

Approaching AE Deadlines

NOTE: There are no AE Deadlines imminent at this time. Two programs remain for 2010: Educator Grant applications will open in August and close in November, and registration for next year's VISIONS program will open at the end of July preceded by a separate announcement.

CAP's K-6 Aerospace Program Ready for 2010 Academic Year Lift-off

The Air Force Association has long supported the Civil Air Patrol, the official auxiliary of the United States Air Force. The missions of both organizations include the need to educate the general public about the importance of aerospace, both now and in the future. Science, technology, engineering and math (STEM) education initiatives are paramount in fulfilling this mission, and both the AFA and CAP provide a multitude of K-12 STEM opportunities for young people. CAP and AFA agree: producing ethical and technologically-prepared future citizens is of prime importance in maintaining global competitiveness and national security. Both organizations also agree that early educational intervention is key to future goal setting for our youth.

To address America's need to promote character development and STEM career options at an early age, CAP has developed an aerospace-themed program that excites and engages young people in preparing for the future. AFA chapters can use this program as an avenue to provide STEM initiatives for their community youth in grades K-6.

The Aerospace Connections in Education (ACE) Program was designed to integrate the aerospace theme in a cross-curricular manner in classrooms across America and includes three basic elements that address major issues for the schools of our nation: academics to meet future STEM workforce demands; character education to combat negative societal forces and prepare productive/ethical/responsible citizens; and physical fitness training to create citizens living a healthy and drug-free lifestyle.

The program contents include grade-level specific curricula which were designed by educators and incorporate fun, inquiry-based activities in almost 150 lesson plans that meet national academic standards and address national STEM initiatives. The lessons are designed



CAP Volunteer assists in rocket launch

to supplement and enrich the core curriculum and can be easily and inexpensively taught within a 45-minute classroom block of time. ACE teachers are encouraged to invite other school staff members, parents, and community volunteers to teach individual lessons to the students. This brings a variety of positive role models into the classroom from which students can learn important life skills. *AFA chapter volunteers would be excellent positive role models for the young people!*

Teachers participating in the CAP ACE Program receive a free basic ACE Program curriculum set: grade-level specific 21-lesson curriculum guide; class set of educational materials aligned with one or more of the lessons; and top-quality plaque and student certificates for program completion.

ACE teachers are expected to teach at least 12 of the 21 lessons in the grade-level curriculum guide any time during the school year. In return, the \$35 CAP teacher membership fee is waived for ACE teachers. With the free membership, the teachers receive over 20 additional STEM materials. Moreover, teachers receive a free orientation flight over their school and community in a CAP aircraft.

Teachers may wish to receive the enhanced ACE Program t-shirt component for their class. If the local AFA chapter would like to sponsor one or more classes for the enhanced program, each shirt is imprinted with the words "Supported by the Air Force Association," and *the cost is only \$3 per student.* If an AFA chapter elects to sponsor one or more classes for the enhanced program, the chapter could coordinate a nice ACE Program award and certificate presentation to the sponsored class(es) at an appropriate school or chapter function.



Building rockets

Air Force Association Recognized For Achievement in Aerospace Education

The Air Force Association has been selected to receive the National Coalition for Aviation and Space Education (NCASE) 2010 Crown Circle Award in recognition of their outstanding achievements in the field of aerospace education. The award will be presented at this year's EAA AirVenture *Teacher Day* on July 26, 2010, in Oshkosh, Wisconsin. The *Crown Circle Award* was established in 1979 to recognize performance and outstanding leadership in aerospace education. The award is one of the highest honors available in aerospace education. Those seeking this honor must demonstrate involvement in and commitment to aerospace education as a local, national, or international leader in aerospace education. Their performance must exhibit high quality over an extended period of time. Induction may also be the result of exceptionally unique or extraordinarily outstanding achievement or contributions in aerospace education.

AFA has supported and been a leader in Aerospace Education since inception in 1946. AFA has continued this long tradition by initiating three exciting new aerospace education activities: the Billy Mitchell Institute for Airpower Studies, the Elementary

STEM Orientation Program, and *CyberPatriot*, the National High School Cyber Defense competition.

