

WMC Crossfeed

Air Force Association – Wright Memorial Chapter 212

Box 33604 • Dayton, Ohio 45433-0604

An information bulletin from the Wright Memorial Chapter

PRESIDENT'S MESSAGE



TOM KOOGLER

I am humbled to be the new president of this great Wright Memorial Chapter 212. It is a privilege to serve in this capacity of YOUR Chapter and I look forward to the challenge. I want to start out by thanking Shiela Wallace for her leadership as the immediate past President. Shiela has been a loyal and staunch volunteer for the Chapter for several years. Over the last two years, she devoted countless hours guiding the Chapter in a superb and successful manner. I also want to thank her for the team of appointed Vice Presidents she had in place and want to thank them for continuing in those positions. When you see Shiela, please extend your thank you for her dedication and guidance and I know that she will continue this dedication in the future.

I want to thank your leadership team. During my time as Executive Vice President, I personally witnessed the effort, dedication and professionalism of Vita Eonta, Secretary; Bob Van Hook, Treasurer; and Ev Odgers, Executive Director. I'm very happy to say that they all agreed to continue to serve in that capacity. Our new Executive Vice President is Ken Curell and I greatly appreciated him saying yes when I asked him to considering being the Executive Vice President. I know from past experience that once he says yes, there isn't a more dedicated individual. I'd also like to thank all the spouses of this team. I know how important the support I get from my wife, Pat, is and I've seen this same type of support from the spouses of your elected officials. I'd like to take this opportunity to recognize them, Jene Curell, John Eotna, Libby Van Hook and Lynn Odgers.

I'd also like to thank all of our other Vice Presidents for all they do for the Chapter. I couldn't ask for a better leadership team to guide me as we take care of your Wright Memorial Chapter 212.

During my term as Executive Vice President, I was very fortunate that Shiela Wallace included me in all aspects of the Chapter, which will make the transition easier for me. I definitely had to hit the ground run-

ning because the months of November and December are very busy months for our Chapter. The Chapter helped host a 25-member Royal Netherlands Air Association visit to WPAFB, held our first Regional Legislators Breakfast, hosted our Star Sponsor Reception and partnered with the Dayton Development Coalition and Miami Valley Military Affairs Association to Welcome Maj Gen Thomas Masiello, AFRL/CC, and Col Jeffery McGalliard, 445th/CC and supported the VA's Holiday Party. Members attended the 445th Change of Command Ceremony and Col Stephen Goeman's Retirement Ceremony and Dinner, Doolittle Raiders Final Toast, Team Wright Patterson Quarterly Awards Luncheon, ROTC Detachment 643 Commissioning Ceremony, the 110th Anniversary of Flight and other events. You'll find additional information on several of these events included in this issue of Crossfeed.

One thing that came out loud and clear during all of these events was the support and direct involvement of the Wright Patterson AFB leadership and that of our sponsors. I can't emphasize enough how important that is for our Chapter. I want to take this opportunity to publically thank them for their continued support!

Here are some of our plans for the future:

- Remain and increase our relevancy to the Air Force and our Community
- Increase our engagement with the Wright Patterson leadership, our sponsors and community
- Continue the majority of our programs while relating them back to our AFA mission
- Improve communications with our membership
- Find ways to partner with other organizations/associations that have similar goals
- Increase the visibility of our Aerospace Education Programs including more involvement with our Teacher of the Year and increase the number of Cyber Patriot Teams

Pat and I are both very excited about the great opportunity you have entrusted us with and look forward to working with the Chapter's leadership. Your leadership team encourages you to continue your involvement in our Chapter and let us know of ways to improve it.

Royal Netherlands Air Force Association's Visit to Dayton

The Royal Netherlands Air Force is celebrating their 100th anniversary this year. As part of their celebration, a team of 25 Royal Netherlands Air Force Association (RNLAFA) members traveled to the US. In preparation for their trip, the RNLAFA contact our AFA National for support who reached out to our Chapter to help with their visit.

The team was led by Michiel Kasteleijn, National Vice President of RNLAFA. The team started their tour in Washington DC with a visit to the Smithsonian and dinner with the Netherlands Ambassador to the US, traveled to Dayton and then flew to Dallas to tour Lockheed Martin's F-35 plant.

