

COMING UP ACESProfessor named ACE fellow. **Page 3****PATENT PENDING**Aero department professor, cadets sign design jet engine. **Page 6****WARRIOR GAMES**Air Force selects team, coaches for Warrior Games. **Page 10**

ACADEMY SPIRIT

**TAIL WINDS**Academy command chief to retire. **Page 4**

Into the sunset



Members of the AFA Wings of Blue parachute team complete an Arizona sunset jump at Gila Bend Auxiliary Field March 20.

For stories and photos of the Wings of Blue see pages 8-9.

TECH SGT.
JOSEPH VALENTE

Care to share?

Academy needs community feedback for 2012 forum

By Amber Baillie
Academy Spirit staff writer

The Academy's 2012 Caring for People Forum will take place May 10 from 9-3 p.m. at the Community Center Chapel to acknowledge and improve the needs of the community.

The forum, consisting of Academy leaders, active-duty service members, and Defense Department civilians, will allow people to directly address what is needed to improve the quality of life on the installation.

"Your concerns are our concerns," said Chaplain (Lt. Col.) Randall Erwin, 10th Air Base Wing chaplain. "It's important that we foster a culture of care and give people the opportunity to tell leadership, 'Hey, I don't know if you can do anything about it but this is an issue at the Academy.' It can be anything that concerns our people or community."

The last forum in December 2010 formed the four community initiatives emphasized in the Academy's Community Action Plan. The areas of focus are: to develop creative marketing of on-target community tools and resources, develop proactive self-care



and well-being, increase deployment and transition support and increase communication and resolution of concerns between Academy residents and Forest City Residential.

"The plan was built from those desired community results," Erwin said. "We're using this forum to validate our initiatives and get more information. Even though we've got a plan, we want everybody to read it, process it and give us feedback: Are we on-target? Have we gone enough in depth? What

else needs to be done?"

Erwin said that these initiatives are areas that need to be improved.

"It's not that these things aren't happening, it's that we recognize these things as critical to lives of our people and if we can improve it, we'll do a better job."

The plan was derived from the Community Action Information Board, chaired by 10th Air Base Wing Commander Col. Thomas Gibson. The Integrated Delivery System draws in helping agencies to coordinate care. Gibson signed the CAP on Nov. 10 and it is to be evaluated monthly at the IDS meeting and quarterly at the CAIB meeting.

"Colonel Gibson signed it saying, 'These are my priorities for the next two years for people,'" Erwin said. "It's his plan but we hold meetings and come up with ideas because it's our responsibility to make this stuff happen."

A minimum of two to three representatives from each demographic are needed for the forum, such as commanders, first sergeants, single parents, Airmen's Council, reservists, retirees and more.

See Forum Page 3

Never saw this coming: Lessons learned in trying times

Commentary by Maj. Gen. A. J. Stewart
Air Force Personnel Center commander

JOINT BASE SAN ANTONIO-RANDOLPH, Texas (AFNS) — I had the world by the tail: U. S. Air Force Academy graduate, Air Force pilot, six-time commander, 30-year Air Force career, and two stars; fit, healthy and strong. But subtle problems appeared out of nowhere: occasional vertigo, mild persistent headaches, cognitive challenges, having to stop during a hard run.

I went to see the flight surgeon and was immediately referred to a neurologist. An MRI revealed a golf-ball sized tumor on the left temporal lobe of my brain and the doctor bluntly told me, "Your life will never be the same." I was literally stunned.

Swelling was critical and I was admitted for surgery five days later. The surgeon briefed me on all that could go wrong, but the young Air Force captain performed expertly. He gets my vote if I ever need another surgery.

The tumor was successfully removed down to the microscopic level. The question remained: "Why did I have a tumor?" The news from the lab was not good: malignant growth from stage IV of the worst form of brain cancer.

It was time to fight.

After a few weeks of recovery from surgery, I felt like a million bucks. My fitness and strength were returning and I was back to full duty and physical activity. Also, I simultaneously started a six-week, aggressive anti-cancer

"Be fit, be strong, and be healthy every day. Fitness is not about just passing the Air Force fitness test or deploying, it is about saving your life."

radiation and chemotherapy treatment plan.

The doctors told me I would be fatigued, suffer nausea and lack energy from the treatment. To counter those potential symptoms, I got back in the weight room, back on my bike, back on the running trail, back on the golf course and back to full-time duty as commander of the best organization in the Air Force — Air Force Personnel Center!

The negative side effects never showed up. My fitness, strength and health remained good, but it was also the hundreds of emails, cards, letters and prayers from my family, friends, coworkers and even strangers that helped me keep my spirit up.

Last week, I completed my last of 30 radiation and 42 chemotherapy treatments and I still feel great! The next critical step is another MRI in a few weeks to see if the cancer has returned. I pray for good results.

I never saw any of this coming.

I have learned a few lessons along the way that may help others who find they are facing tremendous challenges:

Be fit, be strong, and be healthy every day. Fitness is not about just passing the Air Force fitness test or deploying, it is about saving your life. A well rested, strong

"Life is short and precious. If there are things you want to accomplish in life, get busy now. 'One day' and 'someday' may never come."

body and a healthy diet can help you fight off tough challenges when they come.

Life is short and precious. If there are things you want to accomplish in life, get busy now. "One day" and "someday" may never come. Push yourself to do more, now. Tomorrow is not promised, so do not waste a day.

Be positive. Brain tumors can be fatal, so there's no room for defeatism; you have to fight a challenge like you intend to win. Leave negative thoughts behind and be ready to endure. Run your race like a winner. Attitude may be the number one component of success.

Be open and honest, up and down the chain. Our Air Force is a family. I have received the support of literally hundreds of kindred Airmen, with a big "A." The Air Force has proven itself a family from our senior leadership to our youngest Airmen, including civilians and supporters. If folks know your challenges, they can help. My AFPC and A1 family have been magnificent. They have opened their arms and hearts, and carried me through the tough times.

Be a bouncer. Bad things sometimes happen. It is not a question of whether you will take a fall, so get over it. The question is, will you bounce back? It is really up to you. Be tough minded — you are a warrior! Think like a winner and bounce.

Love your family. My wife, Aretha, has been the "wind beneath my wings" and my rock. She has been beside me every step of this journey and she insists I keep a positive attitude. She ran the Marine Corps Marathon last fall at age 50! She is 100-percent positive and endures. I thank God for having her as my wingman. My mom, sisters and extended family have also been my cheering section. They are irreplaceable and I love them dearly.

This is a tough, unexpected fight and it is not over. Our most humble "thank you" from Aretha and me. We are overwhelmed with your support, words of encouragement and prayers.

I've cleared a few hurdles, but the fight is still on. I intend to win.



Shirley Williams
Visitor Center Information
Receptionist

'I Care...'

**National Suicide
Prevention Lifeline -**
800-273-8255
Mental Health -
Active Duty, Dependents
719-333-5177
Equal Opportunity -
719-333-4258

Peak Performance Center -
719-333-2107
Employee Assistance Program -
719-333-4364
Chaplains -
Cadets 719-333-2636
Non-cadet 719-333-3300

**Sexual Assault
Response Coordinator -**
719-333-7272
**Military Family Life
Consultant -**
719-358-1468 or
719-333-3444

ACADEMY SPIRIT

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

Lt. Gen. Mike Gould —
Academy Superintendent
Lt. Col. John Bryan —
Director of Public Affairs
Gino Mattorano —
Editor

Don Branum — Staff Writer
Amber Baillie — Staff Writer
Carol Lawrence — Graphic Designer

The Academy Spirit is published by The Gazette, a private firm in no way connected with the U.S. Air Force, under exclusive written contract with the U.S. Air Force Academy. This civilian enterprise Air Force newspaper is an authorized publication for members of the U.S. military services. Contents of the Academy Spirit are not necessarily the official views of, or endorsed by, the Department of Defense or the Department of the Air Force.

The appearance of advertising in this publication, including inserts or supplements, does not constitute endorsement by the Department of Defense, the Department of the Air Force, or The Gazette, of the products or services advertised. Everything advertised in this publication shall be made available for purchase, use or patronage without regard to race, color, religion, sex, national origin, age, marital status, physical handicap, political affiliation or any other nonmerit factor of the purchaser, user or patron. The printer reserves the right to reject any advertisements.

Editorial content is edited, prepared and provided by the U.S. Air Force Academy Directorate of Public Affairs. The editor reserves the right to edit articles to conform to Air Force policy and Associated Press style. All photos are U.S. Air Force photos unless otherwise indicated

SUBMISSIONS

Send submissions to: usafa.pai@usafa.af.mil. Deadline for free classified ads on a space-available basis is noon every Tuesday for that week's publication date. Paid classified publishing is accepted by the publisher at 719-444-7355. The number to call for display advertising is 636-0306.

Deadline for all stories is noon Friday, one week prior to the desired publication date. Refer questions to the Academy Spirit editor at 333-8823.

