



ISSUE | APRIL
60 | 2017

THE CYBERSENTINEL

The official newsletter of CyberPatriot—AFA's National Youth Cyber Education Program

The National Finals Competition Special Edition

COMMISSIONER'S CACHE



The big week is here! After months of preparation, the Air Force Association's CP-IX National Finals Competition will soon descend on the Baltimore Inner Harbor. Since last fall, teams have met. Teams have learned. Teams have trained. Teams have competed. And now those who have proven themselves most capable at defending a network will have the opportunity to earn a national championship and distinguish themselves as the very best of the best in a skill area our nation desperately needs.

I hope while browsing this edition of the CyberSentinel you can read the amazing story of Rafael Muñoz. Stories like his so enrich what we are all doing together in CyberPatriot. And be sure to take a look at what Coach Allen Stubblefield has been up to. Innovation and energy doesn't "just happen." Coach Stubblefield and so many like him MAKE things happen.

And as you will read, CyberPatriot is about to engage senior citizens, and we need your help. Names matter, and we need a name for our newest initiative. And we aren't shy about admitting that the prize for the winning entry is "senior" too! Imagine, you could hold in your hands a retired CyberPatriot laptop! Read the rules and suggest a name.

Our continuing thanks to those who make this program the national success it has become. Northrop Grumman Foundation and the rest of our generous sponsors are the fuel that makes this machine go. And the machine is crewed by people like you: AFA volunteers, AFA leaders, coaches, mentors, team assistants, advocates, evangelists, educators, administrators and competitors. Thank you.

Bernard K. Skoch | CyberPatriot National Commissioner



DATES TO KNOW

APR. 1	CP-X Registration Opens
APR. 3-5	National Finals Competition (Baltimore, Md.)
MAY 1	AFA CyberCamp Host Registration Closes



2017 AFA
CYBERCAMPS
ARE HERE!

Register to host a
camp in your area!

REGISTRATION OPEN
MARCH 1 – MAY 1

www.uscyberpatriot.org



DON'T DELAY! REGISTER TODAY!

DIFFICULT CHALLENGES AWAIT FINALISTS IN BALTIMORE

Beginning Saturday, Apr. 1, the top 28 CyberPatriot teams will descend upon "Charm City" for the National Finals Competition at the Baltimore Hyatt Regency Hotel. The teams will face their toughest challenges of the season.

High school teams will kick off the competition with the Facebook Challenge on Monday afternoon, which is an incident response exercise. Afterwards, the teams will eat and socialize at a well-deserved Competitors' Dinner sponsored by Northrop Grumman.

Beginning at 7:30 AM on Tuesday, the Open

and Middle School Division teams will compete in the Network Security Master Challenge, pitting them against a Red Team of industry professionals who will attack their systems. AT&T's Mobile Device Component will test the teams' abilities to defend in a mobile environment. Concurrently, the All Service Division will compete in the Leidos Digital Forensics Event. After lunch, the Open and All Service divisions will switch challenges.

All teams will compete in the Cisco Networking Challenge on Tuesday evening, in

which they will take a comprehensive quiz and create and secure a physical network.

Final scores will be calculated on Wednesday. The CyberPatriot IX National Champions will be announced at the Awards Banquet that night.

FOLLOW THE EVENT ON SOCIAL MEDIA

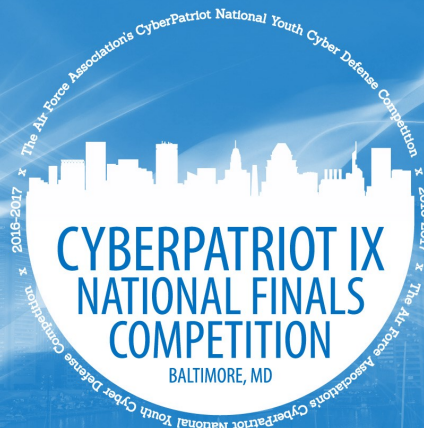
#CP9FINALS



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Sunday, April 1
Teams Arrive

Monday, April 2
Facebook Challenge

Tuesday, April 3
Network Security Master Challenge
[with AT&T Mobile Computing Component]
Cisco Networking Challenge
Leidos Digital Forensics Challenge

Wednesday, April 4
National Finals Awards Banquet
WHO WILL WIN?