Even though they spent less than 24 hours in Dayton they had a very eventful visit. We were able to help them by arranging a tour at the National Museum of the US Air Force (NMUSAF), a mission briefing by Col Cassie Barlow, 88th/CC, and Col Steve Goeman, 445th/CC. They also heard about the F-16 program from Lt. Col Bas Bokma, the Netherlands Air Force liaisons officer stationed in the WPAFB F-16 program office. We also discussed our own Chapter and what we are doing to support WPAFB and the Miami Valley.

I'd like to personally thank several people from Wright Patterson Air Force Base for making this visit so memorable for them. The visit took place on 5 November. Due to the US government shut down as well as other challenges there were many uncertainties about the trip right up to the week before. This did not faze any of the individuals who said they'd help with the visit. David Thomas at the National Museum of the US Air Force made many of the arrangements. The visit was hugely successful. The RNLAFA team was so impressed with the NMUSAF and the Dayton area they are planning a longer return visit in 2014.

Upcoming Events

The events listed below are a few of the upcoming events that we hope you will consider:

January Monthly Meeting

Held in partnership with the Kittyhawk Chapter of the Association of Old Crows

Date: Wednesday, 8 January 2014

Registration starts at 1130

Speaker:

Major General Thomas Masiello,
AFRL Commander

Location:

The Tower Club; 3500 Pentagon Blvd,
Beavercreek OH

February Monthly Meeting

Date: 4 February 2014 at 1130

Location: WPAFB Club

VA Valentine's Party

During the week of 10-14 February 2014
AFA and VA staff will provide a Valentine
party

Location: VA Medical Center
All volunteers are welcome.

TechFest 2014

Date: 15 February 2014

Location: Sinclair College

WMC212 be presenting
Teacher's Workshops during TechFest

March Monthly Meeting

Date: 4 March 2014 at 1130

Location: WPAFB Club

Hail for Maj Gen Masiello and Col McGalliard

AFA's Wright Memorial Chapter, Dayton Development Coalition and Miami Valley Military Affairs Association combined to welcome Maj Gen Masiello, AFRL/CC, and Col Jeffery McGalliard, 445th AW, to the Miami Valley area in a joint informal reception at the Wright Patterson Club on 11 December 2013. Jeff Hoagland, (President/CEO, Dayton Development Coalition), Tom Kooger, (President, Air Force Association's Wright Memorial Chapter 212) and Mike Mayer, (President, Miami Valley Military Affairs Association) provided welcoming comments. Both Maj Gen Masiello and Col McGalliard expressed their appreciation for the warm welcome. The event was attended by leadership from all three organizations and the leadership of many of our sponsors.

Doolittle Raiders Reception

On 9 November 2013, several of us had an opportunity to witness history at the National Museum of the US Air Force. Kent Owsley, President of the Great Lakes Region, Tom and Pat Koogler, and Ken and Jene Curell represented the Great Lakes Region and our WMC 212 at the Doolittle Raiders Final Toast. This was a historical event honoring true American Heroes. Our National Air Force Association was one of the major sponsors of the event. National AFA President, Craig McKinley, attended the weekend events along with former AFA Chairman of the Board, Joe Sutter. The following e-mail from Chet Curtis, National AFA Director of Education and Communication, on 14 November does an excellent job of describing the event.

"The World War II Doolittle Tokyo Raiders were honored this weekend with a final toast at the National Museum of the U.S. Air Force. The ceremony was attended by three of the four living Raiders: retired Lt. Col. Richard "Dick" E. Cole, retired Lt. Col. Edward J. Saylor, and retired Staff Sgt David J. Thatcher. The Air Force Association was privileged to be one of the sponsors of the event.

The Note below was written by former AFA Chairman of the Board, Joe Sutter, who, along with AFA President Craig McKinley, attended last weekend's Doolittle Raider Final Toast ceremony in Dayton, Ohio. These are his comments on attending this Historic event.

"I was extremely proud and deeply honored to represent AFA along with Craig McKinley at the events in Dayton over the weekend. It was very appropriate that AFA was not only there, but also served as a major sponsor of the events. We have long-standing ties with Jimmy Doolittle and the Raiders, and we will continue to honor their legacy with the work we do as an organization.

"Jimmy Doolittle was AFA's first elected leader, and his statue stands in the entrance to our building. I always give him a salute when I come in the main entrance and I know other AFA leaders pay their respects in similar ways.

