

THE MARAUDER

Gold Coast Chapter 351 Quarterly Newsletter



APR-JUNE 2016

www.GoldCoastAFA.org

GoldCoastAFA@gmail.com

MISSION The Air Force Association educates the public about the critical role of aerospace power in the defense of our nation; advocates aerospace power and a strong national defense; and supports the United States Air Force and the Air Force Family and aerospace education.

IMPORTANT ANNOUNCEMENT: To update your email address or Unsubscribe please email: CBrown@afa.org

President's Message:

A flurry of competitions have made this past quarter, Apr. through June, a most exciting time for our young competitors and for those AFA Gold Coast Chapter members directly involved in the activities.

Early on, there were the scholarships which the chapter offers every year to High School Seniors on their way to college. I would like to thank Loretta Young and Fran Shaw for their help in selecting the two students to receive the scholarships, Miss Nicole Newton from Northeast H.S. and Miss Brittany Grosvenor from Dillard H.S.

In May, I attended the International Drone Day, FAU held a National UAV Championship Competition. The teams, wearing our AFA sponsored shirts, were challenged with programming their drones through obstacle courses, time trial slalom, search and rescue maze with coding presentation.

Ms Knudsen, team coach/sponsor stated, "Parkway's UAV Teams earned 1st Place Overall Performance in the Middle School Division."

Another competitive area that the chapter participates in every year is the selection of the Chapter's Teacher of the Year Award. This year 2016, our chapter's selection for ToY was Ms Traci Cohen from Twin Lake Middle School in Pompano Beach. Ms Cohen is a STEM teacher extraordinaire

Other programs equally as exciting were the JROTC Rifle competition with Ms Young in attendance, The AFA's National CyberPatriot Competition, the StellarXplorers competition and the week-long challenging CyberCamp held in Ft Pierce organized and conducted by Capt Steve NicholSEN. EXCELSIOR! VSM

SAVE THESE DATES:

Aug. 17, Gold Coast Chapter Mtg Banyan Bldg at Ft L Executive Airport; 1PM – **all members invited**

Sep. 19-21, Air, Space & Cyber Conference
Gaylord National Hotel & Convention – **information**
www.AFA.org/airspacecyber/

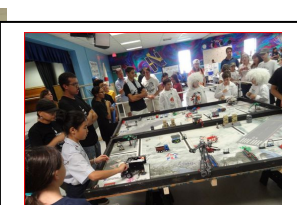
Oct 12, Gold Coast Chapter Mtg Banyan Bldg at Ft L Executive Airport; 1PM – **all members invited**

Nov. 5, Homestead Air Show Chapter Bus Trip
For more info, look for flyer on Website



An Air Force B-52 Stratofortress leads a formation of aircraft, including two Polish Air Force F-16 Fighting Falcons, four USAF F-16 Fighting Falcons, two German Eurofighter Typhoons, and four Swedish Gripens over the Baltic Sea, June 9, 2016. The formation was captured from a KC-135 from the 434th Air Refueling Wing assigned to Grissom AFB, Ind., as part of exercise Baltops 2016. (US Air Force photo by SrA. Erin Babis.) (Courtesy of Air Force Magazine)

AFA Gold Coast Chapter Teacher of the Year 2016



Robotics team goes to Regionals

Ms. Traci Cohen, Captain, Civil Air Patrol Squadron Commander of Elective School Unit & STEM Teacher, Crystal Lake Middle School

**CLMS
Aeronautical
Magnet
students
earn FLWG
Cadet Honor
Society
Induction**



Securing Networks, Securing Futures



CRITICAL HOME CYBERSECURITY FLAW BEING TARGETED BY HACKERS

Given the central role routers play as gatekeepers between the private home and the public Internet, it may come as a surprise that home routers are actually easier to hack into than computers; it is far easier to simply "set and-forget" about them without thinking twice about its vulnerabilities.

Lack of consumer awareness means that most people have never updated their router firmware or changed the default password on their home Wi-Fi. This is unfortunately great news for hackers. If a hacker is particularly lucky, they might find a shiny new router like the Luma, which tracks not only what devices are connected to your network, but also exactly what websites and servers each device is connecting to.

