



ISSUE 79 | NOV 2018

# THE CYBERSENTINEL

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

## COMMISSIONER'S CACHE



It seems impossible that we are already embarking on our 11th season. But we are! The National Youth Cyber Defense Competition by itself has grown substantially, reaching more teams in CP-XI than anyone could have ever imagined. And AFA's overall National Youth Cyber Education Program has broadened remarkably into areas that no one ever expected. What was once a high school competition is now a YOUTH cyber defense competition through the addition of an amazingly high number of middle schools.

And we are fortunately reaching broad demographics, including female students at roughly twice the average participation rate of STEM programs and a healthy number of minority students. Our Elementary School Cyber Education Initiative has already reached thousands of students and will receive a refresh soon. *Sarah The Cyber Hero* kicked off our CyberPatriot Literature Series, and the accompanying activity book is about to become available as well. AFA CyberCamps grew this past year from 161 locations to 260—in just one year! And in perhaps the most noteworthy addition to CyberPatriot, we will launch nationally this month *CyberGenerations—The Senior Citizens' Cyber Safety Initiative*. This particular effort brings us far from our usual moorings of youth-centric activity, but into an area we see as critically important in protecting vulnerable citizens who fall prey too often to those who would exploit them.

In summary: CyberPatriot continues to do genuinely great things, and none of it—not one bit—would be possible without the continued sustained support of our generous sponsors and partners, led by Northrop Grumman Foundation; our devoted coaches, mentors and team assistants who give so freely and “deliver the goods”; educators and administrators and organization leaders who bring the program to their schools and programs; our faithful AFA volunteers; and students everywhere who want to make a difference. Thank you all. And now, let's find out who's coming to Baltimore next year! Let CP-XI begin!

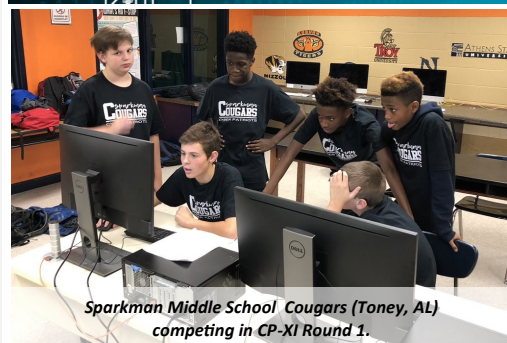
*Bernard K. Skoch*

Bernard K. Skoch | National Commissioner



## DATES TO KNOW

NOV. 1	Competitor Registration Ends
NOV. 2	CP-XI ROUND 1 KICKOFF
NOV. 4	CP-XI Round 1 Ends
NOV. 8	Payment/Fee Waiver Deadline
DEC. 7	Start of Round 2



Sparkman Middle School Cougars (Toney, AL) competing in CP-XI Round 1.

## CYBERPATRIOT XI KICKS OFF WITH ROUND 1 NOV. 2-4

And with that, another season of CyberPatriot is officially underway! Throughout the weekend of Nov. 2-4, thousands of teams across the United States and the world participated in Round 1 of CyberPatriot XI—the biggest season yet. The server was officially unleashed by Karen Goetz, The military and veterans manager of Northrop Grumman's Corporate Citizenship team. She was joined by AT&T, Boeing, and Cisco sponsor representatives.

High school teams faced off on Windows 10,

Ubuntu 14, and Cisco Packet Tracer challenges. Middle schoolers found themselves up against Windows Server 2016 and Windows 10 workstation virtual machines. This stands to be the most exciting season of CyberPatriot as new features and functionality are added to an already robust competition.

During the week of Nov. 5-9, the preliminary scores will be to Coaches to check their scores. Round 1 scores will be published [here](#) between Nov. 12-16.



Karen Goetz of Northrop Grumman opens the servers for Round 1 of CyberPatriot XI.

Air Force Association | 1501 Lee Highway | Arlington, VA 22209  
info@uscyberpatriot.org | 877-885-5716 | www.uscyberpatriot.org

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## ANOTHER COMPETITION SEASON MEANS NEW SHIRTS AND COINS!

The CyberPatriot Program Office will be packing and shipping participant kits the week of Dec. 5—Dec. 9. Packages will be addressed to the coach of record and shipped to the address provided by the coach during the team registration process.