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

Find us on

facebook.

US Air Force
Academy
Official

Like

International programs head named ACE fellow

By Don Branum
Academy Spirit staff writer

The director of international programs here was selected to join the American Council on Education Fellows Program, ACE announced March 28.

Col. Ron Machoian is one of 57 senior college faculty members around the world in the 2012-2013 program, which is designed to help fellows prepare for leadership positions in higher education.

Under Machoian's direction, the Academy's Office of International Programs coordinates international travel for more than 550 cadets per year to support cultural and language immersion, exchange and study abroad programs. Machoian also heads two institutional outcome teams focused on improving cadets' understanding of intercultural and international environments.

"He was absolutely deserving of this selective opportunity," said Dean of the Faculty Brig. Gen. Dana Born. "He has amazing potential to serve in a senior leader position, and he's certainly capable of contributing in a position of increased responsibility."

Machoian, a native of Dinuba, Calif., earned his commission through ROTC at Fresno State University in 1987 and later earned a PhD in history from the University of Missouri Kansas City. There, he said, he became interested in the history of higher education and the evolution of his leadership structures and practices.

Machoian said he was elated at the news he was selected.

"I'm very enthusiastic about the opportunity," he said. "This is really something that will allow me the opportunity to become involved and participate in an area of higher education in which I've wanted to become involved for quite some time."

Machoian said he hopes to learn more about leading interdisciplinary efforts to meet broader insti-



Col. Ron Machoian

tutional goals during his one-year fellowship. He also wants to look at techniques other institutions are using to improve their programs.

"Given the complexities of modern higher education, this is often more of a challenge than is readily apparent," he said. "I am especially interested to observe how experiential learning is being integrated into the curriculum through field experiences and applica-

tions in manners that complement and extend the classroom."

The next step in the fellowship process for Machoian is placement with a school participating in the program, Born said.

"It's similar to the command selection process, where officers have to compete for command, be selected for command and then are matched with a unit to command," she said. Col. Kathleen Harrington, the Academy's 2009 ACE fellow, spent a year with the University of Colorado Colorado Springs.

The Academy also benefits from ACE fellowships when fellows return and continue to contribute at a higher level, Born said. In addition, ACE fellows benefit the profession of higher education as a whole.

Machoian, a reconnaissance pilot earlier in his career, formerly commanded the 38th Reconnaissance Squadron at Offutt Air Force Base, Neb., and the 763rd Expeditionary Reconnaissance Squadron in Southwest Asia. He was air officer commanding for Cadet Group 1 from 2007-2009.

Forum

From Page 1

"It comes down to people volunteering to help us in this area," said Michele Dresel, IDS chair and flight chief of the Airman and Family Readiness Center.

"We don't want 50 people validating what we're doing; we want validation to what is needed. The only way things get fixed, is when people find out about it and take action."

Throughout April and early May, representatives will attend organizational meetings and collect face-to-face feedback on the CAP. Erwin said that it can be issues related to funding, deployment, employment or spouse support.

"The goal is a personal touch, to have face-to-face meetings and record things that you're hearing back," Erwin said.

At the last forum, questionnaires weren't conducted beforehand.

"I think by collecting feedback ahead of time, it'll speed up the process," Dresel said. "Last time we started from scratch, whereas this year is more developed and we can make sure that we haven't missed anything."

Erwin said representatives will be divided into five teams and groups will provide feedback to Gibson. Issues will be solved at an installation level but if there are any that Gibson feels can't be solved locally; they will be forwarded to the Air Force Caring for People Forum in August.

Erwin said that the forum is an opportunity for people to tell leaders what is on their mind.

"In a casual, non-threatening way, they can bring their issues to us so that we can know about it," Erwin said. "If we know about it, we might be able to help."

Anyone interested in being a demographic representative should contact Michele Dresel no later than April 13 at (719) 333-3144.



"Where Nobody Buys Just One"



Bob Penkhus

INTRODUCING BOB PENKHUS MITSUBISHI

GALANT
 TIP SAFETY PICK 100
\$18,694
 MSRP: \$22,694 **SAVE \$4,000**
 STOCK #: L2006

MITSUBISHI MOTORS
 10-year 100,000-mile LIMITED POWERTRAIN WARRANTY

OUTLANDER SPORT
 TIP SAFETY PICK 100

LANCER
 33 mpg
ALL-NEW LANCER
 ALL-WHEEL CONTROL

OUTLANDER

"ONE OF THE BEST COMPACT SEDANS ON THE MARKET"
 -CARANDDRIVER.COM

MILITARY PRICING PROGRAM
ADDITIONAL \$500 MILITARY BONUS SAVINGS!

* Insurance Institute for Highway Safety. \$500 cash rebate is available only to active, active reserve or retired U.S. Military personnel. Active duty/retired status must be verified with a valid U.S. Military I.D. Eligible customers must take delivery of a new 2011 or 2012 Mitsubishi within the program period. 2012 Mitsubishi i is excluded from this program. Offer valid from 2/1/12 to 4/2/12. Limit one vehicle per qualifying customer. See your participating dealer for program details.

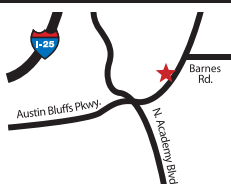
OPERATION
MPG.COM
NO CHARGE GAS FOR 1 YEAR

FOR A LIMITED TIME BUY ANY NEW MITSUBISHI AND WE'LL PAY FOR THE GAS FOR A YEAR! PLUS GET 0% FINANCING UP TO 72 MONTHS!

Go to operationmpg.com to calculate your savings!

No charge fuel for a year based on manufacturer's estimated annual fuel cost from the monroney label. No charge fuel is in lieu of any discounts or rebates; dealer retains all incentives. Offers are not combinable. If customer chooses no charge fuel for a year, a prepaid fuel card will be available for customer pick up from selling dealer within 3 weeks of date of purchase. Customer may choose to take discount from price of vehicle instead of fuel for a year. Customer must take delivery from dealer stock. Not applicable on prior purchases before 16 Mar 2012. 0% financing for 72 months with approved credit. Must use dealer financing. Photos for illustration only. See dealer for details. Offer ends May 31, 2012.

bobpenkhus.com



Bob Penkhus Mitsubishi
 4391 Austin Bluffs Parkway
 Colorado Springs, CO 80918
 719-955-5000
 www.bobpenkhus.com



"Where Nobody Buys Just One"

Sales Hours:
 Mon.-Sat.:
 8 a.m. to 8 p.m.

Academy command chief reflects on 30-year career

By Gino Mattorano
Academy Spirit editor

As Chief Master Sgt. Todd Salzman puts on his uniform and reports for duty for the last time today, he'll reflect on a career that spanned three decades and supported operations on nearly every continent.

As the Academy's command chief, Salzman spent the last three years helping to mold future Air Force leaders and ensuring they understand the role enlisted Airmen play in the nation's defense.

As the son of an Air Force chief, Salzman knew from an early age that he wanted to be an Airman. "Growing up, I remember my dad always working on his uniform every night, and I went with him to work and saw the people he worked with and what that meant to him," Salzman said. "To me, that was it - the professionalism, the camaraderie, the uniform, the mission and all that. I'd go out on the flightline with him, and the B-52s would be doing engine runs, and I just thought, 'you've got to be kidding me, man. This is awesome.'"

Salzman joined the Air Force in 1982 and went to his first assignment at Barksdale Air Force Base, La., as an administrative support specialist, where he quickly decided he was in for the long haul.

"I knew early on that I was going to become a chief like my dad or stay in until they kicked me out," Salzman said.

Airman Salzman was one of a few Airmen assigned to 8th Air Force Headquarters, so he lived in an aircrew dormitory, where he learned about enlisted flying jobs.

"I figured out that those guys were going TDY a lot more than I was, so I started looking for an opportunity to fly," Salzman said.

Thanks to some mentorship and advice from a chief who worked at the headquarters, Salzman retrained as a KC-135 boom operator in 1986, and spent the next 19 years as an aerial refueler.

As he progressed through the ranks, Salzman credits his success to the senior NCOs and officers he worked for.

"Everywhere I went, I always had someone teaching me," Salzman said. "And when they moved on, I became that guy teaching the more junior person and pulling them up, and so when I moved up I knew they were ready to fill my shoes.

"I learned so much from just watching and listening to that inner circle of experts and senior leaders in my career field. And over time you gain experience and you find yourself moving closer to the center of that circle.

"Especially in this computer age we live in now, we need to focus on analog leadership. We don't spend enough time with good old fashioned watching and learning, and I think that's vitally important to the development of our people, both professionally and personally."



MIKE KAPLAN

Chief Master Sgt. Todd Salzman speaks at Women's History Month event at the Academy in 2010.

Salzman was selected for his first command chief assignment in 2005 at the 22nd Air Refueling Wing, McConnell Air Force Base, Kan. His success in that role paved the way for an assignment as the 13th Air Force command chief at Hickam Air Force Base, Hawaii, and his current command chief assignment here at the Academy.

