

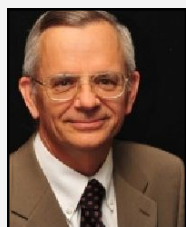


ISSUE 53 | AUG 2016

THE CYBERSENTINEL

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

COMMISSIONER'S CACHE



It's BLAZING HOT in Washington, DC, and there are BLAZING HOT things going on in CyberPatriot.

As you will read elsewhere here, our terrific partners hosted an amazing number (83!) of AFA CyberCamps this year. Thanks to all who led the camps and to those who participated. Our exhibition rounds are around the corner, marking the real beginning of CP-IX. And be sure to check out the great news on our Coach and Mentor of the year, profiled in this issue. Their achievements this past season are remarkable (and they are

remarkable people). But it's important to note they represent the thousands of you who work to make CyberPatriot the great national success it has become. Thank you!

And as always, our great thanks go out to our sponsors without whom CyberPatriot could not exist.



Bernard K. Skoch | National Commissioner

DATES TO KNOW

AUG. 10-19

OCT. 5

OCT. 11-25

NOV. 2

Exhibition Round #4

Team Creation Deadline

CP-IX Practice Round

Competitor Registration &

Reg. Fee Payment Deadline

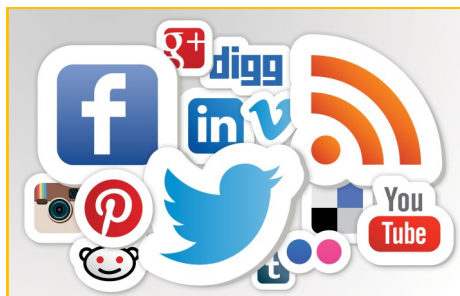


SOCIAL MEDIA: FRIEND OR FOE? BY KYLE GAUMNITZ, CP INTERN

As we become more connected, we are constantly facing new and more innovative threats to our security. Social media such as Facebook, Twitter, Instagram, Snapchat, Periscope, Tumblr, and LinkedIn provide an outlet for our ideas, a place for discussion, and keeps us more connected to one another than ever before. It has the power to spread new and innovative thinking, provides a platform for breaking news to be distributed instantaneously from eye witnesses on the scene, and allows us to showcase the best of who we are as people. We are able to create an online personality tailored to what we value in ourselves and ultimately what we value in others.

However with all these advantages of being so connected comes drawbacks. An ever increasing individual presence online, especially when left unchecked, can allow those with malicious intent to learn more about you as an individual than you might want them to know. Furthermore, large organizations have made it their

business to collect the data of hundreds of thousands of people at a time via a process known as data mining. Data mining companies' main prerogative is to collect information to sell, allowing other organizations to tailor their advertisements to specific demographics.



But not all data mining organizations have good intentions. There are a host of programs online that can enable users to crack passwords based on personal information, with the aid of large databases of personal information

this can make accessing at least a few online accounts very easy.

But do not fear! There are plenty of things that you as a individual user can do to protect your personal information and keep your privacy, private. First and foremost have good password habits, do not utilize the same password for multiple accounts and make your passwords unique to you and that particular website. Second, do some research! Most social media websites have specific guidelines on how you can increase your online privacy. Finally, consult companies such as [Abine](#) whose specialty is removing your personal information from online public records. Even taking these three simple steps can keep your information safe while still keeping you connected.

So is social media, friend or foe? It is both, but in the end it is on you to decide.

IMPORTANT SEPTEMBER ACTIVITIES



During the month of September several competition preparation activities will be available. Only registered teams may participate in the activities.

On Sept. 7, an introductory image with an answer key will be available for new teams (and experienced teams) to practice basic skills needed to compete in CyberPatriot. The image will be a Windows operating system. This is the only time we will release an answer key.

The first Coaches Meeting of the competition season will be held on Sept. 13. Registered Coaches and Mentors will be sent an invitation email for the meeting. During the meeting, the CyberPatriot Program Office Staff will answer questions from Coaches and Mentors via a WebEx chat session.

A Sneak Preview of the new CyberPatriot IX software will take place on a Saturday in September. Teams will have several hours to "test drive" the system. The date has not been finalized, but be alert for additional information to come.

For more details on the September activities, check out next month's CyberSentinel newsletter!

SUMMER OF CYBER!

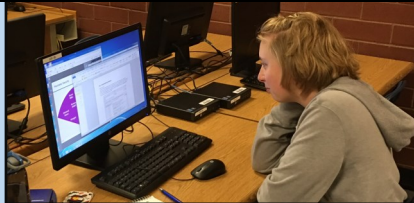
The 2016 AFA CyberCamps have certainly taken off this summer! Starting mid-June, six of the eight camp sessions have already taken place, with over 2,000 students so far participating from all over the United States. With two more sessions to go, it is anticipated that there will be over 3,000 who will experience an AFA CyberCamp. If you would like more information about an AFA CyberCamp in your area, click [here](#). Our hope is that many of these novice students will be inspired to participate in CP-IX at the beginning of next school year and become one of our esteemed Competitors.