MEET THIS SEASON'S
NATIONAL FINALIST
TEAMS



OPEN DIVISION



ALAMO ACADEMIES

The Defenestrators

Coach: Alyssa Trevino
Team: Eddie Flores
Isaac Knotts
Edgar Ruano
Rameez Shaukat
Ryan Yu
Sirach Zamora



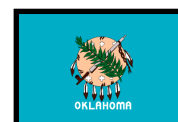
San Antonio, TX



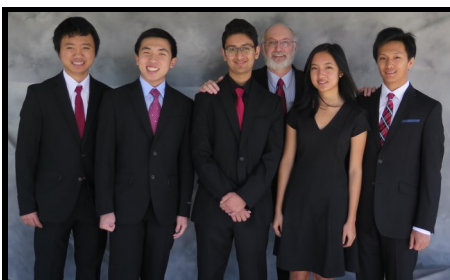
CENTRAL TECHNOLOGY CENTER

Swell IT Technicians

Coach: Nick Gaunt
Team: Corbin Allen
Brandon Bazzle
Devin Carter
Wesley Hart
Isaiah McCullough
Colton Monk



Drumright, OK



DEL NORTE HIGH SCHOOL

CyberAegis Flareon

Coach: Paul Johnson
Team: Akul Arora
Daniel Chen
Kedwin Chen
Alex Guo
April Xie



San Diego, CA



HIGHLANDS RANCH HIGH SCHOOL Falcon Transfer Protocol

Coach: Nicky DeBolt
Team: Trevor Butcher
William Gray
Adam Klein
Addie Newman
Melanie Pierce
Jacques Steyn



Highlands Ranch, CO

OPEN DIVISION



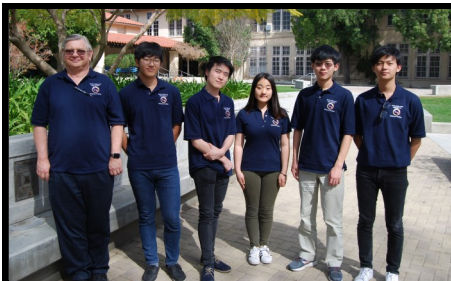
LOYOLA BLAKEFIELD

Dons CSC Cerulean

Coach: Steve Morrill
Team: Henry Ballentine
 Colin Bowes
 Jack Connolly
 Matt Hawkins
 Henry Mackay
 Ainsley O'Garro



Towson, MD



NORTH HOLLYWOOD HIGH SCHOOL

Balto

Coach: Jay Gehringer
Team: Do Hyun Cheon
 Hangyul Lyna Kim
 Alexander Ke
 Richard Shuai
 Eugene Woo



North Hollywood, CA



NORTH HOLLYWOOD HIGH SCHOOL

Togo

Coach: Jay Gehringer
Team: Aled Cuda
 Kyle Gusdorf
 Jonathan Liu
 Jaren Mendelsohn
 Nikola Pratte



North Hollywood, CA



NORTH HOLLYWOOD HIGH SCHOOL

Truman

Coach: Jay Gehringer
Team: Maryam Abbas
 Bryan Goldenberg
 Glen Husman
 Jillian Kusch



North Hollywood, CA



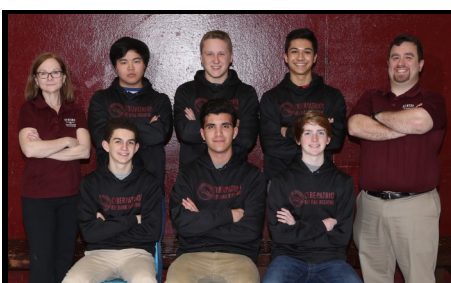
POOLESVILLE HIGH SCHOOL

Falcons

Coach: Mark Estep
Team: Karan Chawla
 Matthew Feng
 Azeem Mohammed
 Ishan Mundra
 Hannah Sun
 Oksana Tkach



Poolesville, MD



RED BANK REGIONAL HIGH SCHOOL

Team Maroon

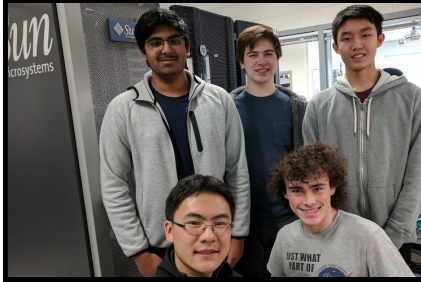
Coach: Mandy Galante
Team: Young Chen
 Andrew Costa
 Jack Ferrone
 Kyle Neary
 Woody Quinn
 Bobby Villaluz