The chief challenges senior NCOs to always be searching for new opportunities.

"Once you're a senior NCO, there isn't always going to be someone analyzing your career to make sure that you're the most qualified person for the job," Salzman said. "They're going to look at you and say, 'look, he's got a roof on top,' and expect you to do whatever needs to be done at that moment. And that's what our senior NCOs do. Always look for something else to do and continue to gain

See Salzman Page 5

LOOKING FOR A REWARDING CAREER YOU CAN BE PROUD OF?



CCU WANTS TO HELP YOU EARN YOUR DEGREE IN CRIMINAL JUSTICE

- Certificate, Associates, and Bachelors programs available
- Complete your CCAF with class one night a week at the Academy using CCU's tuition discount for Active Duty and their adult dependents or take your courses online. Either way, you can complete each course in weeks, not months.
- Accelerate your path to completion with credit for CCAF transcripts, other college courses, and life learning experiences

Colorado Christian
UNIVERSITY
College of Adult and Graduate Studies

JON HARR | JOHAAR@CCU.EDU | 719-867-5802 | WWW.CCU.EDU/MILITARY

Colorado Christian University is accredited by the North Central Association of Colleges and Schools

Salzman

From Page 4

gain experience. That experience is what is going to get you through whatever challenges lie in your path.

“Getting to know and understand people and getting to know what makes them tick goes along way,” he continued. “It goes back to what we always hear – if you take care of people, they will take care of the mission. And I learned that from watching leaders in action throughout my career and just trying to be like them.”

For Airmen who are looking for the key to a successful career, Salzman offers this advice:

“One great thing about the Air Force is that if you show that you’ve got drive and ability, they’re always going to give you opportunities to perform,” Salzman said. “Every time you exercise those opportunities, you hone those skills a little more. I think by virtue of the fact that I got put into jobs where I had zero comfort level, and had no idea what I was doing, or something was broken but needed to be fixed, but I think that’s gives you the ability to walk into a situation, and while I’m not going to say you’re not scared, you have so much experience dealing with the unknown, and if you just go into it with the confidence in your abilities, you’ll be successful.”

When the chief found out his last duty assignment would be at the Air Force Academy, he knew it would be the ideal way to finish his career.

“I have spent the last three years preparing future officers to be the kind of leaders that I had the privilege of working for, and that has been so rewarding,” Salzman said. “To be able to take my experience and help educate these young men and women has been priceless. I couldn’t have planned that any better.

“What I think is the most important thing we do here is to bolster the military side of their training and educate them on the situations they’re going to find themselves in. I think we do a great

job giving these young men and women opportunities to bolster their critical thinking skills, work with people, and provide them with leadership opportunities. The more opportunities we can provide them in this sterile environment, the better prepared they’ll be to lead. What’s funny is I don’t think they know how ready they are.”

Over his career, Salzman has seen manpower and budgets shrink, and a steady increase in operations tempo, but through it all he’s seen Airmen rise to the occasion and do what needs to be done for the mission.

“We’re at a point where we’re tired of being at war, we’re tired of being away from our families, and we’re tired of losing money, and not always having the right equipment,” Salzman said. “And in the midst of all this turmoil, of all this chaos, we’ve forgotten how good we are at fighting through this adversity, no matter what the challenge is. We’re so good at what we do, and we can’t lose sight of that.”

Salzman challenges Airmen to study their history to gain perspective on how to handle adversity.

You’ll find that throughout history, no matter what situation you’re facing, there’s a parallel you can draw from,” the chief said. “Col. Joshua Lawrence Chamberlain and his men were running out of ammo while defending Little Round Top during the Battle of Gettysburg, and when his men asked him what they were to do, he told



A young Chief Master Sgt. Todd Salzman as a Junior ROTC member.



COURTESY PHOTOS

Chief Master Sgt. Todd Salzman spent 19 years of his career as a boom operator on refuelers.

them to fix bayonets and charge.

“I tell Airmen all the time, ‘Well, we don’t have enough people, and you’re not going to get any more money, but I still expect you to get the job done.’ Fix bayonets. It’s what we’ve got. We’re the military. We don’t just throw our hands up and say, ‘It’s too hard.’ This is what we do.”

At the same time, the chief also challenged Airmen to take pride in who they are and remember the legacy they carry.

“I never want our Airmen to forget what they represent, and that’s honor, sacrifice and integrity,” Salzman said. “Whenever we do something that’s dishonorable, it negates all the good we do. People look to you because of the amazing things you do every day. We can pick up armies and move them around the world, effortlessly. Every Airman should be proud to know they’re part of that capability.

“I will really miss working with this team.”

REFER SOMEONE FOR MEMBERSHIP AND GET \$25*

For a limited time only, if you get someone eligible to join, you’ll each get \$25. You can refer a friend, family member, coworker, or fellow servicemember, and you’ll each get \$25—it’s that simple. So help spread the word and cash in on the rewards.

ARMY MARINE CORPS NAVY AIR FORCE DoD



NAVY FEDERAL Credit Union

The Markets at Mesa Ridge, 6916 Mesa Ridge Parkway, Fountain, CO

1139 Space Center Drive, Colorado Springs, CO

Federally insured by NCUA. *This offer may not be combined with any other new-member offers at the time of account opening. Eligible members include all Department of Defense uniformed personnel, reservists, active duty, retired, Army and Air National Guard, DoD civilian employees, contractors, and family members. Recruiters are not eligible to refer recruits. \$5 minimum balance to open and maintain savings account and to obtain bonus. Annual Percentage Yield 0.30%, effective 1/30/12. Bonus deposited within five days of account opening. Program must be mentioned at time of joining for accounts to be credited. Fees may reduce earnings and rates may change. Limit 10 referrals per member. Navy Federal employees are not eligible to participate in this program. Image used for representational purposes only, does not imply government endorsement. © 2012 Navy Federal NFCU 12027_Col (3-12)



Mission drives the design:

Designing the next jet engine generation

Cadets submit engine cycle patents that increase fuel efficiency in the future

By Amber Baillie
Academy Spirit staff

An aeronautics professor and cadets may have designed the next generation jet engine.

Director of the Aeronautics Laboratory, Lt. Col. A.J. Rolling, and 26 cadets from the aircraft propulsion capstone design course created four hybrid engine cycle designs to increase performance and fuel efficiency in military aircraft. Cadets and Rolling submitted four patents on March 19 to USAFA Research to attract research dollars and further optimize the designs.

"To have cadets engage in that kind of an activity is exactly what you want to have them do so they feel like they're involved in what they'll be doing as engineers in the future," said Lt. Col. A.J. Rolling, director of the Academy's Aeronautics Laboratory and instructor of the course.

According to Dr. Steven H. Walker, deputy assistant secretary of the Air Force for Science, Technology and Engineering, the Air Force consumes 80 percent of DoD fuel.

Rolling said that because of that, we must figure out ways to save on fuel.

"For a military mission, you want to be fuel-efficient when you loiter- when you're just burning holes in the sky and not really doing anything- so that you're able to dash out when you need to attack somebody," Rolling said.

There are two ways an engine can accelerate: Use a lot of air flow like a commercial airliner that's very fuel-efficient but slow to accelerate, or use fewer air molecules like a Pratt and Whitney F119 engine that uses a lot of fuel but is quick to accelerate.

Rolling said both are needed in a military mission.

"What I'm proposing is two different kinds of engines in one," Rolling said. "If you do that, you're going to save a

ton of money on fuel."

The solutions fall under Rolling's design called "2True." The idea is to create a platform and engine that are able to do the military mission as efficiently as possible.

"You're trying to be on design, at two different points-two true design points," Rolling said. "That's how I've proposed it to cadets."

Three of the solutions that Rolling invented use energy drawn from an ultra-low turbine to drive distributed systems. The fourth solution was a collaborative effort with Rolling, Dr. Bill Heiser, and Dr. Chuck Wisniewski.

"We've got three Ph.D's collectively working on how to actually make the system work. It's been difficult," Rolling said.

