics season came to a close for Air Force April 20 as sophomore Gared Chapman and junior Mac Ritchie wrapped up competition at the individual event preliminaries of the 2013 NCAA Championships in State College, Pa.

The pair, each making their first appearance in the individual event preliminaries, represented the Falcons at Penn State’s Rec Hall. Competing in two events, Chapman finished 34th on the still rings (14.350) and 40th on the vault (13.700), while Ritchie scored a 13.800 to take 33rd on the high bar.

Michigan picked up its fifth national championship, winning the 2013 title with a score of 443.200. Oklahoma finished second with a score of 440.100, while Stanford (436.150) edged host Penn State (436.100) for third.

Iowa finished fourth with a score of 426.450 and Illinois, the 2012 national champions, rounded out the six-team finals with a score of 422.550. The Wolverines also secured the all-around title behind a 91.150 from Sam Mikulak.

GOLF: Today and Saturday for the PING Cougar Golf Classic, the final regular season tournament, in Provo, Utah.

LACROSSE: Noon (MT) tomorrow to face Hobart, at the Academy.

MEN’S TENNIS: tomorrow and Sunday for the Mountain West Championship.

TRACK AND FIELD: Today and Sunday for the Drake Relays, in Des Moines, Iowa, and the Jack Christiansen Invitational in Fort Collins, Colo.

WOMEN’S TENNIS: 2 p.m. (MT) today to face the Rebels for the 2013 MW Championship, at the Academy.

BASEBALL: 3 p.m. (MT) today and 1 p.m. Saturday against Nevada at Falcon Field.
5 Falcons set track, field records

NORWALK, Calif. — The Air Force track and field team made five additions to the Academy’s all-time book during competition at the Beach Invitational, April 20. Grant Hamilton broke the Academy’s 36-year-old Freshman Class Record in the shot put by nearly two feet, as he recorded a career-best distance of 36'1½” to finish sixth. Hamilton, who recorded the class record in the discus throw, moved one second off of his previous best time in the “invitational” race, became the third Falcon since yesterday to impact the program’s top-six in the long jump (eighth) with a wind-aided distance of 23'9".

Senior Rob Simmons also reached the men’s record book at the invitational, as he moved into fourth on the Academy’s all-time list, with a time of 40.87. Following a second-place finish in the same race at the Mt. SAC Relays in nearby Walnut, Delgado returned to the invitational and clocked a season-best time of 22.08 to take 22nd in the 94-runner 200-meter dash.

Freshman Angelea Ross moved into fourth in the long jump (eighth) with a wind-aided distance of 23'9".

On the women’s side, senior Melissa Fuerst recorded the third-fastest 1500-meter time in Academy history, as she crossed the finish line in a career-best 4:59.04. Fuerst, who finished second among collegiate runners and sixth overall in the “invitational” race, became the third Falcon since yesterday to impact the program’s top-six in the 1500-meter run.

Freshman Angelica Ross moved into fourth in the program’s triple jump standings, as she recorded a career-best distance of 39'4½” to finish seventh in the field of 35, while sophomore Morgan Malone improved her sixth-place standing of the 200-meter dash all-time list with a finish of 25.32.

The quartet of senior Uzor Udensi, senior Anthony Delgado, sophomore Jake Spuller and junior David Placek won the 4x100-meter relay with a time of 40.87. Following a second-place finish in the same race at the Mt. SAC Relays in nearby Walnut, Delgado returned to the invitational and clocked a season-best time of 22.08 to take 22nd in the 94-runner 200-meter dash.

Freshman Joe Wilkin accounted for a career-best time of 14.78 in the 110-meter hurdles to finish 16th out of 67 runners, while also cutting one second off of his previous best time in the 400-meter hurdles (56.26). Sophomore Blue Kearney, who also accounted for a season-best 46'1¼” in the triple jump, earned a top-10 finish in the long jump (eighth) with a wind-aided distance of 23'9".