"In 2009 AFA gave the Doolittle Raiders the AFA Lifetime Achievement Award, and standing on the stage with Raiders Dick Cole and Tom Griffin was one of the proudest moments of my time as Chairman. The Raiders asked that the award be kept at the Air Force Museum where it is currently on display in a beautiful lighted case next to the 80 silver Raider goblets.

"The Tokyo raid was not only a turning point of the war in the Pacific, but also a critical milestone in air power history, demonstrating the impact of strategic bombing.

"Perhaps the most moving moment for me was the "Raider Roll Call" before the final toast on Saturday evening. Of course, the first name called was Jimmy Doolittle. The second was his co-pilot, Dick Cole, who strongly answered "HERE".

"The roll call continued, and only two others responded. Edward Saylor and David Thatcher. The fourth surviving Raider, Robert Hite, was unable to attend, but members of his family, including son Wallace, were there. Over 20 of the Raiders were represented by family members in attendance at the ceremony.

"The roll call gave a poignant reminder that the decision to do the final toast now was certainly a wise one. We will not have these heroes with us much longer.

"Those of us there in Dayton were fortunate to have the benefit of "time" to put the raid into perspective. Time has helped us understand their mission meant for the war effort, what it meant to air power, what it said about the courage and commitment of all 80 volunteers. Those on the deck of the Hornet knew little of what lay ahead -- only that it was a dangerous mission.

"I had the incredible opportunity to speak with Dick Cole privately following the Lifetime Achievement Awards ceremony a few years ago. I remember asking him what he was thinking as he was sitting on the deck of the Hornet waiting to take off. I expected his answer to be something like, 'I hope I come through this alive'. Or, 'I wonder if we will find our targets and make it to China.' He said simply, 'All I know is that I am sitting next to the greatest pilot in the world.' And of course, that pilot was Jimmy Doolittle.

"Another thought that became very clear to me as the weekend concluded was that since this was to be the last formal gathering of the Raiders, the annual reunion on April 18th will no longer be a standing occasion to remember what these incredible men accomplished. It seems to me that AFA, given its connection to Gen. Doolittle, must do something to institutionalize the importance of April 18th. Our chapters should honor this anniversary by conducting some sort of recognition event, however simple, so we can continue to tell the story of the Raiders.

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AFANextGEN

The AFA Wright-Memorial Chapter 212 social media committee has been busy. This year we launched an AFANextGEN Facebook page and revitalized the AFA Wright Memorial Chapter Facebook page. Why two pages? We use the AFA Wright Memorial Chapter page to share important information from a variety of sources to promote the AFA's mission; educate, advocate, and support. AFANextGEN is much more edgy, techy, and creative, and designed to educate prospective members through indirect marketing.

Strategic Plan

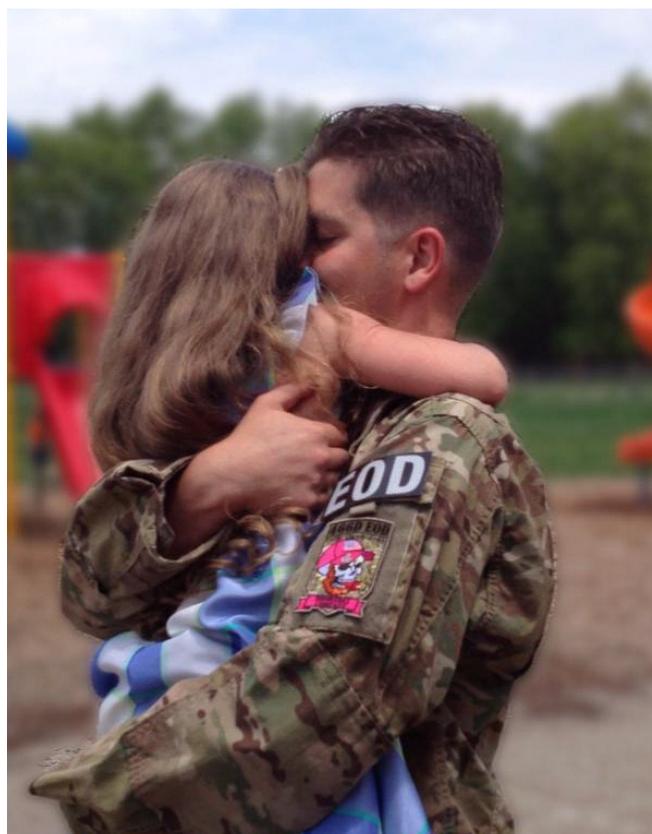
In the past quarter our social media committee composed its strategic plan for the upcoming year. The plan included several activities to increase awareness of the AFA and encourage membership. We planned quarterly events such as a Facebook Photo Contest, Facebook Story Contest and Facebook Video Contest. These contests benchmark from the very successful Patriotic Photo Contest we announced on the Fourth of July. This proved tremendous at reaching new audiences on Facebook. Almost all of the AFANextGEN followers are new to AFA. We also planned a Networkers Flash-mob Social, designed to bring together local businesses, existing and potential AFA members, for networking. We also offered a way to efficiently communicate to our members through social media thereby reducing postage expenses.