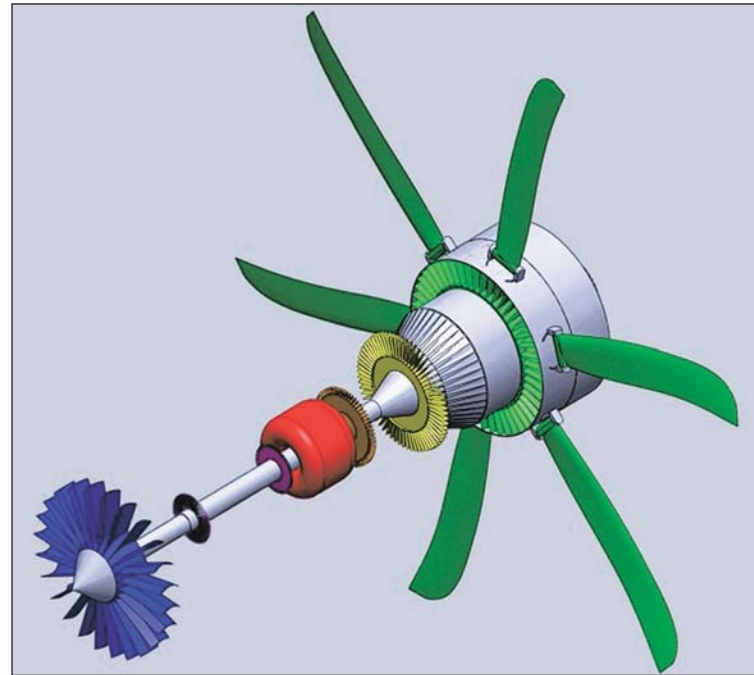
Rolling said there is a 50-percent improvement on fuel consumption with the four designs.

"Right now, with the design that I helped with, we are calculating fuel savings of around 40 percent," said Cadet 1st Class Benjamin Piehl of Cadet Squadron 36. "This obviously is beneficial for the Air Force because it would greatly decrease the gas bill. Any of the four patent designs can be extrapolated into the commercial aviation industry as well."

Rolling said the project is far beyond what cadets in the class would normally be asked to do.

"Normally we would give them a full military mission and say, 'Go design a conventional engine,'" Rolling said. "It's complicated and hard, but then they would shelve it. This project allows them the chance to possibly see some of the systems that they've worked on fly in the future."

Cadets spent an entire semester on the project. They were divided into four teams and each assigned a technical solution. They prepared the thermodynamic analysis, material design, calculations for fuel savings and



LEFT:
A Centrifugally Engaged Turboprop Hybrid. Drawn by cadets to show propellers extended for loiter during flight.

BELOW:
Potential Applications for Centrifugally Engaged Turboprop Hybrid. Could lead to a 40 percent fuel savings.

Potential Applications

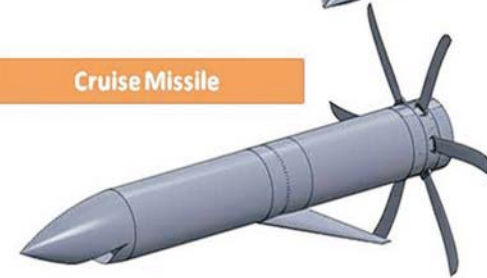
UAS-RPA



Ground Attack Vehicle



Cruise Missile



created 3-D models to show how the systems work.

"What I love most about this project is that it is challenging and it's not like you can open the back of your textbook and find the answer," said Cadet 1st Class Stephen Pineo of CS 38. "I'm not going to lie. There have been times when we've wanted to rip our hair out trying to understand something or get something to work, but in the end we always produce something great with promising results."

It took three months to prepare the patent package. Rolling said there are several steps left before the application becomes a patent, but that the

first step is critical.

"There have been many late nights working on this project and many more to come," Pineo said. "I don't think I've ever spent so much time working on a project at the Academy, but I think it's very interesting and many great things can come out of it. It could be implemented in aircrafts in the future so I would say this has been time well spent so far."

Cadets were listed as contributors to the patents. They are all seniors and plan to enter into pilot training, the engineering field or graduate school.

"I like how we are doing something that nobody else has done," said Cadet 1st Class Rachel Mittelman of CS 40. "We aren't creating a product to be thrown away when the semester ends; we are creating something that will exist beyond our time at the Academy."

Rolling said once the Air Force Aeronautical Research Laboratory reviews the patents and sends them to the United States Patent and Trademark Office, full review and feedback can take between six months to a year.

Rolling said the design is conceptual and that the next step is for cadets to design the metal and work through what is needed to make everything work together.

"Putting a patent together was really difficult because it's the kind of thing that a lawyer normally does," said Cadet 1st Class Jeffrey Wood of CS 06. "Being included in a patent is amazing, it's one of those amazing opportunities that you always think would be really cool but will never happen and now it looks like it will."



ELIZABETH ANDREWS

Cadets and Lt. Col. Rolling signed and submitted four patents on March 19 to USAFA Research to attract research dollars and further optimize the designs.

DOD implements new changes to sexual assault response

by Army Sgt. 1st Class Tyrone C. Marshall Jr.
American Forces Press Service

WASHINGTON — The Defense Department has refined new methods to aid sexual assault victims whether reporting a crime or seeking assistance as they transition from service, the director of the Sexual Assault Prevention and Response Office said here March 30.

"First, if you've been a victim of sexual assault in the military, you now have the option of requesting an expedited transfer. We signed that into effect in December."

-Air Force Maj. Gen. Mary Kay Hertog

"We have several new options for victims of sexual assault," said Air Force Maj. Gen. Mary Kay Hertog. "First, if you've been a victim of sexual assault in the military, you now have the option of requesting an expedited transfer. We signed that into effect in December.

"If you find it untenable or unbearable in the organization that you're at ... you can request to be transferred," she added.

Hertog said a service member's local commander has 72 hours to respond to the request for transfer, and, if denied, there is an option to take it to the first flag or general officer in the chain of command who also has 72 hours to respond.

"We also have a new document retention initiative," she said. "We heard loud and clear from our veterans who present themselves at the (Department of Veterans Affairs) years later that there was no documentation that they had ever been sexually assaulted (during) their military service."

The issue arose, Hertog said, because varying standards of retention had existed among all of the

services. It has since been resolved.

"We now have one standard of retention so those individuals that file unrestricted reports will have their documents retained for 50 years," she said.

"And those that file restricted reports will have their documents retained for five years," Hertog said. "And of course our victims of sexual assault who file restricted reports have that option to convert over to unrestricted reports at any time and then we will retain their documents for that 50-year period."

The director also discussed other innovations such as expanding legal assistance to encourage victims to participate in the military justice system "in order to hold that perpetrator accountable."

And as of January, DOD civilians and contractors deployed abroad as well as military dependents over 18 years old are now eligible to access sexual assault response services, Hertog said.

Hertog noted other changes implemented include new training for investigators of sexual assault crimes within the services.

"Some of our new training initiatives concern our investigators such as our (Naval Criminal Investigative Service) agents, Air Force (Office of Special Investigations) and Army (Criminal Investigation Division)," she said. "We think we have found the gold-standard course ... to send many of the agents to (in order to) build a sexual assault subject expertise cadre of our agents to get them very familiar with these cases."

Hertog said training frequency will increase, more seats will be offered and the training has expanded to include judge advocate generals "because these are some of the toughest cases to investigate as well as prosecute."

Perhaps the most useful option has been established for about a year, Hertog noted.

"You have the option of contacting our DOD Safe Helpline," she said. "We stood up a 24/7 crisis



DOD PHOTO ILLUSTRATION

hotline. It's operated by RAINN -- the Rape, Abuse and Incest National Network -- who have been trained by us, so they're very familiar with military terminology.

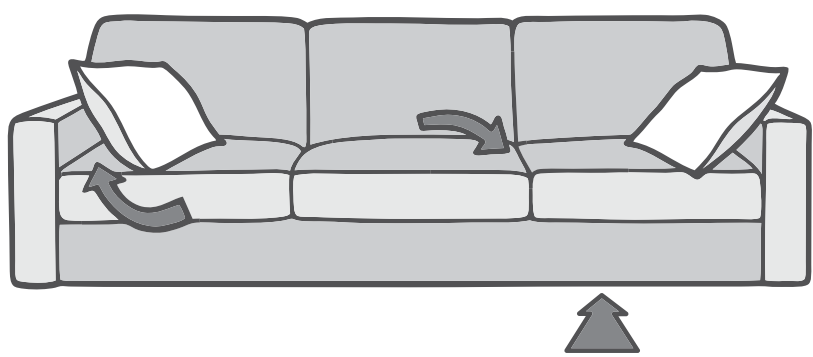
"If you don't want to go through your chain of command, you can contact them and they will tell you where your nearest rape crisis center is in your community outside your installation gates," Hertog said.

Hertog said the hotline has been "extremely successful," with about 30,000 unique visits to the site and about 2,500 referrals for counseling services.

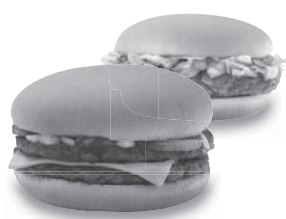
She emphasized the Defense Department's commitment to "eradicating" sexual assault in the military "from the secretary (of defense) on down.

"We have to eliminate this problem from our ranks," Hertog added. "The American public gives us what's most dear to them and that's their sons and daughters. And they trust us that we're going to take care of them, (which) is a commander's job."

Think of it as an ATM.



Start digging around and next thing you know you have enough change for a tasty McDouble® or our legendary Hot 'n Spicy McChicken®. Both just **one dollar** each. Every day.