Little Silver, NJ

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OPEN DIVISION



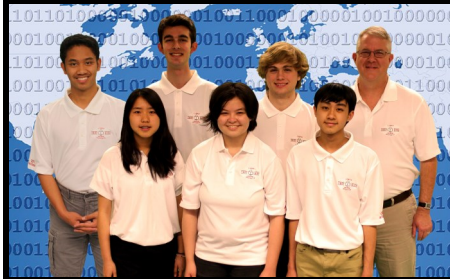
THOMAS JEFFERSON HIGH SCHOOL

Dark Matter

Coach: John Zacharias
Team: Abishek Allamsetty
Jack Duvall
Rich Lun
William Tan
Gabriel Wimmer



Alexandria, VA



TROY HIGH SCHOOL

Amazing Grace Hopper

Coach: Allen Stubblefield
Team: Thanasi Bakis
Kyra Deters
Andrew Edwards
Jared Flores
Kanin Liang
Jino Sirivatanarat



Fullerton, CA

ALL SERVICE DIVISION



O.W. HOLMES HIGH SCHOOL

TX 781st

Coach: Colleen Curl
Team: Roberto Delgado
Garren Dockery
Colton Hurtt
Danny Forestier Macias
Matt Morales
Noah Woinicki



San Antonio, TX



SCRIPPS RANCH HIGH SCHOOL

Falcons

Coach: Ferdinand Toledo
Team: Lizzie Chavez
Shane Donahue
Jackwin Hui
Winice Hui
Anton Phan
Frank Tursi



San Diego, CA



GRISSOM HIGH SCHOOL

V-JROTC

Coach: LTC(R) Johnnie Richardson
Team: Margaret Compton
Everett Cooper
Kristen Herder
JP Thew
Joe Tomlinson
Marshall Symmes



Huntsville, AL



LEILEHUA HIGH SCHOOL

Mules

Coach: Nick Spiridigliozzi
Team: Jacob Huerta
Tyler McWilliams
Jarod Olive-Stalling, Jr.
Brandon Unrein



Wahiawa, HI

ALL SERVICE DIVISION



LA CUEVA HIGH SCHOOL

Cyber Bears #1

Coach: Albert Griego
Team: Thomas Breneiser
 Jacob Dakofsky
 Rowan Hart
 Cameron Mayo
 Ashleigh Namm
 Olivia Stewart



Albuquerque, NM



MONTY TECH

Marine Raiders

Coach: Paul Jornet
Team: Alex Commodore
 Leon Gaulin
 Josh Knapp
 Devin Normandin
 Nick Sullivan
 Brandon Trundry



Fitchburg, MA



PATRICK HENRY HIGH SCHOOL

Mountain Did It

Coach: Ron Flaherty
Team: Parker Frye
 Daniel Khuu
 Amy Nguyen
 Anne Nguyen
 Quinn Razak
 Liam Weinfurter



San Diego, CA



RESEDA HIGH SCHOOL

Alpha

Coach: Rafa Muñoz
Team: Allan Castillo
 Jelani Hampton
 Alex Mejia
 Ty Nguyen
 Sandy Sarmaputra
 Rijul Saxena



Reseda, CA



TROY HIGH SCHOOL

Cyber Warriors 3

Coach: Bill Lauper
Team: Newman Cheng
 Charissa Kim
 Ha Young Kong
 Khoa Nguyen
 Silas Shen
 Brandon Shin



Fullerton, CA



COLORADO SPRINGS CADET SQUADRON

Wolfpack

Coach: Bill Blatchley
Team: Noah Bowe
 Taylor Coffey
 Zach Cramer
 Garrett Jackson
 Isaac Stone



Colorado Springs, CO

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ALL SERVICE DIVISION



FOX VALLEY COMPOSITE SQUADRON

Foxtrot Elite

Coach: Michael Cittadino
Team: Dominic Lorenzo
John Lorenzo
Jessica Melone
Andrew Stutesman
Felix Zheng



West Chicago, IL



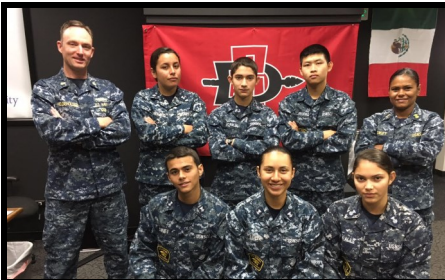
BAND OF THE WEST

Silicon Knights

Coach: Bobby Wen
Team: Jad Ghaddar
Jenna Ghaddar
Ted Ikehara
Alanna Linden
Nicholas Wen
Samantha Wen