“Patriotic Photo” Contest

As mentioned above, last summer we held the AFANextGEN “Patriotic Photo” contest. The contest ran for 30 days and the winner was selected on July Fourth. Facebook followers were simply asked to upload a Patriotic Photo on the AFANextGEN Facebook page to compete for a \$100 gift certificate to their favorite store. Once photos were uploaded viewers voted by “Liking” their favorite photo. The photo with the most “Likes” was determined the winner. Ms. Sheila Wallace, President of AFA Wright Memorial Chapter 2012, announced the winner via video feed.

The top three photos:

- **First place** with 468 “Likes,” entry #9 by Dana Jolman, “Our hero came home a few weeks early and surprised our daughter at school with his return!”
- **Second place**, with 321 “Likes,” was entry #12 by Javier Delucca, “American Bald Eagle.”



- **Third place**, with 54 “Likes,” was entry #3 by Char Roles, “Paying respect to the famous Hanoi Taxi, the aircraft that first brought home Vietnam POW’s.”

To make AFANextGEN successful we need you to follow us on Facebook. You don't have to be a Facebook expert, or even Internet savvy, but joining allows you to stay connected and receive materials that are otherwise unavailable. Plus it's fun. If you don't know how, just ask one of your kids, or grand kids. I am positive they can get you up and running in five minutes. Take a moment to sign up today.

**Update your AFA Records
at www.AFA.org**

New Memorial to Honor Soldier

The following article was in the Dayton Daily News on 10 December 2013. Army Staff Sgt. Wesley Williams died in Afghanistan on 10 December 2012. While in high school, Staff Sgt Williams his wife were both Tecumseh Junior ROTC cadets.

“The American flag is reflected in the memorial stone for Army Staff Sgt. Wesley Williams as it waves in the wind on the flag pole in front of Tecumseh High School.

By BRIAN BONDUS
Staff Writer

New Carlisle — Hundreds gathered Tuesday at Tecumseh High School to dedicate a memorial for a 2005 graduate who died in Afghanistan a year ago.

Army Staff Sgt. Wesley Williams, 25, died Dec. 10, 2012 while serving in the Army’s 2nd Infantry Division in Operation Enduring Freedom in Kandahar, Afghanistan.

Col. Fred Schuster, who runs the Junior Reserve Officers’ Training Corps at Tecumseh High School, met Williams and his wife Krista during the couples four years in the program at the Clark County school.

“It’s not quite, but probably just about as close as a parent losing a child” Schuster said.

He said as soon as he heard Williams had died last year, he knew he had to honor him.

“Anybody that makes the type of sacrifice that he did for the purpose of patriotism and our freedom deserves a ceremony,” Schuster said.

Last spring, the JROTC program started to raise funds for a stone honoring Williams. It was dedicated Tuesday.

Schuster said “Wes” and Krista used to be a two-person color guard at a lot of events and that is why the stone is facing the flag.

Also on the stone is a QR code that leads people to a website to learn more about Williams’ life.

Schuster described Williams as a “happy go lucky man that knew when to be serious.”

“Wesley was the kind of young man that every parent would want as a son and wife would want as a husband,” Schuster said

“Wes was a go getter. He always wanted to be first. He liked to goof around, but he was always serious when it was time for us to do something in the way of drills or flags. He always volunteered,” said Master Sgt. Ruiz, another of William’s JROTC leaders.”