Dollar Menu

A la carte only. Prices and participation may vary. ©2012 McDonald's

ABBA

The Best in Sight Since 1978 *Eye Care*

Exams • Contacts • Glasses • HD Lenses

Tricare Accepted
Military Discounts

634-2020

4319 Integrity Center Point
NW Corner of Powers & Barnes

635-2020

4331 Centennial Blvd.
Garden of the Gods & Centennial

632-2020

1813 North Circle
Circle & Constitution

578-2020

1130 Lake Plaza Dr.

Just west of Lake Ave & Venetucci
www.abbaeyecare.com



Voted 'Best of'
Two Years in a Row
2010 & 2011



Optical Concessionaire

USAFA Located in Community Center

Exams • Contacts • Glasses • HD Lenses

Mon-Sat 9:00-6:00 | Sun 10:00 - 6:00 | 719-574-5252



I am free... free falling

Members of the Air Force Academy's parachute team, Wings of Blue, set a world record at Gila Bend Auxiliary Field in March with 46 jumpers linked together. Wings of Blue also holds the two previous collegiate world records with 39 and 41 jumpers, respectively.



Wings of Blue set new world record, 46 linked in the air

By Teresa Walker
56th Range Management Office Public Affairs

GILA BEND AIR FORCE AUXILIARY FIELD, Ariz. — The Air Force Academy Wings of Blue Parachute Team completed 4,918 jumps during a two-week period in March while at Gila Bend Auxiliary Field in southwestern Arizona. The team set a new world record here as well.

March 30 marks the world record at Gila Bend Air Force Auxiliary Field, when 46 cadets linked in the air. The cadets jumped from three aircraft at 17,500 feet and had 90 seconds of freefall to complete the formation. Once together, the jumpers held their position for 10 seconds before separating to open their canopies. The Wings of Blue also hold the previous records for 39 and 41 jumpers linked as well.

Lt. Col. Michael Love, 98th Flying Training Squadron commander, descended on Gila Bend Auxiliary Field in March with more than 100 cadets, instructors and team members to accomplish their annual jump training.

Mingled amongst the 46 Wings of Blue jump team members were active-duty personnel, Wings of Green cadets, and support personnel, including civilians who assisted with coach-

ing, training, rigging and maintaining the parachutes for the team.

Love is a pilot in the unique position of being required to fly the plane for the jumpers as well as being a jumper during the assignment. He has come full circle; he was once a cadet with the Wings of Blue training at GBAF many years ago himself.

"It's a thrill, no doubt about it," he said. "This is a unique program for sure. And to get the chance to come back after 20 years to command the unit that I was a part of as a cadet makes the experience even more special."

According to Love, the transition of the auxiliary field from an active-duty base to contractors hasn't changed much in terms of support to the team; it's still just as fantastic as before.

"The support we receive here from the 56th Fighter Wing is superb," Love said. "The weather combined with the dedicated support makes this a productive two weeks, no doubt. We couldn't accomplish as much as we do each year without the support of Gila Bend personnel."

The primary mission of the Wings of Blue is to run the Air Force basic free-fall parachute course. The course is the only first-jump program in the world where students make their first freefall jump without assistance. The prerequisite to the Wings of Blue is a set of wings with a different color.

Tech. Sgt. Juston Demke, Airmanship 491 course director, is an instructor in charge of Wings of Green, the prerequisite to the Wings of Blue. It is comprised of 25 cadets with a full academic year before some are selected to become Wings of Blue team members.

"The panel for the Wings of Green uses specific criteria to select the few cadets who will join our team," Demke said. "Out of 120 applicants this year, selection was based on an essay and an interview in front of the seven-member panel. Then, we have to use our best judgment to make the selections. They also have to maintain a 2.6 GPA to stay in the program."

Cadets spend time in the classroom for two days to learn and rehearse the safety information needed to make jumps. Repetition for safety is paramount. Then they are put in an airplane to jump solo. All have had five jumps prior to coming to the academy.

"Our job entails putting them through the first jump course to get them fully demo qualified," Demke said. "I think the coolest thing is that going into their junior year, after the 491 course, (Wings of Green) they will get to be in the 490 program (Wings of Blue). I'm training them to take the current juniors' jobs and the juniors will move up to the senior position; our job is to get them ready to be 491 instructors."

Jump operations began at the aux field as soon as the team hit the ground. There was no time to waste and airplanes were taking off and landing constantly on the airfield to achieve so many jumps in a short period of time.

Cadet 1st Class Willis Brown, a 22-year-old senior from Indianapolis, is majoring in legal studies. He became interested in the parachute team after he saw the Wings of Blue jump.

"I had never seen anything like that before, so I took the 491," he said. "I chose to try out and haven't looked back since. Jump is the most competitive program to get at the Academy so you're already up against the top cadets. You

have to go in with some level of competence. At the end of the day you have to realize you can't be uncertain in our business."

According to Brown, cadets are considered active-duty while attending the Air Force Academy and they receive cadet pay, room and board, food, and medical care is provided as well. Once a cadet graduates, he has an obligation to the Air Force.

"We live in dorms at the Academy and we have a cadet clinic to get medical care - they take care of us," Brown said. "My goal is to become a contracting officer at the base level; I'm headed to Hawaii when I leave here. We commit at our junior year and owe five years once we graduate."

Brown had 555 free fall jumps and his goal was to achieve 600 jumps by the time he left GBAF. He believes safety is paramount in jumping, and the most gratifying aspect of his job is the cadets he instructs.

"I would say the most important thing I would emphasize is safety," he said. "The risk is high so the safety aspect is critical. Our safety record can be attributed to the cadets and the officers and NCOs who are the true experts. I get the unbelievable opportunity to see cadets take their first step off the plane - that's extremely gratifying."

A small group of staff members stayed behind to conduct tandem parachute jumping with members of the 56th Fighter Wing as thanks for their support for the operations. More than 23 Luke Airmen participated this week in tandem jumps. Airmen from the 944th Fighter Wing were able to perform tandem jumps in March with the instructors from the Academy.



Cadet 2nd Class Danielle Griffith floats to the ground under her canopy at Marana Municipal Airport March 28.



The cadets jumped from three aircraft at 17,500 feet and had 90 seconds of freefall to complete the formation. Once together, the jumpers held their position for 10 seconds before separating to open their canopies. The team completed 4,918 jumps during a two-week period in March while at Gila Bend Auxiliary Field in southwestern Arizona.

PHOTOS BY TECH. SGT. JOSEPH VALENTE, WINGS OF BLUE

Warrior Games selection camp concludes

Athletes compete for spot for games held at the Academy

by Tech. Sgt. Mareshah Haynes
Defense Media Activity

(AFNS) — More than 25 active-duty, retired and separated Airmen competed for a spot on the Air Force team in the 2012 Warrior Games during a selection camp March 25-30 here.

The Warrior Games, now in its third year, was designed to introduce disabled veterans to Paralympic sports. The Airmen selected for the team will compete in seven sports — wheelchair basketball, sitting volleyball, archery, swimming, track and field, shooting and cycling — against members from all branches of service.

“The goal of the Warrior Games is to assist wounded veterans in getting back to normalcy — instilling in

them goals and aspirations through sports,” said Maj. (Dr.) James Bales, the head coach for the Air Force team and member of the World Class Athlete program as a triathlete.

This year’s team is nearly a 50/50 mix of veteran players and rookies. Their disabilities range from post-traumatic stress disorder to traumatic brain injury, quadriplegia, kidney disease and leg amputation.

“This year we have a great crew of new people who are willing to try different sports, and I think that’s a real testament to the new group,” said Cami Stock, the assistant coach for the Air Force Warrior Games team, who has been with the team for three years.

During the camp, the athletes were able to experiment with different sports. At the end of the week,

they worked with the coaches to see which events they have to most potential in and how their abilities can best benefit the team overall.

Stock said the team is already beginning to gel and showing a lot of promise in team sports. There are also a few members who have tried sports like archery for the first time who are showing a lot of potential.

The Air Force coaches said they are excited about how the team is coming together.

“We’ve seen a huge degree of motivation,” Bales said. “A lot of athletes (are) working with, not only their

coaches, but amongst themselves. I’ve just seen a lot of effort. I’m excited with what we have to work with here.”

There will be a training camp the week before the games, which will be held at the U.S. Air Force Academy April 30 through May 5.



LEFT: Capt. Anthony Simone (front) and Ramina Orah, a retired senior airman (back left) train with their coaches on their cycles March 29 at the Academy.

BELOW: Timothy Wymore, a retired Air Force technical sergeant, shoots a basketball March 26, while playing wheelchair basketball during the Air Force Wounded Warrior Games selection camp.

PHOTOS BY
MASTER SGT.
JEREMY LOCK



COURTESY PHOTO

Maj. James Bales, 21st Force Support Squadron orthopedic surgeon currently on staff at the U.S. Air Force Academy Hospital, was named the head coach for the U.S. Air Force 2012 Warrior Games team. The games take place April 30-May 5 at the Air Force Academy.