So the next time you connect a new device to the wi-fi, think about taking a closer look. Not closing the loopholes hidden within that one critical device could prove very costly to your privacy, your finances, and even your personal security. Source: TechPolicyDaily.com

CyberPatriot IX Registration. Don't delay! Team registration for the upcoming season of competition (CyberPatriot IX) is now open.

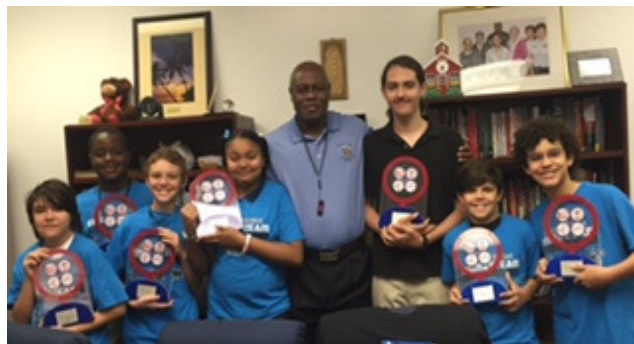
Teams need volunteers. If you would like to help please send email to GoldCoastAFA@gmail.com

EDUCATOR'S COLUMN:



Virginia Knudsen- STEM teacher at Parkway Middle School and the AFA National Teacher of the Year, First Runner-up 2013

Gold Coast Chapter Supports UVA Teams



Parkway Principal Mr. Mattair Congratulates Drone Team Winners

On Saturday, May 7, International Drone Day, Florida Atlantic University held a National Unmanned Aerial Vehicle (UAV) Championship Competition. Competitive teams were challenged with programming their drones through an obstacle course, time trial slalom, and search and rescue maze with coding presentation. Virginia Knudsen, former Florida AFA State Teacher of the Year and current State VP for Aerospace Education, is the team coach for the Parkway Middle School team. Winning a trophy in every event, Ms. Knudsen stated that "Parkway's UAV Team Zeus and Team Icarus came home with a total of seven trophies, earning 1st Place Overall Performance in the Middle School Division. The teams were dedicated to learn new programming skills to support their aviation-flight expertise." The teams would like to express appreciation to our sponsors, Air Force Association Gold Coast and team parents, Dr. Gamarra and Mr. Weldon, who assisted with team training and competition support.

From AFA SPIRIT, Fl. State Magazine ***

"Education continues to be a vital part of AFA's mission and we urge continued attention to the future need for STEM professionals by government, industry, and AFA's peer organizations. AFA remains vigilant and active in advocating for education programs that focus on the promotion of STEM studies, grants & scholarships, CyberPatriot and others." Quote from AFA National President's, Message.

Ft. Pierce Cyber Camp Civil Air Patrol's Lt. Webb gives the students a brief pep talk before day one's module begins. Pics and story by Captain Nicholson



Kudos to Steve Nicholson, Captain, CAP ; Organizer and Coach of the CyberCamp 2016

We had roughly 30 kids ranging in age from 11-17, from 8 different Florida CAP squadrons, as well as the VBHS AFJROTC program attend the CyberCamp this year. The camp went from Mon-Fri and ended with a team based competition on securing the Windows and Linux operating systems. The event was a huge success, with many students planning on dual enrollment at IRSC, pursuing their Cybersecurity BS at IRSC, & attending next year's CyberCamp



IRSC Instructional Aide Jon Parrish looks on as students learn the inner workings of the Ubuntu Linux operating system.



StellarXplorers inspires and attracts high school students to pursue studies and careers in science, technology, engineering, and mathematics (STEM) through a challenging, space system design competition involving all aspects of system development and operation with a spacecraft/payload focus.

Who can participate?

Teams can come from any high school (including home schools), JROTC, CAP, School Clubs, Boy/Girl Scouts, Boys & Girls Clubs, or any organized youth organization. Teams consist of an adult Team Director (usually a teacher) and two to six students. Team Mentors with space experience are encouraged to assist in-person or via the internet; the Program can facilitate finding mentors. Total cost is a nominal \$200 fee payable by 15 December, with waivers available to Title I schools upon request.