DOOLITTLE RAIDERS RECEPTION . . .

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“On Friday evening, the families of the four surviving raiders were given a special bottle of cognac in a beautiful wooden case. Inside the case was a quote attributed to then-Lt Col James H. Doolittle: ‘There’s nothing stronger than the heart of a volunteer.’ What a great quote!

“As I was leaving Dayton, one of the Raiders, Edward Saylor came into the terminal and I had a chance to shake his hand, thank him, and have my picture taken with him. What a way to wrap up a historic weekend!”

For more information on the ceremony from this past weekend, check out the in-depth [article](#) from Air Force Magazine.

*Thanks, Chet Curtis
Director of Education and Communication”*

445th AW Command of Command:

Several members of the AFA’s Wright Memorial Chapter attended the 445th’s Change of Command Ceremony on 2 November 2013. Brig Gen Jeffrey Barnson, Vice Commander of 4th Air Force, was the Presiding Officer at the formal Change of Command Ceremony for the 445th AW. Colonel Stephen Goeman relinquished Command to Colonel Jeffrey McGalliard. Col McGalliard most recently served as the Commander of the 513th Air Control Group at Tinker AFB, OK.

Col Stephen Goeman’s Retirement Ceremony followed the Change of Command. Major General Keith Kries, Mobilization Assistant to the Commander, 8th Air Force, was the presiding officer. Col Goeman’s retirement dinner was held later in the evening at the National Museum of the US Air Force. He has been very active in our AFA Chapter. The Chapter’s coin was included in a special memento presented to Col Goeman. He and his family will be remaining in the local area.

AFA Educators' Action Team, Busy with STEM Workshops

Three workshops a school year may sound easy, but it keeps the AFA, Wright Memorial Chapter Educators' Action Team (EAT) busy throughout the entire school year. The last weekend in September we hosted 35+ teachers at our annual AFA Grant Writing Workshop at Starbase on WPAFB. This gives teachers the opportunity to write a grant valued at \$250. Each teacher learns the steps for grant writing, submits a grant and receives CEU's from Wright State University for their participation in the workshop. Grants will be awarded in February from Headquarters AFA. Ohio has been awarded more grants than any other state. Most of those awarded have participated in our workshops either during the current year or in years past. Many of those from years past received a grant during the year they participated in the workshop, and now they continue to use that knowledge to continue to earn grants.

On February 15, 2014 TechFest 2014 will return to Sinclair College for the weekend. This is the 11th year for this two day STEM event for teachers, students and their families. EAT has been facilitating the teacher workshops for TechFest for 10 of the 11 years. We started out with 8 workshops and three years ago we doubled that number to 16 STEM workshops for teachers from all around the state, including three teachers from Indiana, Michigan and Kentucky. We are thrilled to partner with Wright State University to provide CEU's to our teachers. Four workshops per session and four sessions accommodate 100+ teachers per session. We provide these workshops to public, private, parochial, charter and home school teachers. Registration will open on January 21st at 8:00 a.m. and these classes fill very quickly, some as quickly as noon on opening day.

I would like to encourage all AFA Wright Memorial Chapter members to share this information with teachers and encourage them to attend. A copy of the flyer can be found with this newsletter, so please make as many copies of the flyer as you choose and share it with as many teachers as you choose. Keep watching the Crossfeed and our chapter website for more exciting news as the school year progresses from your Educators' Action Team.

VA PSR HOLIDAY PARTY

The Wright Memorial Chapter of the Air Force Association (AFA) provided \$150.00 to help support the Veteran Affairs (VA) Psychosocial Rehabilitation (PSR) Holiday Party at the Dayton VA Medical Center. The VA Staff held the party at the Multipurpose Room at the VA Medical Center on Thursday 21 November 2013. Vita Eonta, George Simons, and Joanne Powell represented the AFA at the party and helped serve the PSR veterans. The volunteers served turkey with dressing, ham, mashed potatoes, green beans, sweet potatoes, dinner rolls, and an assortment of pies, coffee, soda and bottled water to the veterans. The VA staff provided blankets and door prizes to the veterans after their meal. Several lady volunteers provided Christmas songs to entertain the veterans. The veterans showed their appreciation for the party.