Coaches selected for 2012 Warrior Games

by Eric M. Grill
Air Force Personnel, Services and Manpower Public Affairs

SAN ANTONIO — An orthopedic surgeon who is part of the 21st Space Wing has been tapped to be the head coach for the U.S. Air Force 2012 Warrior Games team during the competition slated for April 30-May 5 at the U.S. Air Force Academy.

Maj. James Bales, 2010’s Air Force Male Athlete of the Year and part

of the 21st Force Support Squadron, will coach the 2012 team assisted by Cami Stock, from Colorado Springs, who is returning for her third year of Warrior Games.

Bales, the 2011 upright cycling coach and team physician, called it an honor to lead this year’s team.

“I have always had a huge respect for the sacrifices our wounded warriors have made,” he said. “Being the head coach for Warrior Games combines my passion for sports, medicine

and coaching.”

Bales maintains the games are not about medals, but helping wounded warriors recover from injury.

“At the end of the day, it is about looking back and seeing how far wounded warriors have come, and celebrating their triumph over their injuries,” he said. “Warrior Games is about each wounded warrior competing at the best of his or her ability.”

Besides the head and assistant coaches, there are different coaches for the individual track and field, cycling, swimming, archery, shooting, volleyball and basketball competitions.

The 2012 coaches are:

Cycling Recumbent/Shooting (Assistant) — **Maj. Scott Bullis**, Headquarters Air Force Space Command.

Cycling Upright — **Master Sgt. Anthony Milunas**, Lackland AFB, Texas
Swimming — **Anthony Boettcher**, U.S. Air Force Academy, Colo.

Sitting Volleyball — **Capt. Nicki Marino**, U.S. Air Force Academy Preparatory School

Field — **Capt. Steven Lizzol**, Hurlbert Field, Fla.

Track — **John Zavada**, Colorado Springs, Colo.

Wheelchair Basketball — **Willie Jackson**, Rockdale, Texas

Shooting (WCAP-Air Pistol) — **Senior Airman Alex Callage**, 21st FSS.

Archery -- **Gary Fooshee**, Colorado Springs, Colo.

“From professional-level athletes and recovery care coordinators for the athletes, to the wounded, ill and injured themselves, we have a very diverse group of volunteers,” said Master Sgt. Elisha Abercrombie, Warrior Games action officer at the Air Force Services Agency. “This is an experience of a lifetime for all involved.”

The 2012 Air Force Warrior Games team will be determined after the services’ Warrior Games selection camp, being held March 25-31, at the U.S. Air Force Academy.

The Warrior Games was created in 2010 as an introduction to Paralympic sports for injured service members and veterans.

More than 200 competitors from the Air Force, Army, Marines, Navy and Coast Guard are expected to compete in 2012 Warrior Games.

For those interested in competing or coaching in the 2013 Warrior Games, the Air Force will put out a call for participants through the Air Force Wounded Warrior website, www.woundedwarriors.af.mil when the 2013 Warrior Games are announced.

For more information about the 2012 Warrior Games, visit 2012 Warrior Games <http://usparalympics.org/military-and-veteran-programs/warrior-games-presented-by-deloitte>. For more information about Air Force wounded warriors, visit www.woundedwarriors.af.mil.

Intramural volleyball standings

TEAM	WON	LOST
DF-Blan	13	0
CW	13	2
DFF	12	3
306 OSS	8	5
10MDG	8	5
DFM	6	6
10 FSS	6	7
306 FTG	4	9
10 SFS	2	11
10 CES	2	12
PREP	3	17



Julie Catlett, of the 306 OSS team, puts the ball in play during a recent intramural match.

Falcons down Mercer, 20-4

Air Force lacrosse registers largest win since 1997



Senior Adam Paranka goes for the ball in the match against Mercer University Saturday at Falcon Stadium. Freshman Keith Dreyer led the Falcons' offense with six points.

SARAH CHAMBERS

Registering its highest scoring output since 1997, the Air Force lacrosse team rolled to a 20-4 victory over Mercer Saturday at Falcon Stadium.

Freshman Keith Dreyer led the Falcons' offense with six points (3g, 3a), as 12 different Air Force players found the back of the net. Sophomore Mike Crampton registered a game-high four goals, while freshman Tom Burgess tallied the first hat trick of his career.

Air Force (5-4) got on the board early, scoring just over a minute into the game with a goal from Kyle Casady and led 4-0 before Mercer (1-10) notched its first score at the 5:50 mark in the opening period. The Falcons responded with another goal just five seconds later and increased its lead to 8-1 before the Bears closed out the first quarter with their second goal of the game.

The Falcons dominated the second period, outscoring Mercer 7-1, and added three more goals in the third quarter before the Bears ended their scoring drought with a goal at the 2:17 mark in the period. Another Air Force score to end the period and the first career goal for junior Conor Hogan in the fourth period gave the Falcons their largest advantage of the game at 20-3, while the Bears tallied the final score of the contest.

While Mercer had the edge on face-offs, winning 16-of-28 for the game, the Bears struggled with turnovers, committing 23, including 10 failed clears. Air Force also outshot Mercer, 41-23, for the game, including a 28-7 edge in the opening half.

Back-up goalkeeper Matt Sanders had a solid performance for the Falcons, stopping six shots in 30 minutes of action, while allowing just two scores.

"We got off to a good start and got contributions from a lot of different guys today," said Air Force head coach Eric Seremet. "Matt Sanders did a nice job in the second half in the goal for us."

Air Force returns to action Sunday when it hosts Bellarmine in an ECAC contest at noon in Falcon Stadium.

Lady Godiva Hair Studio
A Paul Mitchell® Focus Salon

\$55 Highlights FREE Haircut & Style
Call salon for appointment. Mention ad for discount.
New clients only
Offer expires 5/5/12

4 S. Wahsatch #110 | 475-2266 | www.ladygodivahair.com



Welcome to a brand new community of friends that you'll want to make part of your military family.

SPRINGS MILITARY LIFE
COM

DR. CHAD M. WATTS, DMD
Board Certified Orthodontist

The #1 Provider of Damon and Damon Clear Braces in Southern Colorado

DAMON CLEAR
rangewoodorthodontics
Creating Spectacular Smiles For All Ages
www.rangewoodorthodontics.com

- Complimentary Initial Exam
- Most Insurances accepted - financial plans for every budget

719-596-3113

- Achieve an extraordinary smile, in less time, with our advanced technology
- Faster treatment time, fewer office visits
- No tooth extractions, headgear or palatal expanders in most cases
- Military Discounts Available!

Briargate Blvd
Woodmen
7560 Rangewood Dr. Suite 200

East Baptist
Jessie
15435 Gleneagle Dr. Suite 200

invisalign teen American Association of Orthodontists

SMOOTH, CLEAR, WRINKLE-FREE SKIN...

Easier and more affordable than you may think!

Schedule a **COMPLIMENTARY CONSULTATION** to learn what treatments are available for:

- Fine lines, Wrinkles, Skin Folds, Broken Capillaries
- Redness/Rosacea, Sun/Age Spots, Rough, Uneven, or Dull Complexion, Unwanted hair, and Leg Veins.

20% Off any package or service for Military Personnel

LASER SKIN TIGHTENING, BOTOX, RESTYLANE, MICRODERMABRASION, LASER HAIR REMOVAL, PHOTOFACIAL, and more.

Offer ends May 19, 2012

Skin Savvy LASER CLINIC 264-6205
5919 Delmonico Dr. Colorado Springs, CO 80919
Mon-Fri 9a-7p Sat 9a-5p

CELEBRATING OUR 12 YEAR ANNIVERSARY



MIKE KAPLAN

Freshman Josh Ramos won his first USAG title on the parallel bars at the USA Gymnastics Collegiate National Championships Saturday at the Academy's Cadet West Gym. Sophomores Mac Ritchie and Ben Zaiser won individual titles on the high bar and the vault, respectively.

Three Falcon gymnasts claim USAG individual titles

One night after winning their third straight national team title, three members of the 12th-ranked Air Force men's gymnastics team won individual titles during the final night of competition at the 2012 USA Gymnastics Collegiate National Championships Saturday at the Academy's Cadet West Gym.

Sophomore Mac Ritchie matched the Academy high bar record to easily win his first title on that event, while classmate Ben Zaiser and freshman Josh Ramos won their first USAG titles on the vault and parallel bars, respectively.

Ritchie, who defeated the field by 0.450 during last night's preliminary round, scored a 14.900 to match the Academy standard and defeat the eight-man field by 0.650. With the victory, Ritchie became the program's first USAG champion on the high bar since Erin Montague in 1999.

With his second highest score of the season (14.600), Zaiser claimed the USAG title on the vault, marking the third straight year that an Air Force gymnast has claimed the title on that event. Air Force claimed the top USAG gymnast on the parallel bars for the fourth time in five years, as Ramos used a 14.150 to win the title.