AFA Garners the Strickler Aerospace Education Award

The National Coalition for Aviation and Space Education (NCASE) announced that it has selected the Air Force Association as a recipient of the Dr. Mervin K. Strickler Aerospace Education Award in recognition of its outstanding achievements in the field of aerospace education. The award will be presented at the National Aeronautic Association's annual awards banquet on November 8, 2010, at the Crystal Gateway Marriott in Arlington, Virginia.

In 1995, NCAE established the Dr. Mervin K. Strickler Jr. Award to honor Dr. Strickler and recognize individuals or organizations that share his personal commitment and lifelong contributions to aerospace education. Dr. Strickler has promoted aerospace education for more than 50 years and is considered the "father" of aerospace education.

AFA has shown consistent and enduring support for aerospace education for over 60 years and is aggressively pursuing new and innovative programs – today and for the future.

Bernard Skoch is *CyberPatriot* Commissioner

Bernie Skoch has been named the Commissioner for the Air Force Association's National High School Cyber Defense Competition, *CyberPatriot*. Skoch graduated from the University of Arkansas in 1974 with a bachelor's degree in industrial engineering and upon graduation was commissioned a second lieutenant in the Air Force. His 29-year Air Force career took him throughout the United States and on permanent and temporary duty in Europe, Asia, the Pacific, and the Middle East.

Skoch has more than 30 years experience in leadership positions developing, managing and implementing communications and information systems for the United States Air Force, the Defense Information Systems Agency (DISA), and the Joint Staff. He has served as the Principal Director for Customer Advocacy at DISA, as well as the Principal Director for Network Services. Within the USAF he served as Director of Mission Systems, Director of Communications Operations, and Director of Chief Information Officer Support where he was responsible for aligning information technology systems with business process improvements. While at the Joint Staff, he led development of the Global Command and Control System. He has developed and implemented defense policies for global telephone, video, radio, voice, data and satellite systems. Before joining *CyberPatriot*, Skoch was a defense IT industry consultant and was a candidate for the United States House of Representatives for the 3rd District of Arkansas.

Bernie and Debbie, his wife of 39 years, have six children and eleven grandchildren, all residing in Northwest Arkansas.



Bernie Skoch

Embry Riddle Silver Wings Recognizes Howell

Chapter President Jack Howell was honored as recipient of the Mary Ann Thompson Silver Wings award. The award was presented by Embry Riddle AFROTC Silver Wings president Cadet Lanell Craig. This award represents the leadership, mentoring and close interest Howell has provided this past year.

“My involvement with the AFROTC Detachment is as a result of my duties for the past three years as president of the Brig. Gen. James McCarthy Chapter 397 of the Air Force Association,” says Howell. “There were 52 Air Force Association members, throughout the country, nominated for this award. It was a complete surprise and an honor to win this award.”



Jack Howell and Cadet Craig

Hurlburt Chapter Recognizes Teachers of the Year for 2010

Hurlburt Chapter members and local educators gathered on April 8 to honor the Hurlburt Chapter Teachers of the Year for 2010. Guest Speaker for the event was Ms. Alexis Tibbetts, Okaloosa County School Superintendent. Approximately 40 members and guests attended this annual Chapter event to recognize some of the outstanding teachers in the area and thank them for the work they do.

The Hurlburt Chapter normally recognizes three Teachers of the Year representing elementary, middle, and high school. One of those teachers is selected as the overall Teacher of the Year for Hurlburt. That teacher also becomes the Chapter nominee to the AFA State Teacher of the Year competition.

This year the Chapter received seven nominations, but none from the High School level. Therefore, two Elementary School Teachers of the Year and one Middle School Teacher of the Year were selected. Nominations were received from Okaloosa, Santa Rosa, Escambia and Walton counties. A chapter committee then selected the three winners from the nominees. Final selections were: Mr. Jeffrey Baugus, of Woodlawn Beach Middle School, Santa Rosa County, Mr. Victor Lowrimore, Principal; Ms Amy Davis, Kenwood Elementary School, Okaloosa County, Mr. Alan Lambert, Principal; and Ms Sandy Palmer, Shalimar Elementary School, Okaloosa County, Ms Sheila Lightbourne, Principal. Ms Palmer was also named the Overall Teacher of the Year.