San Mateo, CA



FORT FISHER DIVISION

D!@m0nd\$w0rd

Coach: Tim Householder
Team: Jazmin Barajas
Laura Lopez
Maya Morales
Nicholas Morales
Garrett Swift
Jonathan Truong



Sand Diego, CA



OAK VALLEY MIDDLE SCHOOL CyberAegis Project Eeveelution

Coach: Paul Johnson
Team: Arjun Ghoshal
Kevin Hu
Cynthia Li
Devam Shirvastava
Luya Wei



San Diego, CA



OAK VALLEY MIDDLE SCHOOL

CyberRaptors

Coach: Paul Johnson
Team: Michael Chen
Gautam Gupta
Bryant Jin
Justin Lin
Joshua Tan



San Diego, CA



SUMMIT LAKES MIDDLE SCHOOL

Error 37

Coach: Teri Curp
Team: Connor Bichsel
Tommy Cueeze
Keenan Curp
Jonah Ludiker
Ethan McFarland
Mason Sipe



Lee's Summit, MO

MIDDLE SCHOOL DIVISION

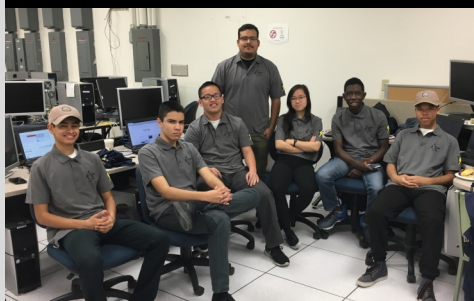
RAFA MUÑOZ : FROM COMPETITOR TO COACH

Rafa Muñoz is no stranger to CyberPatriot National Finals competitions. Once a competitor on a national finalist team in CyberPatriot III, Muñoz is returning six years later as the coach of team Alpha from Reseda High School in Reseda, Calif.



Above: Muñoz as competitor (2nd from left)

Below: Muñoz as coach (center)



Upon graduating from Cal State Northridge in the spring, Muñoz will be working for Aerospace Corporation. He is the first college graduate from his family.

Coaches' Corner

- **CyberPatriot X Registration.** Don't delay! Team registration for the upcoming season of competition (CyberPatriot X) is now open! Returning coaches should log in with their current username and select "Create Team" to complete a team application. New coaches must first create a volunteer account. A single coach may register up to five teams. Registration fees for CP-X are listed below:

Open Division: \$205 per team*
All Service Division: Waived**
Middle School: \$165 per team*
All-Girls Teams: Waived

*Register before July 1 for 20% discount

FUNDRAISE TO GROW YOUR CYBER PROGRAM!

Yes, cyber defense is a team sport like any other sports team on a high school campus. As popularity grows, finding funding becomes important so you can pay for entry fees, coaching stipends, team apparel, and the all important food/drinks needed for practices and competitions.

Troy Cyber just completed a 4 week fund raiser that grossed \$19,000 and netted \$15,000 after expenses. "We used an online fundraiser since we are 'cyber' to send requests via email, social media and texts about our program to our family and family friends," stated Allen Stubblefield, Troy's primary coach. "Our students and their parents are really supportive of our new and growing program, and I was pretty certain that if we asked for donations, that families and friends would recognize what a cool team this is and how their financial support would help." Troy's initial goal was \$6,000, and that was met in just 10 days.

"I want to see our students wearing our cyber colors around campus, like the rest of the sport teams. Our school colors are red and black, but we now have white polos with black trim that sets us apart and reminds everyone that we are the 'good' cyber players," Stubblefield continued. Troy intends to build a cyber defense library, acquire more networking equipment, and hold a cyber banquet at the end of the year.



Have questions about how to raise money for your CyberPatriot team? Mr. Stubblefield is willing to answer questions on fundraising; he can be emailed at astubblefield@fjuhsd.org.

CALLING ALL CREATIVE CYBERPATRIOT FANS AND SUPPORTS: CYBERPATRIOT NEEDS YOUR HELP TO NAME THE NEW CYBERPATRIOT SENIOR CITIZEN CYBER SAFETY AWARENESS INITIATIVE!

The newest addition to the CyberPatriot program will help senior citizens build confidence while using technology and provide helpful professional resources for family and friends to support their older loved ones in staying safe online. The program encompasses cyber security measures such as password management, social media awareness, phishing and marketing scams and personal computer protection.

