

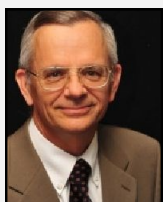


ISSUE 50 | MAY 2016

THE CYBERSENTINEL

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

COMMISSIONER'S CACHE



In early seasons of CyberPatriot, springtime marked a good time to straighten out the Program Office, to lay out plans for the next season, and generally to catch our breath. Nope--Those days are gone!

Our lean team has been hard at it since (the SPECTACULAR) National Finals Competition concluded. In addition to deploying to two exciting international locations, CyberPatriot staff has been busy with a huge number of AFA CyberCamp registrations, prepping for version 2.0 of our highly-in-demand ESCEI program, and laying out the schedule and other plans for what promises to be an even bigger CP-IX season of competition. We are working hard, but we are surely not complaining. Our assessments consistently show that CyberPatriot is doing exactly what was envisioned: Through an exciting and FUN program, we are successfully attracting bright young people to STEM education and careers, and we are drawing them to the exciting field of cybersecurity.

It is gratifying to be part of this, and we know the real credit for the program's success goes to our Presenting Sponsor the Northrop-Grumman Foundation and our other generous sponsors, to AFA volunteers who so willingly promote and support AFA's leading STEM program, and to the coaches, mentors, parents and COMPETITORS who make it all work. THANK YOU ALL!

Bernard K. Skoch | National Commissioner



DATES TO KNOW

MAY 18-27	Exhibition Round #1
JUNE 1-10	Exhibition Round #2
JUNE 15	Coach/Mentor of the Year Nomination Deadline
JULY 1	Last Day for 20% Registration Fee Discount
JULY 6-15	Exhibition Round #3
AUG. 10-19	Exhibition Round #4

82 AFA CYBER CAMPS

Scheduled for Summer 2016.
Click here for [more](#) information

LEE'S SUMMIT R-7 SCHOOL DISTRICT JOINS AS CENTER OF EXCELLENCE

Located in the southeast portion of the Kansas City, Mo. metropolitan area, Lee's Summit R-7 School District (LSR7) has been recognized as one of the top educational systems in the state and nation. With 18 elementary schools, 3 middle schools and 5 high schools, the district provides education to nearly 18,000 students. Since joining the program in 2012, LSR7 has seen significant growth and success within

the CyberPatriot program, being represented in the National Finals Competition four consecutive years between the Open, All Service, and Middle School Divisions. Notably, under the guidance of coach Lisa Oyler, Summit Technology Academy Notably, the team has also swept CyberPatriot's Cisco Networking Challenge each year, and placed third overall the past two years. This year, they took home a National Championship in the Open Division and a second place finish in the Middle School Division.

Lee's Summit's success stems in large part from LSR7's collaboration with the University of Central Missouri and their combined effort to run the nationally recognized Missouri Innovation Campus (MIC) program. MIC has three programs promoting STEM education, and will soon offer a new cybersecurity degree program in which juniors in high school start in

senior level college curricula as well as internships with local companies in the Kansas City area.



The entire Lee's Summit community has come to support local CyberPatriot efforts. CyberPatriot is an official club within the district, giving all of its middle schools and high schools the support to start and run their own CyberPatriot teams. At the middle school level, the district has signed on for an AFA CyberCamp to recruit incoming students. High school students are being offered summer internships and full-time careers by corporate mentors.

Learn more about LSR7 [here](#).



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CYBERPATRIOT VIII NATIONAL FINALS COMPETITION



SPOTLIGHT: CYBERPATRIOT VIII WINNERS



OPEN DIVISION

National Champions: Summit Technology Academy "Team Sudo" (Lee's Summit, Mo.)

Runner Up: Cherry Creek High School "Bruin.777" (Greenwood Village, Colo.)

Third Place: Poolesville High School "Falcons" (Poolesville, Md.)



ALL SERVICE DIVISION

National Champions: Centurion Battalion "Netrunners" (Winter Park, Fla.)