Middle School TOY Jeff Baugus receives his plaque from Superintendent Alexis Tibbetts and Dann Mattiza.

Each winner was presented a plaque, a \$250 check, an AFA membership and a coin from the Chapter. In addition, the Principal of each winner's school was presented a US flag that had flown over the US Capitol. Ms Lightbourne, the Principal of Shalimar Elementary, received a \$250 check for her school; and Ms Palmer, the Overall TOY

also received a \$250 check and a book bag from the National AFA organization. Ms Helen Rigdon of Congressman Jeff Miller's office presented each winning teacher with a Certificate attesting that each teacher's selection as a TOY had been made a permanent part of the Congressional Record.

AFA Announces 2010 AFA-FCEF Air Force Excellence Scholarships

The Air Force Association announced the five recipients of the jointly sponsored AFA – First Command Educational Foundation (FCEF) Air Force Excellence Scholarships. Each recipient will receive a \$3,000 check from FCEF at their college.

This Air Force Excellence Scholarship, administered by AFA and funded by FCEF, is for Air Force service members or their dependents. Each applicant submitted an application and three essays. A panel of judges made their decisions based on the completeness of the information and the quality of the essays.

"Each of these fine students is dedicated and deserving. These scholarships will assist those already on a path to excellence," said S. Sanford Schlitt, AFA's Vice Chairman of the Board for Aerospace Education. "These recipients of the Air Force Excellence Scholarships have demonstrated focus and achievement, as they strive to make meaningful contributions to America, and AFA is proud to support their efforts."

"We are thrilled to provide these scholarships and play a role in the continued success of these outstanding individuals selected by AFA," said Vickie Mauldin, FCEF's Chief Executive Officer. "These recipients have already accomplished a great deal and are each positioned to continue their pursuit of excellence. FCEF is proud to recognize their past efforts and promising futures."

The recipients of the 2010 AFA-FCEF Air Force Excellence Scholarships are as follows:

Adam R. Kerr – from Savoy, Illinois, is graduating from the University of Illinois and will continue on in a Master's program at the University of Pittsburgh in Security and Intelligence Studies.

Zacory T. Kobylarz – from Hollis, New Hampshire, has graduated from Hollis Brookline High School where he was in the National Honor Society and was a captain of the Varsity Ice Hockey Team.

Tiffany N. Owens – from Crestview, Florida, is studying Psychology at St. Phillips College, is a staff sergeant in the Air Force and is a former recipient of the Air Force Association's Pitsenbarger Award.

Jessica D. Salvatore – from El Cajon, California, is pursuing a Masters Degree in Clinical Nursing at the University of San Diego and she is a captain in the Air Force Reserve.

Meghan T. Updike – from Kapolei, Hawaii, is pursuing a Bachelor's Degree in nursing at the University of Arizona and volunteers preparing meals for Fisher House.

ABC News Reporter Embeds on Fighter Mission

In a story aired on May 26, Martha Radditz, veteran ABC News correspondent, said she recently did what no reporter before her has done: fly in an Air Force fighter on an actual combat mission. In fact, she spent 5.5 hours in the back seat of an F-15E during

the course of two sorties over Afghanistan with Strike Eagles operating out of Bagram Airfield.

She chronicled her experience on *Nightline*, including an armed overwatch mission supporting hundreds of French ground troops. The segment showed the skill of the F-15E aircrews in working with a French combat controller to neutralize insurgents while avoiding damage to a nearby school. "In this war, making sure you kill the enemy and no one else, can take far more discipline and, yes, even courage, as we would soon find out," Radditz said in her opening dialogue.

Sandy Schlitt, Vice Chairman of Aerospace Education, stated "It is important for the general public to see the amount of effort involved in every fighter mission and the caution taken to avoid civilian casualties. The public thinks this is easy because our warriors do it so well, when, in fact it is not easy at all. Further, movies like *Top Gun* tend to portray fighter pilots as wild hot shots with a complete lack of professionalism. This is not true in our Air Force as the link and story so indicate."