Ramos and Ritchie paced the Falcons to a sweep of the top two places on their respective events. Freshman

Corbin Palmer placed second on the parallel bars with a score of 14.100, while junior James Okamoto took second on the high bar with a career-best score of 14.250.

Air Force also claimed two of the top three spots on the still rings, as freshman Gared Chapman and senior Devin Menefee placed second (15.000) and third (14.950), respectively.

In addition to their respective runner-up finishes, Palmer finished second on the floor exercise with a mark of 14.150 and Okamoto took second on the pommel horse with a score of 13.400.

A program-best nine Falcons claimed USAG All-America status, based on their top-six finishes in the event finals this evening.

Palmer (floor exercise, parallel bars) and Okamoto (pommel horse, high bar) paced Air Force with two accolades each, while freshman Nick Gaudlip (floor exercise, 13.600, sixth), classmate Greg Chapat (pommel horse, 12.650, sixth), Chapman (still rings), Menefee (still rings), Zaiser (vault), Ramos (parallel bars) and Ritchie (high bar) each claimed one.

Air Force returns to action on Saturday when it hosts the 2012 Mountain Pacific Sports Federation Championships at the Academy's Cadet West Gym. The meet, which features five of the top 12 teams in the nation, is scheduled to begin at 5 p.m.

Air Force set to host 2012 NCBA national championships

After capturing its 32nd regional title, the Air Force boxing team sets its sights on the 2012 National Collegiate Boxing Association (NCBA) Championships, which will be held at the Academy's Clune Arena on April 5-7.

The national meet will cover three days, including the quarterfinal round (Thursday, April 5), the semifinal round (Friday, April 6) and the championship finals (Saturday, April 7). The quarterfinals and semifinals begin at 4 p.m., while the championship round begins at 2 p.m.

General admission tickets are \$10 daily and \$20 for a three-day pass, while VIP tickets are \$15 daily and \$30 for a three-day pass. For additional information on tickets, contact 719-472-1895.

Overall, 76 boxers from 22 programs will converge on Clune Arena this weekend. The NCBA is divided into three regions – East

(Army, Coast Guard, East Carolina, Lock Haven, Maryland, North Carolina, Shippensburg, UMass, VMI), Mid-West (Iowa State, Miami, Navy, Penn State, West Virginia) and West (Air Force, California, Nevada, San Francisco, San Jose State, Texas Southern, UNLV, Washington).

Air Force will be represented in all 12 weight classes (Drew Pineda, 112-lbs.; Roy Taylor, 119-lbs.; Stephen Bittner, 125-lbs.; Andrew Munoz, 132-lbs.; Dan Starr, 139-lbs.; Glenn Miltenberg, 147-lbs.; Tyrus Korecki, 156-lbs.; Casey Habluetzel, 165-lbs.; Mike McLain, 175-lbs.; Zac Spranger, 185-lbs.; Logan Brandt, 195-lbs.; Olawale Lawal, heavyweight)

The official brackets will be determined on Thursday morning, following the official weigh-in. The championship round of NCBA action will be streamed live on GoAirForceFalcons.com.



ELIZABETH ANDREWS

Senior Dan Starr, right, picked up his third Wing Open title after taking the judges' vote from sophomore Ethan Salgado in the 139-pound contest.

deal of the day

NEVER MISS A DEAL

gazette.com/dealoftheday

Puzzle solutions for 04-06-2012

PUZZLE SOLUTION	B	A	T	A	T	E	A	R	T	U	T	2	6	8	5	7	9	3	1	4			
	M	I	A	S	T	O	K	Y	O	A	P	R	5	9	4	1	3	8	2	7	6		
	O	R	B	S	S	U	P	E	R	B	A	B	T	U	1	3	7	6	4	2	8	9	5
	C	E	B	U	P	L	E	D	E	L	L	A	S	7	5	9	2	8	4	1	6	3	
	D	E	R	B	I	E	S	R	E	E	K	S	4	2	1	3	5	6	9	8	7		
	D	E	A	N	S	T	A	T	E	6	8	3	7	9	1	5	4	2					
	R	D	S	T	A	F	F	S	8	4	6	9	2	5	7	3	1						
	S	A	L	I	S	B	U	R	Y	9	7	2	4	1	3	6	5	8					
	S	E	C	E	D	E	D	O	3	1	5	8	6	7	4	2	9						
	P	A	R	K	R	I	S	S	A														
	S	L	I	G	O	T	A	T	T	O	O	S											
	C	A	L	E	B	B	A	B	E	L	U	C	E										
	A	N	I	A	F	R	A	I	D	A	D	A	R										
P	A	N	M	O	U	L	D	C	A	L	I												
E	R	G	A	N	T	S	E	D	E	N													

\$300 Active Duty & Adult Family Member Discount

Bentele
INNER SMILES
Orthodontics

MARK J. BENTELE, DDS, MS, PC
(COL, USAF, RET)

ORTHODONTICS FOR ADULTS AND CHILDREN
Saturday and after-school appointments available.

2575 Montebello Dr W, Ste 101
between Union & Academy

UNITED CONCORDIA/payment plans available. No charge evaluations.
719-268-7138 • www.inner-smiles.com

DIAL 2-1-1
FOR
FREE, CONFIDENTIAL
INFORMATION AND REFERRALS

FOOD
UTILITIES
SHELTER
MEDICAL/PRESCRIPTION
CHILDCARE
RENT/MORTGAGE
AND MORE



Pikes Peak United Way

2-1-1
Get Connected. Get Answers.



After-hours dental care

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.



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

Supper: today at 5:30 p.m.

HOLY WEEK

Catholic Vigil of Palm Sunday:

Saturday at 4:00 p.m.

Palm Sunday Mass:

Sunday at 8:45 a.m.

Protestant Worship Service:

Sunday at 10:15 a.m. and 11:30 a.m.

Holy Thursday Mass and Adoration:

Thursday 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.

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-ucci.com.

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.

Family Advocacy Classes

The Family Advocacy Program offers classes for anger management, stress management and active parenting of teens.

Classes are open to active duty service members, family members, Defense Department civilians and retirees.

The anger management class is four sessions and will be held on Tuesdays April 1- May 8 from 8-9:30 a.m.

The stress management class is two sessions and will be held on Tuesdays May 1-May 8 from 11-12:30 p.m.

The active parenting of teens class is four sessions and will be held on Thursdays April 26, May 3 and 17 from 8-10:00 a.m.

Please call 333-5270 to sign up.

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 check-out 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 Fit-

ness 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."

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/GMQcm9>.

2012 Academy Audit

The Environmental, Safety, and Occupational Health Compliance Assessment and Management Program Audit will be conducted April 23-27 at the Academy.

This year's audit will be an external audit conducted by a team of military, civilian and contractor personnel.

This year's audit will encompass all organizations, tenants and contractor operations on the base and will evaluate the installation's overall compliance with environmental, safe-

ty, and occupational health laws and regulations. Once findings are distributed, each organization will be responsible for completing all required closure actions according to the management action plan developed after the audit.

For questions please contact Jeanie Duncan at 333-0812.

Intramural Soccer League

Defense Department members 18 years or older who would like to participate in a soccer program may contact Dave Castilla at 333-4078.

Games will be held on Tuesdays and Thursdays from 5:30-6:30 p.m. starting April 10th.

For the Intramural Softball League: the softball coach's meeting will be April 12 at 3:30 p.m. in the back office of the fitness center.

Easter Egg Scramble

The 10th Force Support Squadron will host an Easter Egg Scramble at 11 a.m. Saturday on the Preparatory School Parade Field for children ages 0-12. Other events include train rides, bouncy castles and a fire truck.

Masters Tournament

The Falcon Club will host an Easter Brunch Sunday with seatings at 10:30 a.m., 11:30 a.m., 1 p.m. and 2 p.m.

The buffet menu includes a variety of breakfast items, to include an omelet station, lunch selections, a carving station, savory seafood a salad bar and a dessert station.

Call 333-4253 to make a reservation.



RAYMOND MCCOY

Taking a bite out of crime

Tech. Sgt. Mark Chandler (right) and Military Working Dog, Oli, apprehend Staff Sgt. Timothy Bailey (left) an exercise perpetrator who had fled the scene of a traffic stop scenario during a training exercise March 30. Dogs can serve as a psychological deterrent and force tool to gain compliance of an adversary in a dangerous situation.