Have you taught or attended a 2016 AFA CyberCamp?
Give us your feedback by sending a message to
afacybercamps@uscyberpatriot.org



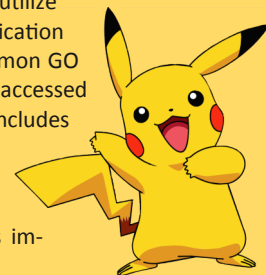
Photos courtesy of Rangeview High School CyberCamp 2016

Have pictures?
Tag us on [Facebook](#)
or [Twitter](#) using
[#afacybercamps](#)



STOP & THINK BEFORE YOU POKÉMON, GO!

Over the past few weeks Nintendo and their subsidiary company Niantic, Inc. have captured the imagination of millions both far and wide with their release of Pokémon GO. The newest hit phone application on the market utilizes Augmented Reality or AR technology. AR, not necessarily being a new way of interacting with the world around you has yet to be tested in the manner it is today with Nintendo's newest application. By utilizing your smart-phone's camera and GPS, Pokémon GO allows you to explore the physical world around you as you 'catch 'em all.' However with the advent of new technologies always comes a healthy dose of speculation regarding the technologies' security. Adam Reeve, a principal architect at the cyber security company RedOwl published an article on his personal blog shortly after the release of the game highlighting some potential security pitfalls of the program. In particular Mr. Reeve is concerned with the permissions that the application requests when initiating an account on startup. "Pokémon GO is a huge security risk," Mr. Reeve warned his readers; he believes that the application reaches far beyond its own scope and he might have a point. The Pokémon GO application requires you to sign in upon entry, you can do this with either a Pokémon Trainer account or your Google account. However, be aware that if you decide to utilize Google instead you will be providing the application full access to your account. This allows Pokémon GO and Niantic to see information not normally accessed by other applications of its type, this includes Google Drive documents, search history, Maps history, and private photos. This is not to say that Niantic nor Nintendo are actually accessing this information, but it is important to stay vigilant.



Coaches' Corner

- **CyberPatriot IX Registration.** Don't delay! Team registration for the upcoming season of competition (CyberPatriot IX) is open through Oct. 5, 2016! 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
Title 1 Schools: Waived

- **Exhibition Rounds.** Exhibition Rounds will be held for 10 days each month from May to August. The purpose of the Exhibition Rounds is for Coaches to recruit team members and orient potential CyberPatriot supporters. Only registered Coaches may participate in the Exhibition Rounds. Competitors do not have to be registered.

- August Exhibition Round: Aug. 10-19

SPOTLIGHT: CYBERPATRIOT VIII COACH AND MENTOR OF THE YEAR

CDR Allen Stubblefield, Coach of the Year

Through the undying and ever persistent leadership of Commander Allen Stubblefield, Troy High School in Fullerton, Calif., has soared to new heights within the CyberPatriot program. In only a few short years, the small California school has grown from only a few All-Service teams to five All-Service, four Open Division teams, and is rapidly expanding their efforts into their feeder middle school which they expect to expand from five to twenty-five members total. The success of Troy High School is due in no small part to CDR Stubblefield's dedication to the program. Under the direction of CDR Stubblefield, five All-Service teams successfully reached the Platinum Tier at Regionals, two teams competed at the national finals, and one placed second overall in the competition!



CDR Stubblefield (left) and his two Troy High School NJROTC finalist teams.

CDR Stubblefield not only engaged his students in traditional lectures but also encouraged senior team members to mentor the younger students, thus teaching the value of peer mentorship while instilling a sense of responsibility for their own success. This allowed team members to develop various leadership and followership skills along the way. CDR Stubblefield was also well known for utilizing instruction from a wide variety of sources. Enlisting the help of the Cal-Poly Pomona CCDC team and the rest of the All-Service teams he diversified the lessons taught to younger students, effectively preparing them not only for the current competition but for future competitions as well.

CDR Stubblefield exhibited many characteristics desirable in a CyberPatriot coach and his students took notice. His ethical leadership was at the forefront of his character and was highlighted through his lectures

on cyber-ethics, a cornerstone of his lesson-plan. For these reasons CDR Stubblefield was nominated and selected as the CyberPatriot VIII Coach of the Year.

Christopher Walcutt, Mentor of the Year

"Chris should be the Mentor of the Year because I cannot imagine any other mentor supporting their team any better and contributing to the success of their team any more this past season" remarked Coach Kenneth Steffey of the Centurion Battalion Sea Cadets.



Christopher Walcutt, a principal consultant at Black & Veatch, certainly was the technical backbone of their team. Trained in all aspects relevant to the CyberPatriot competition — Windows Desktop and Server Administration and Security, Linux Desktops and Servers, and Cisco Networking and Digital Forensics — he helped lead their team to victory at the National Finals competition, earning the coveted champion title in the All Service Division.

Chris joined the team late during CyberPatriot VI season just when they needed the technical expertise that he was able to provide. Throughout the team's past three seasons he has been intimately involved in the program. As an invaluable asset to the team he has been able to familiarize the students with the equipment and software being utilized. Tailoring lesson content to the their level of understanding has been crucial to their success. Having a great understanding of network security and impeccable interpersonal skills he is able to communicate the best practices in all the areas needed for the competition. Not only does Chris bring technical expertise to the team he brings a fun and engaging atmosphere as well. He consistently cites real world examples for the topics being discussed and is hands on with the students during white board work and system demos. His love and dedication for the students and this program is why Chris is the CyberPatriot VIII Mentor of the Year.



Christopher Walcutt (2nd from right) and the Centurion Battalion champion team