WMC212 Star Sponsor Reception

Our Wright Memorial Chapter 212's leadership hosted an informal reception at the Wright Patterson Club for the leadership from Wright Patterson AFB and our Star Sponsors on 5 December 2013. Even with threatening winter weather and every one's hectic schedule, it was extremely well attended. Attendees included leadership from AFMC (Lt Gen Busch), AFLCMC (Lt Gen Moore, Ms Reeves, Chief Master Sgt Grindstaff), AFRL (Maj Gen Masiello), NASIC (Col Prupas), 88th ABW (Col Barlow), senior leaders from many of our Star Sponsors and our Chapter's leadership. Tom Koogler, WMC212 President, gave welcoming remarks. Lt Gen Moore on behalf of WPAFB, expressed his thanks to the Chapter and its sponsors for the continued support to Wright Patterson AFB and he gave a special thank you to Shiela Wallace, the Chapter's immediate past President.

Dwight Barlow, our WMC212 Chapter's and State of Ohio Teacher of the Year, and his wife Jennifer also attended. Dwight talked about his efforts at Fairborn Baker Junior High School teaching Project Lead the Way. Project Lead the Way is a national program that selected Fairborn Schools as one of its participating schools. Subjects that Dwight teaches include Aerospace Engineering, Design and Modeling and Automation and Robotics.



AFA Teachers' Workshops

Sat., Feb. 15, 2014

8:30 AM - 4:30 PM



in conjunction with



TechFest 2014

A Science & Math Exploration Extravaganza

At Sinclair Community College, Dayton, OH ~ Ponitz Center (bldg. 12), 4th & Perry

Free Admission ~ Free Parking in Ponitz Center

**Online Registration Begins on
Jan. 21, 2014 at 8:00 am and
ends Feb. 7, 2014 at 5:00 pm**

Register at <http://tfteacher.eventbrite.com>

Continuing Education Units sponsored by Wright State University

For information on qualifying CEU's for your district, contact your LPDC

A certificate for 1.5 Professional hrs. will be granted with the completion of each session attended

Please DO NOT bring children to the workshops

For questions call: Sharon Murner, 937-836-5248, 9:00 am - 9:00 pm

Session 1 8:30 am – 10:00 am

Register for only 1 class from this Session

Room 372 *Going Google to Revolutionize Your School* Presented by Brent Richard, Netdemics
Would you like to learn about the amazing advantages of using "the Cloud"? Here's your chance to gain an understanding of Google Apps and see Chromebooks in action. You will receive a step-by-step action plan on how to best "Go Google" from the Google Apps experts.

Room 374 *Beginners' WORD* Presented by Anita Gilkey, Business Information Systems Dept., Sinclair
Participants will learn how to type and format text, change font styles and color, use bullets, justification and more. They will gain experience with text boxes, pictures, cover pages and table of contents.

Room 262 *Exploring the Science of Flight in the Classroom* Presented by Richard J. Hughes, Lt. Col. USAF
Educators will learn how to use the study of flight in the classroom and beyond. Applications in STEM curriculum as well as in the social sciences will be demonstrated. An explanation and discussion on how to use aerospace examples and the study of flight in exciting ways in the classroom will be given.

Room 282 *Developing an Integrated Project* Presented by Letitia McKnight
You will be introduced to strategies for developing and planning an integrated project across content areas. We will be sharing developed projects, and conduct a brainstorming session to generate project ideas in collaboration with teachers of various content areas.

TechFest 2014 sponsored by:



Session 2 10:30 am – 12:00 pm
Register for only 1 class from this Session

Room 372 *Beginner's Google Earth* Presented by Jason Streiff, Starbase
Come explore the world in 3D and bring geography to life! Learn how to manipulate a virtual globe to view satellite imagery, maps, terrain, 3D buildings and elevation profiles.

Room 374 *Beginners' Excel* Presented by Ryan Murphy, Business Information Systems Dept., Sinclair
Want to excel with Excel? Come learn how to create, edit, format, filter and sort a spreadsheet. Here's your chance to gain experience working with formulas and creating charts.

Room 262 *Up, Up and Away.; Building a Hot Air Balloon* Presented by Dwight Bartlett
Come explore the value of using and building models in the classroom. You'll investigate lighter-than-air flight by building and launching a model hot air balloon and gain an understanding of the properties of air and measurement.