New Today!
LIKE NEW!
MONTANA RV 2955 RL, 2010. 2 slides, 33 ft. No pets/smoking. Like New! \$39,000 (719) 573-7353

New Today!
ROYALITE 5th Wheel 35FT 2002 - Luxury pkg, loaded with upgrades. 3 slides, generator, W/D, FP. Excellent condition. Under NADA:\$22,000 (719)671-8101

New Today!
JET Mate with Trailer 1992 - 1992 Kawasaki Jet Mate/trailer. Power drive V2 Motor, Joy stick steering. Accessories. (970)316-1660



Discover local resources for military families

SPRINGSMILITARYLIFE.COM

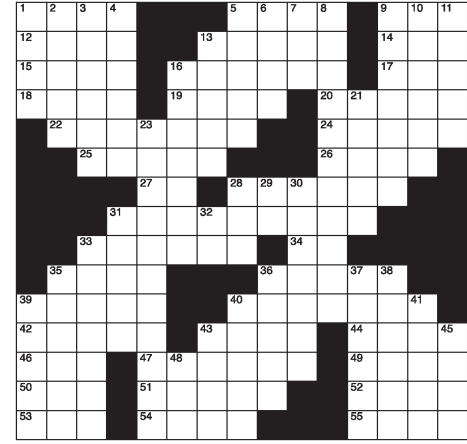
CLUES ACROSS

1. Bay Area Transit Auth. (abbr.)
5. Pull apart by force
9. Ancient Egyptian King
12. Missing soldiers
13. Capital of Japan
14. Diamond month (abbr.)
15. Spheres
16. Surpassing good
17. British thermal unit
18. Philippine island & seaport

CLUES DOWN

1. Big man on campus
2. Made public by radio or television
3. Labelled
4. Inform positively
5. Drinks habitually
6. Supplemented with difficulty
7. SW Scottish river & port
8. American poet 1874-1963
9. Pads
10. Ingestion or intake
11. Tie up a bird before cooking
13. Bulrushes of the genus Scirpus
16. Turned rod on a

19. Legally argued
20. Belonging to singer Fitzgerald
22. Bowler hats
24. Has a strong odor
25. Doyens
26. London Gallery
27. Rural delivery
28. Rods
31. Stonehenge plain
33. Withdraw from membership
34. Execute or perform
35. Central or Yellowstone
36. Municipality in Norway
39. Bay of NW Rep. of Ireland
40. Skin designs
42. Son of Jephunneh
43. Baseball's Ruth
44. Clare Booth __, Am. writer



21. Having or covered with leaves
23. The 44th U.S.
28. Midway between S and SE
29. Tuberculosis (abbr.)
46. Black tropical American cuckoo
47. Filled with fear or apprehension
49. 6th Jewish month
50. Wide metal vessel used in cooking
51. Make by pouring into a cast
52. Colombian city
53. Heat unit
54. Carpenter, red and army
55. Adam and Eve's garden

SUDOKU

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

Solution on page 12

Level: Advanced

04-06-12


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 it gets to solve the puzzle!


Peak Dining

BILLIARDS
 **Antique Billiard Museum**
3628 Citadel Dr N Colorado Springs, CO 80909 / 719-597-9809 or **Diamond Billiards**
3780 E Boulder St Colorado Springs, CO 80909 / 719-596-9516
Two great Billiard Rooms. Best equipment, pricing and pro shop. Over 68 playing pool tables including regulation, snooker billiards and diamond bar tables, 50 cents.

GERMAN DINING
 **Edelweiss**
34 E. Ramona Ave.
719-633-2220
www.edelweissrest.com
Family owned & operated, Best German Restaurant for over 10 years. Hours: Every day 11:30am-9:00pm. Dinner starts at 4:00pm. Authentic menu with a variety of Old World German dishes includes Schnitzel, Bratwurst, and Sauerbraten. Imported German Beers and Wines and our European-trained Swiss Pastry Chef Bakes all of the desserts from scratch. www.edelweissrest.com

CARIBBEAN
 **Rasta Pasta**
481-6888
405 N. Tejon
rastapastacs.com
USAFA Grad Owned. Creative Caribbean Pasta, Fresh & Funky Salads, Ridiculously Good Desserts. Open seven days a week for affordable lunch and dinner. Voted Best New Restaurant by Gazette readers. Happy Hour Daily 4-6. Live Reggae Music the First Friday of every month.

IRISH
 **JACK QUINN'S**
Irish Pub & Restaurant
385-0766
21 S. Tejon Street
Open for Lunch & Dinner daily;
Sunday Brunch served 12 pm-3 pm;
Happy Hour 3-6 pm; & late night Sunday.
Owned by 4 USAFA Grads! Serving traditional Irish fare & American cuisine for lunch & dinner. Happy Hour daily 3-6pm & late night Sun. 10 pm-1 am., 15 delicious drafts & the best selection of Irish Whiskeys. Live Irish Music Tues., Thurs., Sat. & Sun. with County El Paso, Brian Clancy, Big Paddy & the Irish Session Musicians! Reader's Choice Voted Best Bar 2007 & 2010. www.jackquinnspub.com

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**
A STEAK HOUSE
719-227-7333
31 N. Tejon Street
www.thefamoussteakhouse.net
Lunch Mon.-Fri * Dinner Nightly. Think that late night Chicago Steakhouse: polished booths that enclose years of secrets, big slabs of aromatic prime rib, sparkly cocktail glasses clinking at every table... **Best Steak 2011, Best Fine Dining 2011, Best Martini 2011, The Gazette.** facebook.com/FamousSteakHouse

FINE DINING
 **The Margarita at Pine Creek**
7350 Pine Creek Rd.
Colorado Springs, CO 80919
598-8667
www.margaritapinecreek.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

Albertsons®

It means a great deal.™



DOUBLE TICKET WEEK!
APRIL 4-10, 2012

LOOK
for these signs
that point the way to savings

LOW PRICES
ON THE ITEMS YOU BUY MOST
EVERY DAY...



Double

Manufacturer
Coupons
up to & Including

50¢

EFFECTIVE THROUGH 4/10/12

U.S.D.A. CHOICE STEAKHOUSE CHOICE PREMIUM BEEF

USDA CHOICE BEEF
Ribeye Roast or
New York Roast
Bone-in Limit 1

5.88 lb.

Hormel Foods

Spiral
Sliced Ham
Bone-in Limit 1

1.59 lb.

Pepsi
12 pk., 12 oz. or
6 pk., 24 oz.
Select Varieties
Sale Price 4 for \$11.88
Final Price
4.988
for
When You Buy 4
Limit 1 Reward Per Transaction

LOOK what's new!

Weekly Coupon Coupon Effective 4/4/12 - 4/10/12

Buy Two Crush 12 Packs, Get One Albertsons Large Eggs 12 ct. FREE!
with Coupon
Limit 2 FREE, Additional \$1.49

Limit 1 coupon per customer per transaction. No Cash Back. May not be used in combination with any other offer. Can not be doubled, tripled or quadrupled or exchanged for cash. Valid at participating locations.

Fresh

Russet Potatoes
10 lb. Bag

1.88 ea.

Dreyer's
Ice Cream 1.5 qts.,
Fruit Bars 6-12 pk. or
Nestle Novelties 4-9 ct.
Select Varieties

2 for \$5

BONUS MONOPOLY TICKET ITEM

Lay's
Potato Chips
10-10.5 oz.
Select Varieties
Limit 4

1.99

Fresh to GO

BONUS MONOPOLY TICKET ITEM

HOT AND FRESH
Signature 8-Piece
Fried Chicken
2 Breasts, 2 Wings,
2 Thighs, and 2 Legs
Limit 2

4.99 ea.

Albertsons
Purified
Drinking Water
24 pk., 16.9 oz.
Limit 4

4 for \$10

PREMIUM Easter Lily 6" Pot

7.99 ea.

This Saturday, April 7 is **MILITARY DISCOUNT DAY!**

All Active, Reserve or Retired Military Personnel* **RECEIVE AN ADDITIONAL 10% OFF YOUR ENTIRE PURCHASE.**

*ID Required, Some Restrictions Apply. See Store For Details. People featured are not actual service members.

Prices Effective 4/6-4/10/12 Visit www.albertsonsmarket.com

The MONOPOLY name and logo, the distinctive design of the gameboard, the four corner squares, the MR. MONOPOLY name and character, as well as each of the distinctive elements of the board and playing pieces are trademarks of Hasbro for its property trading game and game equipment. © 1935, 2012 Hasbro. All rights reserved. NO PURCHASE NECESSARY TO PLAY OR WIN. See store for official rules & odds chart. Pictures of prizes are for informational purposes only and may not depict the exact prize awarded. Pictures or logos used as representations of prizes do not imply sponsorship in any way.

RAIN CHECK: We strive to have on hand sufficient stock of advertised merchandise. If for any reason we are out of stock, a Rain Check will be issued enabling you to buy the item at the advertised price as soon as it becomes available. Savings may vary. Check price tag for details. We reserve the right to limit quantities. Please, No Sales to Dealers. AVAILABILITY: Each of these advertised items is required to be readily available for sale at or below the advertised price in each Albertsons store except where specifically noted in this ad. © 2012 Albertsons, L.L.C. Albertsons, the Albertsons logo, the Savon Pharmacy logo and the 10 for \$10 logo are trademarks of New Albertsons, Inc or its subsidiaries and is used under license. We reserve the right to correct printed errors.

040612_ROP_CS_M