WARRIOR GAMES SCHEDULE

May 11:
- Opening Ceremony: 12:15 p.m., at the U.S. Olympic Training Center Winder Center
- Sitting volleyball: 3:55 p.m., at USOTC
- Warrior Games Tailgate: 5-8 p.m., at USOTC

May 12:
- Cycling: 12:30-4 p.m., at Falcon Stadium
- Wheelchair Basketball: 6-7:30 p.m., at USOTC
- Sitting Volleyball: 8-9:30 p.m., at USOTC

May 13:
- Shooting: 8 a.m.-4:30 p.m., USOTC
- Wheelchair Basketball: 5:30-7 p.m., at USOTC
- Sitting Volleyball: 7:30-9:30 p.m., at USOTC

May 14:
- Track and Field: 8 a.m.-4:30 p.m., at the Academy track
- Wheelchair Basketball: 4:30-6 p.m., at the Cadet Gym
- Sitting Volleyball (Gold): 6:30-7 p.m., at the Cadet Gym
- Wheelchair Basketball (Gold): 8-9:30 p.m., at the Cadet Gym

May 15:
- Archery: 7 a.m.-3:30 p.m., at the Academy Track
- Wheelchair Basketball (Bronze): 4-6 p.m., at the Cadet Gym
- Sitting Volleyball (Bronze): 7:30-9:30 p.m., at the Cadet Gym

May 16:
- Swimming: 8-4:30 p.m., at the Academy Pool
- Dinner, closing awards, recognition ceremony: 6:30-7:30 p.m., at the Academy Field House
- Concert: 8-10 p.m., at Clune Arena

Solution on page 6

Fun By The Numbers

Like puzzles?

Then you’ll love sudoku. This mind-bending puzzle will have you hooked from the moment you square off, so sharpen your pencil and put your sudoku savvy to the test!

Here’s How It Works:

Sudoku puzzles are formatted as a 9x9 grid, broken down into nine 3x3 boxes. To solve a sudoku, the numbers 1 through 9 must fill each row, column and box. Each number can appear only once in each row, column and box. You can figure out the order in which the numbers will appear by using the numeric clues already provided in the boxes. The more numbers you name, the easier to get to solve the puzzle!
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Energy

From Page 1

“I realized we may be using more energy than necessary,” Hume said. “Staff can help save energy by eliminating these items that may or may not be necessary. I don’t think too many people have dual monitors at their house.”

Hume said even if personnel were to use LED screens, the cost would still be steep. “They’d still be about 75 watts,” Hume said. “If you take that times 3,000 people times eight hours a day, it starts to add up. When you multiply by the size, it becomes real money and really impactful.”

Hume said A6 (Communications) has also worked on printer consolidation to help lower energy use.

“There are quite a few printers and computers that are unfortunately on all the time and depending on how they’re set, never go to a power-safe mode,” Hume said. “I ask people to be conscious when using appliances at work. They should use them as if they were their own.”

Hume said Fairchild Hall uses the most energy here due to its size and the Academy’s Aero Lab uses the most energy per square foot. He also said the predominant energy source in the Air Force is aviation fuel.

“For a lot of cadets here, at least half of the graduating class will go on to be pilots,” Hume said. “Professors here have been really involved in passing on that information, not only on energy use in our facilities but also when it comes to aviation. It’s important for cadets to understand the impact.”

Hume said another way the Academy could potentially conserve energy is to cool its facilities in the evenings.

“Having the building start out cooler in the morning would mean we wouldn’t have to use as much energy to keep it cool as the day heats up,” Hume said. “The objective is always to keep at our set points which are 78 degrees Fahrenheit in summer and 68 degrees Fahrenheit in the winter.”

Hume said despite utility rates increasing, the Academy has recently seen a drop in energy use.

“We pay about $6 million in energy a year and that’s decreased due to some of the technology we’ve deployed such as some of our solar projects here,” Hume said. “A couple years ago the cost was up to eight or nine million a year so we really have saved money.”

Hume said water use is also something to be conscious about this next year.

“The reservoirs are low and aren’t making any more water,” Hume said. “In the past 15 years I’ve worked here, I’ve seen the different weather cycles here. I remember the drought we saw in the early 2000s where water restrictions were enforced, and it seems we’re now shifting back into that mode and mindset.”
DEA drug take-back day

Academy personnel may dispose of their expired medication at the South Gate Pass and Registration Center today from 10 a.m. to 2 p.m.

The event is part of the Drug Enforcement Agency’s National Prescription Drug Take-Back Day to give customers a chance to properly dispose of unneeded, unused or expired medication. Academy customers may also drop off unneeded medication at a drop box located in the 10th Medical Group’s pharmacy during normal duty hours on weekdays.

For more information, visit www.deadiversion.usdoj.gov.

AFAF continues through May 3

The 2013 Air Force Assistance Fund ends May 3. The campaign raises annual funds for affiliated charities supporting Air Force families, dependents and surviving spouses who face emergencies or other forms of financial need.