Runner Up: Troy High School "Cyber Warriors 1" (Fullerton, Calif.)

Third Place: Colorado Springs Cadet Squadron "Wolfpack" (Colorado Springs, Colo.)



MIDDLE SCHOOL DIVISION

National Champions: Oak Valley Middle School "CyberFalcon Millenium 360" (San Diego, Calif.)

Runner Up: Pleasant Lea Middle School "BSOD" (Lee's Summit, Mo.)

Third Place: Robert F. Kennedy Community School "Crimson" (Los Angeles, Calif.)

INDIVIDUAL CHALLENGE AWARD WINNERS

Leidos Digital Forensics Challenge Winner | Poolesville High School "Falcons" (Poolesville, Md.)

AT&T Mobile Computing Challenge | Cherry Creek High School "Bruin.777" (Greenwood Village, Colo.)

Facebook Challenge Winner | Poolesville High School "Falcons" (Poolesville, Md.)

Cisco Network Challenge Winner | Open Division: Sisler High School "Stack Overflow" (Winnipeg, MB)

All Service Division Winner | Patrick Henry High School "MOUNTAIN DO IT" (San Diego, Calif.)

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FACEBOOK CTF IS NOW OPEN SOURCE

facebook

Facebook CTF is Now Open Source Today on GitHub, Facebook released the open source Facebook CTF Platform. As you already know,

CTFs are one of the best mechanisms to gain the hands-on experience needed for a career in the infosec field. Few other resources provide the same ability to replicate conceptual skills learned within a safe, real-world setting. Alas, the barrier of entry for CTFs has remained too high. By open sourcing the FBCTF platform, schools, student groups, and organizations across all skill levels can now host competitions, practice sessions, and conferences of their own to teach and test computer science and security skills. Facebook has also made available a small repository of challenges that can be used immediately upon request (to prevent cheating). Use theirs, or make your own challenges! They'll also announce a challenge submission contest to capture additional levels organizers and competitors wish to add to the private repo in the coming months. Make sure to follow the Facebook CTF page for updates! While there, check out the recent post outlining how CTFs have impacted the career trajectory of Facebook engineer Gulshan Singh. If CTFs helped land him a job, they can for you as well! Above all else, visit github.com/facebook/fbctf to spin up the platform on a local machine or VM, organize an event, and get to it!

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](#)

Locations:

Redondo Beach, CA
San Diego, CA
Millersville, MD
Cincinnati, OH
Falls Church, VA
Herndon, VA

NORTHROP GRUMMAN

Coaches' Corner

- **CyberPatriot IX Registration.** Don't delay! Team registration for the upcoming season of competition (CyberPatriot IX) 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-IX are listed below:

Open Division: \$195 per team* All Service Division: Waived**
Middle School: \$155 per team* All-Girls Teams: Waived

- **Coach and Mentor of the Year Nominations:** Another season, another great group of Coaches and Mentors! Submit your nomination for CP-VIII Coach or Mentor of the Year before June 15, 2016!

[Coach Nomination Form](#)
[Mentor Nomination Form](#)

THIS MONTH IN CYBER HISTORY

May 15, 2011 — After a malicious cyber attack compromises Sony Computer Entertainment's data center in San Diego, California, the PlayStation Network is shut down on April 20. The ensuing investigation revealed a number of security flaws, and in tandem with outside security firms, Sony implemented a number of upgrades to deter and mitigate future attacks to its network and its customers' personal information. The Americas, Oceania, Europe and the Middle East were the first regions to regain access to the PlayStation Network, and among other measures, customers were required to reset their passwords upon initially signing in. As more and more personal information is posted online, whether for financial, social, or business transactions, the safekeeping and protection of this data has come to the forefront of Internet consumer concerns.

For more information, visit:

<http://www.computerhistory.org/t dih/May/15/>



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Cyber Diamond



Cyber Gold



Cyber Silver