Students

Exciting hands-on learning experience that develops commercially valuable skills and increases appreciation for the critical role of space in our daily lives ... and it is **FUN!!!**

Register at: www.StellarXplorers.org / StellarXplorers@afa.org / (703)-247-5800 x 4899



INTO HIS HANDS:

Richard Hall was a graduate of the USAF Academy. His military service was during the Gulf War and for twenty years was a pilot for United Airlines. Even as a youngster, Richard had his eye on the sky so it was no surprise that he had mentors among the Tuskegee pilots. Concurrently, as President of MAITAI, the Miami Chapter of the Tuskegee Airmen Inc., Richard established outreach programs at the Smithsonian National Air & Space Museum to encourage youth to embrace aviation. Richard believed that "Education was the great equalizer".

Ms Mary Feik was an Aviation pioneer. Her long and diverse aviation career included many honors. Ms. Feik was first woman engineer at ATSC, she had 6,000 hrs as flight engineer, and was recognized for her contributions to aviation safety. Civil Air Patrol named the third achievement of the cadet program in her honor.

Roscoe Brown Jr., was a pilot and Commander with the Tuskegee Fighter Red Tail Squadron during WWII. After the war, Mr. Brown earned a doctorate and worked for 27 years as an education professor at NYU. Mr. Brown was active during the Civil Rights Era and fought inequality through the many programs he created for young people.

Charles (Chuck) Black was in the navy retiring with the rank of Senior Chief Petty Officer. Chuck loved acting and performed in a number of plays. He was also a community-minded person involved in various civic organizations. But the Navy was his focus. He was on the Navy League Board and chaired the commissioning of the USS Durham. After much effort he got the U.S. Navy to name an amphibious vessel, the USS Fort Lauderdale. VSM

"Our dead are never dead to us, until we have forgotten their names."

Gold Coast 351 Officers for 2016

Virginia Montalvo-President **Leo R Gray - Vice President**
Joseph Roberts-Treasurer
Loretta Young-Veteran Affairs
Bob Morris-Membership
Bob Marks-Government Affairs
Virginia Knudsen – Aerospace Education
Justin Burr-Webmaster, Ed Weber- USMC Advisor
Thaddeus Hamilton –Veteran Rep

Gathering of Eagles

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In Ayr,



In June our very own Chapter's VP, Leo R. Gray, Lt Col. USAF (Ret.) was invited to attend the "Gathering of Eagles" event at Maxwell AFB in Alabama. Since 1980, aviation legends have been asked to share their experiences with the Air Command & Staff College students.

Among the twelve honorees present were:

Lt. Col. Richard Cole, Served as Col. Doolittle's copilot on the Tokyo Raid and is the last of the Doolittle raiders

Col. Gail Halvorsen, Commended for humanitarian efforts during the Berlin Airlift. Known as the "Berlin Candy Bomber", he is also noted for his work as a rocket scientist aiding in the initial design for the space shuttle.

Brig. Gen. Amir Nachumi, flew 300 combat missions and on a remarkable mission led four F-16s at low altitude for a long duration to successfully destroy a Iraqi nuclear reactor to protect Israeli safety.

Dawn Seymour, First female pilot of the WASPS. She flew 700 in the B17 and trained gunners for the D-Day invasion. Ms. Seymour is the former President of WASP Association.

Lt. Col. Leo Gray, Red Tail pilot of the 332nd Fighter Group flying missions over Germany-occupied Territory. After leaving the (Tuskegee trained) all-black unit in 1946, Col. Gray remained in the USAF Reserves until 1984 and currently is a motivational speaker.

The other Honorees are mentioned in name only due to lack of space. Col. Dean Caswell, Gen. LeRoy Peck, Col. Edward Shames, Col. Leo Thoersness, MSgt Timothy Wilkinson, hero of "Black Hawk Down" conflict.

Please go on to read about these inspirational legends, their commitment to duty and service to our country.

Google: Gathering of Eagles-Maxwell AFB

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