The program name should be dynamic and exciting, identifying the focused audience and its relationship to cybersecurity. The name cannot be an existing program or entity. Individuals are encouraged to google and research if such a name currently exists before submitting your entry.

The winning program name will be revealed in the May CyberSentinel and the winner will receive a WELL USED CyberPatriot HP ProBook laptop!

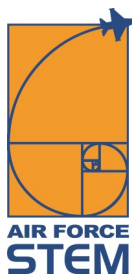
Please send your catchy and fitting program name to Emily Rauer at e.rauer@uscypatriot.org.

The deadline for entries is April 15.

In case of duplicate entries, the winner will be determined by the first person to submit. The CyberPatriot Program Office will be the sole determinant of the winning entry. We look forward to receiving your suggestions!



SPONSOR PROFILE: AIR FORCE STEM



We are pleased to announce the addition of the Air Force STEM program as a Cyber Silver level sponsor!

As part of the Air Force STEM program, airmen, both military and civilian, serve as mentors, science fair judges, and guest speakers. They also provide tours, hands-on demonstrations, and many other learning opportunities to local schools.

The Air Force also partners with national K-12 STEM outreach programs to make these outstanding opportunities available to K-12 students both on base and in the local communities.

Each year, the Air Force K-12 outreach program:

- Impacts nearly 200,000 children
- Supports over 2,000 K-12 STEM events
- Volunteers over 80,000 hours to K-12 STEM outreach

NEED SUMMER PLANS?
YOU'RE IN LUCK!

**NORTHROP GRUMMAN IS NOW
ACCEPTING SUMMER INTERNSHIP
APPLICATIONS!**

Click [HERE](#) for more information about the program

To find opportunities for CyberPatriot competitors, click the link below and enter "CyberPatriot" in the keyword field:

[APPLY TODAY](#)

NORTHROP GRUMMAN

NATIONAL FINALS KEYNOTE SPEAKER: MARCOS ROGERS



Marcos is a Senior National Security & Law Enforcement Advisor for Cisco Systems and a Young AFCEA member (40 under 40). He joined Cisco in 2012, bringing over a decade of leadership and experience from both careers in Military and Law Enforcement.

Marcos graduated from the University of Mississippi in 2001 at 21 years of age; commissioned to service as a 2LT with the Army National Guard that year. Branched as a Signal Officer, his first duty assignment was as a Signal Detachment Commander with 2nd Battalion / 20th Special Forces Group (Airborne). He has deployed in support of Operation Enduring Freedom (Afghanistan), Hurricane Katrina, Hurricane Gustav, and Hurricane Ike in which he served in various duties and responsibilities from Detachment Commander, Search & Recovery Team Lead, Battle Captain, and Military Liaison.

Marcos had a break in service from 2009–2013 to pursue personal endeavors. Re-entering service in 2013, he has filled a variety of roles focused on communications, networking, and cybersecurity. His current duty assignment is as the Brigade Communications Officer for the 168th Engineer Brigade, Vicksburg, MS. He currently holds the rank of Major.

Marcos also served as a Forensic Scientist in the field of Crime Scene Investigation & Analysis for the Mississippi Bureau of Investigation from 2002–2010. He focused on violent crime scenes throughout the state of Mississippi; bringing advanced crime scene techniques such as Advanced Death Investigation, Forensic

Photography, Blood Spatter Analysis, Shooting Incident Reconstruction, and Latent Print Identification & Examination in support of Federal, State, and Local law enforcement agencies.

He resigned from both duties in 2009 and 2010; focusing on a career in music. Marcos was the front man, singer, and songwriter of a rock band named Sally Jayne from 2008 until 2012. They released their first and only album, 'Remember Me' in 2010. While touring, Sally Jayne shared the stage with such acts as: Lynyrd Skynrd, 3 Doors Down, Theory of a Deadman, Halestorm, and many others. Marcos is still currently signed as a songwriter with Malaco Music Group based out of Jackson, MS.

Marcos holds a Bachelor of Arts in Psychology from the University of Mississippi and a Master's of Science in National Security with a concentration in Cyber Terrorism & Security from Nova Southeastern University. Marcos is also a graduate of the US Army Command & General Staff Officers College with a focus in Military Science & Strategy.

He currently resides in central Mississippi with his wife Jacquelyn, 14 year old daughter Arabella, 6 and 3 year old sons, Jackson and Sampson.

Presented by:

NORTHROP GRUMMAN
Foundation

Cyber Diamond



Cyber Gold



Cyber Silver