To view the ABC News Report website, click on the word report to follow the link. [report](#)

Seidel Chapter Awards Scholarships for Flying Academy

In order to be promoted, Civil Air Patrol cadets are required to learn airpower history, the physics of flight, engines and aircraft systems and how to read aeronautical charts. This is a great way to learn everything needed for the Federal Aviation Administration Private Pilot's Written Exam. Special summer academies are available for CAP Cadets to receive flight instruction in either gliders (usually SGS 2-33s) or powered aircraft (usually C-172s). This is an intense encampment where cadets attend ground school half of the day and fly the other half with Certified Flight Instructors. Although the encampment is conducted by very experienced volunteer pilots, the \$950 tuition is not cheap.

Through the Dallas Aerospace Foundation for Education, the Seidel AFA Chapter provides scholarships for CAP cadets from the Dallas area to attend the Texas Wing Powered Flight and Glider Academies. At CAP's recommendation, the Seidel scholarships are for 50% (\$475) of the tuition cost. Seidel Chapter scholarship awardees for 2010 Texas Wing Glider Academy are: Olivia Jane Kearney, Ryan Pigeon and Jasmin Aguilar.

Each of the Seidel scholarship awardees are invited to attend a Seidel Chapter membership meeting in the fall of 2010. At that meeting, the awardees will be encouraged to detail their encampment experience by sharing their "War Stories."

Capriglione Chapter Selects Lopez for Scholarship

Sal Capriglione Chapter 190 awarded its' annual scholarship to Cadet Major Julian Lopez. The Sal Capriglione Memorial Skyway Foundation Scholarship Award was presented at the New Jersey Institute of Technology (NJIT) AFROTC



Cadet Major Julian Lopez

Detachment 490 Dining Out on April 15 by Chapter President Martin Capriglione.

Cadet Major Julian Lopez is the Operations Training Squadron Commander of Detachment 490 Air Force Reserve Officer Training Corps at Newark, New Jersey. As OTS Commander, he is the cadet responsible for the planning, execution, and standardization of all training for the Field Training Preparation cadets as well as the General Military Course cadets.

C/Major Lopez will graduate in 2011 from the New Jersey Institute of Technology with a Bachelor of Arts degree in Business Marketing.

AFA Announces *CyberPatriot* Board of Advisors

The Air Force Association announced the formation and initial composition of the *CyberPatriot* Board of Advisors, chaired by Dr. Paul G. Kaminski. The Board of Advisors is an experienced group of senior leaders who can support AFA in achieving the goals of *CyberPatriot* through their extraordinary combined expertise. Additional appointments to the Board will be forthcoming.

“I am honored to be able to lead this exceptionally talented group of individuals in supporting *CyberPatriot*,” said Dr. Kaminski. “I can think of no more critical imperative today than securing our nation’s cyber infrastructure, and *CyberPatriot* will make a huge contribution toward that goal by attracting the talented people we need to do just that.”

Members of the *CyberPatriot* Board of Advisors are:

Chairman, Dr. Paul G Kaminski is the Chairman and Chief Executive Officer of Technovation Incorporated. He also is the Chairman of the Defense Science Board and the RAND Board of Trustees, and serves on the FBI Director's Advisory Board and President's Intelligence Advisory, where he is leading a Cybersecurity review. In addition to numerous other Boards, Professional Societies and Advisory Panels, Kaminski served as Undersecretary of Defense for Acquisition and Technology from 1994 to 1997. Prior to that position, he was a highly-decorated officer in the Air Force for 20 years.

Larry D. Cox is the Senior Vice President and General Manager of the Intelligence & Information Solutions (IIS) business unit of Science Applications International Corporation. Prior to SAIC he was Vice President of Signals Intelligence Strategy at Lockheed Martin after the company he founded, ORINCON Sygenex Incorporated, was acquired by Lockheed Martin in 2003. Previously, Cox spent three years on Capitol Hill as a professional staff member with the House Permanent Select Committee on Intelligence.

Lynn Dugle became the President of Raytheon Intelligence and Information Systems in January 2009, previously serving as Vice President of that group. She began working at Raytheon in 2004 as Vice President of Engineering, Technology and Quality for Raytheon Network Centric Systems. Before joining Raytheon in April 2004, she held officer-level positions with ADC Telecommunications.