Room 282 *Pipeline Education* Presented by Leann Poston
Using an Anatomy and Physiology project in which Carroll High School students presented human body systems to local 6th graders using dissection and mini-labs with Vernier probes; participants will explore ideas on developing their own multilevel educational project.

Session 3 1:00 pm – 2:30 pm
Register for only 1 class from this Session

Room 372 *Useful Technology Applications for Collaboration and Communication* Presented by Maggie Veres
The characteristics of a 21st Century Learner are often described as being able to communicate and collaborate effectively. Participants will be introduced to a variety of applications that encourage these skills. The focus will be on inexpensive or free applications.

Room 374 *Beginning PowerPoint* Presented by Brad West, Business Information Systems Dept., Sinclair
Let us help you add "power" while making your "point". Learn how to choose a theme, work with backgrounds and animation as well as graphics.

Room 262 *That's A Class Of A Differentiated Color!* Presented by Joey Fultz
One teaching method is not always the best way to reach every student. You'll be given a brief background on Differentiated Instruction and shown several simple tools that can be used in the classroom. When you leave this session you will have a better understanding of the importance of and how to differentiate effectively

Room 282 *Toys In Space* Presented by Christine Evans
Discover the basics of Newton's Three Laws of Motion as students play with common toys and predict (and confirm) the toys' performance in microgravity.

Session 4 3:00 pm – 4:30 pm
Register for only 1 class from this Session

Room 372 *Exploring Resources for Classroom Teachers* Presented by Maggie Veres
Teachers are always seeking new ways to engage students. There are many resources available for teachers at little or no cost. Participants will be introduced to many sites that share resources for educators.

Room 374 *Basic Publisher* Presented by DeLena Aungst, Business Information Systems Dept., Sinclair
Learn how to create newsletters, brochures, calendars and more! Gain experience creating a page with text and pictures, inserting pages and manipulating the layout.

Room 262 *Using the QUEST method for conducting inquiry science* Presented by Carrie Bell
Is conducting an open inquiry in your classroom daunting? Learn simple methods to introduce the scientific method to students of all ages using the QUEST method. We will conduct a brief hands-on inquiry, discuss how to overcome some of the obstacles you may face in the classroom, and learn how to foster the inquisitive minds of your students!

Room 282 *Paper Rollercoasters* Presented by Beverly Stambaugh
The roller coaster is a great example of conversions between potential energy and kinetic energy. You will make a paper roller coaster track and use marbles for the cars. By interrupting the track and allowing the marble to continue on a smooth, level surface, you will measure the velocity of the marble and calculate its kinetic energy.

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PLEASE CUT OUT THIS APPLICATION AND RECRUIT A NEW MEMBER FOR THE CHAPTER. HELP THEM DISCOVER THE BENEFITS OF AFA MEMBERSHIP.

AFA APPLICATION

NAME _____ GRADE _____
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 CITY _____ STATE _____ ZIP _____
 AFA CHAPTER CHOICE **WMC 212** DATE OF BIRTH _____

ELIGIBILITY

I am eligible as a member or patron as shown and understand the annual \$36 fee includes a subscription (\$21) to AIR FORCE Magazine. The fee is not deductible as a charitable contribution for federal income tax purposes.

- DAF Civilian (Non-Veteran) Previous Service US Armed Forces
- Current Active Duty US Armed Forces Spouse/Widow(er) of any of the above
- Current Service US National Guard Patron (no service with armed forces)
- Current Service USAF Reserves
- Retired US Armed Forces

AFA MEMBER NUMBER FOR RENEWAL _____

PROFESSIONAL

- USAF (including civilian) NASA
- Other US Government Aerospace Industry
- Other Civil Air Patrol

JOB FUNCTION

- Management
- Engineering
- Operations
- Procurement
- R&D
- Professional
- Other
- GS 15 and above

MEMBERSHIP OPTIONS

- \$36 for 1 year
- \$90 for 3 years

LIFETIME MEMBERSHIP

- \$500 single payment
- Initial payment of \$85 with 4 payments of \$110 each
- Initial payment of \$85 with 8 payments of \$55 each
- \$525 extended payments

METHOD OF PAYMENT

- Check enclosed (not cash) American Express MasterCard VISA

Account Number _____ Exp. Date _____
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