The Air Force goal is $6.55 million, and the Academy hopes to contribute $78,992.

The 2013 Air Force Assistance Fund ends May 3.

Cadet Sponsor Program

Class of ’17 cadets need sponsors to build a professional mentoring relationship and provide a home away from home for cadets.

Eligible sponsors are captains and above, technical sergeants and above, and civilians GS-05 and above. Cadets are scheduled to meet their sponsors at the Doolie Day Out event at the Academy, July 20.

For more information, visit www.usafa.edu/cadetFocus/cadetSponsor/index.cfm or call 333-2727.

Asian Pacific American Celebration

The Asian Pacific Observance Committee invites all Academy members and their families to the 2013 Asian Pacific American Heritage Celebration at the Arnold Hall Ballroom noon – 1 p.m., May 8.

Event cost in $10 and the featured menu includes Hawaiian Barbecue Chicken, Kalua Pork and cabbage, Chicken Katsu, steamed white rice and salad.

Scheduled guest speaker is Lt. Col. Melissa Howard.

To RSVP, call 808-315-0634. RSVPs must be in by May 3.

HAWC Events

National Fitness Month: May is National Fitness month and the HAWC is sponsoring “Workout Wednesdays” every Wednesday during May at the following times and locations: 3:30 p.m., May 1, Parcourse; 7 a.m., May 8, Pine Valley Stairs; 5 p.m., May 15, HAWC; 7 a.m., May 22, Santa Fe Trail.

Tobacco Cessation: Academy members who want to quit using tobacco can call 333-3733 to schedule a personal session with HAWC staff who will guide them through behavioral, casual and supportive training.

Walk-in appointments are 1 p.m.-3 p.m. Mondays, Wednesdays and Fridays. Patients interested in using medication to break their tobacco habit must visit their primary care manager prior to visiting the HAWC.

Once customers receive a briefing by HAWC staff, they will receive a certificate to get their prescription filled.

Warrior Games needs volunteers

Volunteers are needed to assist the U.S. Paralympics, a division of the U.S. Olympic committee, with the 2013 Warrior Games, May 11-17, at the U.S. Olympic Training Center and the Air Force Academy.

The Warrior Games are a sport competition for sick and injured service members and veterans. For more information, visit https://www.facebook.com/WarriorGames.

Women’s Equality Day

The Women’s Equality Day Luncheon committee seeks volunteers to help plan this year’s luncheon in August.

For more information, call 333-5503.

AFRC events

Resume writing workshop: April 30, 1-4 p.m.

One of the most important steps in the job search process is writing a solid resume that gets an employer’s attention.

An effective resume will open the door to an interview and possibly your next career.

The course will also discuss cover letters.

For more information on Airman and Family Readiness Center events, call 333-3444.

10th ABW chaplains need input

The 10th Air Base Wing Chaplain seeks input from the Air Force Academy community as it compiles the Fiscal Year 2014 Plan and Budget.

The survey takes only a few minutes to complete and can be found at www.surveymonkey.com/s/LPTDJZ5.

AFSA events

5k run: Air Force Sergeants Association Falcon Chapter 1180 invites all cadets, retirees and active-duty service members to participate in a 5k run/walk at the Parcourse every third Wednesday following the monthly AFSA meetings, 3:30 p.m. at the Falcon Club.

Runners who participate in six runs will receive a free AFSA Club T-shirt. Enlisted Airmen who are not AFSA members will receive a one-year membership after completing eight runs.

Participants can sign in at the blue track located behind the fitness center.

For more information, call 333-8999 or 333-3026.

Retiree Office needs volunteers

The Southern Colorado Retiree Activities Office is in need of volunteers to assist with a variety of projects, such as computer database work, newsletter creation, tax preparation, etc.

The RAO is manned by volunteers weekdays from 9 a.m. to 4 p.m. To volunteer, call 556-7153 or email rao.petersen@us.af.mil.

Aero Club special

The Academy’s Aero Club offers two sessions with two hours of pre-flight instruction and two hours of in-air instruction for $250.

For more information, contact the Aero Club at 333-4542.

Vacation Bible School volunteers needed

Volunteers are needed for Ecumenical Vacation Bible School, 5:30 p.m.-7:30 p.m., June 10-June 14.

VBS registration begins April 21; children 4 years old through fifth grade are invited.

To volunteer, call 333-3300.
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