Dr. Christopher B. Howard, the President of Hampden-Sydney College, is one of the youngest college presidents in the United States. Dr. Howard is a distinguished graduate of the US Air Force Academy. A Rhodes Scholar, he

earned his Doctorate in politics at Oxford University and a MBA with distinction from the Harvard Business School. An Air Force Reserve Lieutenant Colonel, he was called to active duty during 2003 in Afghanistan where he was awarded a Bronze Star. He serves as the Reserve Air Attaché to Liberia.

Lester E. Lyles is the CEO of The Lyles Group. He chairs the "Rationale and Goals of the U.S. Civil Space Program" committee of the National Academies and the DoD Military Leadership Diversity Commission. Lyles was a member of The President's Commission on U.S. Space Policy and the Review of U.S. Human Space Flight Plans Committee. During a distinguished 35-year career in the U.S. Air Force, General Lyles served in many senior leadership positions including Commander, Air Force Materiel Command; Vice Chief of Staff of the Air Force; and Director of the Defense Department's Ballistic Missile Defense Organization.

Judith A. Miller is the former Senior Vice President and General Counsel of Bechtel Group, Inc. Miller is currently a member of the Defense Science Board and a member of the Executive Committee and Council of the American Bar Association. She serves on the Executive Committee of the Atlantic Council and as a member of Markle Foundation Task Force on National Security in the Information Age. From 1994 to 2000, Ms. Miller served as General Counsel for the Department of Defense. She was formerly a partner with Williams & Connolly LLP in Washington, D.C., and has clerked for Supreme Court Justice Potter Stewart. Miller graduated summa cum laude from Wisconsin's Beloit College and received her law degree from Yale Law School.

Linda Mills is President of Information Systems at Northrop Grumman. She has held numerous positions within Northrop Grumman including president of the former Information Technology sector and vice president of Mission Assurance/Six Sigma within the company's former Mission Systems sector. Mills was awarded the Northrop Grumman CEO Leadership Award in 2000, 2001 and 2005, and she was listed as one of "Washington's Top 100 Tech Titans" by the Washingtonian Magazine in 2009.

Arthur L. Money is president of ALM Consulting. Former positions include Assistant Secretary of Defense and the Department of Defense CIO, as well as Assistant Secretary of the Air Force for Research, Development, and Acquisition. Prior to that, Money was VP and Deputy General Manager of TRW's Avionics and Surveillance Group and held various positions with ESL Inc. (a subsidiary of TRW) from 1972 to 1994, including President from 1990 to 1995. Money is the first Chairman of the FBI's Science and Technology Advisory Board appointed in September 2003.

Harry D. Raduege, Jr., is Chairman of the Deloitte Center for Cyber Innovation. Raduege retired after serving 35 years in the U.S. Air Force. He worked in the areas of technology, including telecommunications, space, information and network operations. He served more than 17 years in joint duty assignments. In his last position, he led Department of Defense netcentric operations as the director of the Defense Information Systems Agency.

Lou Von Thaer is President of General Dynamics Advanced Information Systems, a position he has held since March 2005. Prior to becoming president, Von Thaer was Senior Vice President of Operations for General Dynamics Advanced Information Systems. Von Thaer joined General Dynamics as Vice President of Engineering and Chief Technical Officer when his previous employer, the Advanced Technology Systems division of Lucent Technologies, was acquired. Von Thaer serves as a member of the Defense Science Board.

CyberPatriot's expansion to full nationwide deployment was made possible by a generous grant from Presenting Sponsor Northrop Grumman Corporation. The program also benefits from the support of Founding Partners: the Center for Infrastructure Assurance and Security (CIAS) at the University of Texas at San Antonio, creator of the National Collegiate Cyber Defense Competition, and Science Applications International Corporation (SAIC), who provides the platform for the competition with their patent-pending commercial cyber defense trainer, Cyber NEXS. Strategic Partners General Dynamics Advanced Information Systems, Microsoft Corporation, and the Raytheon Company have also pledged significant multiyear support for the program.