Items included:

- T-shirt
- CP-XI Challenge Coin
- Lapel Pin
- Digital participation certificate (available for download on coach's dashboard)

How the packing/shipping process works

1. CyberPatriot exports a list of rosters to use as order slips. If a student does not appear on a roster, items for that student will not be included in the order. **PLEASE MAKE SURE YOUR ROSTERS ARE COMPLETE.**
2. The order is packed using the t-shirt sizes provided by the coach during registration. Coaches with multiple teams will receive one package containing gear for all teams registered to their account. We do not send separate boxes per individual teams.
3. A notification email will be sent when your package has shipped.
4. **IMPORTANT NOTE:** Participant kits for mentors and team assistants will be sent separately, directly to the address on file for the individual volunteer. Only mentors and team assistants who are officially registered and linked to a team roster will receive a package. For instructions on how to add a mentor to your roster, [click here and go to page 3 of the document.](#)



We appreciate your patience while we work to pack and ship all the participant kits this season. We estimate that 3,000+ boxes will be packed and shipped in total.

### FUN FACTS!

2,000 lbs of CyberPatriot XI coins || 24 pallets of t-shirts weighing 11,200 lbs (that's 29,500 shirts) || 60 lbs of packing tape

## CANADA'S CYBERTITAN



CyberTitan is CyberPatriot's Canadian affiliate, run through the Information and Communications Technology Council (ICTC). We at ICTC are busy gearing up for the 2018-2019 season and we want to take a moment to congratulate all the teams currently signed up and wish you good luck! We are waiting eagerly to see the competition begin! This year CyberTitan teams will also compete to earn one of 10 all-expense paid trips to the CyberTitan National Finals in May

2019 in Ottawa, Ontario. Cyber security is very important in today's society. In February 2018 alone 200 Canadian websites were hit by cryptojacking attacks. Using this number, we could estimate that over 2,400 attacks are possible in Canada alone. As threats like these grow larger and larger every minute, we look to students – Canada's Future Cyber Defence Experts – to keep Canadian Citizens' information and data out of the hands of the real-life cyber villains. By embarking on this journey, students take the first step in learning valuable skills that will assist in them in the quest to make a difference in this world. To learn more about the CyberTitan competition please visit [www.cybertitan.ca](http://www.cybertitan.ca). If you have any questions for our team don't hesitate to reach out at [cybertitan@ictc-cttc.ca](mailto:cybertitan@ictc-cttc.ca).

### Coaches' Corner

- **Competitor Registration.** Competitors must be added to rosters no later than 11:59 pm ET on Nov. 1, 2018. You will be unable to add competitors to a roster or transfer competitors between registered teams beyond this date. A competitor status of "pending" is acceptable for this deadline. Competitors CAN be under 13 years of age. The checkbox certifying that they are 13 years old is strictly for Cisco NetAcad access. It is NOT an age requirement for participation in CyberPatriot.
- **Payment.** Payment or fee waiver requests must be submitted by Nov. 8, 2018. We accept purchase orders, checks, and credit card payments.
- **Air Cards.** If you requested air cards, email correspondence has been sent regarding acceptance or denial of request.





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## SPOTLIGHT: CYBERGENERATIONS—CYBERPATRIOT'S NEWEST PROGRAM!



### CYBERGENERATIONS: THE SENIOR CITIZEN'S CYBER SAFETY INITIATIVE

**CyberGenerations is designed to not only cover a variety of basic cybersecurity topics important for senior citizens, but to also provide self-help resources in the event that an individual has been a victim of a cyberattack. Topics include:**

#### HOW IS CYBERGENERATIONS PRESENTED?

Instructors will be provided with the CyberGenerations presentation. The instructors will present this to the community of senior citizens. The presentation has been divided into different sections with each section focusing on a particular module. The CyberGenerations Guidebook expands on many of the topics discussed during the presentation.

The CyberGenerations Guidebook acts as a supplementary material with additional information on the topics discussed during the presentation. Elements include topic overviews, tips and tasks for safeguarding against cyberthreats, and outlets for addressing cybersecurity issues or breaches.

This month, CyberGenerations will be distributed to AFA Chapters across the country. If you are interested in learning more about the program, please contact the CyberPatriot office at [info@uscypatriot.org](mailto:info@uscypatriot.org), or reach out to your local AFA Chapter.

#### TOPICS

**Introduction - Cybersecurity 101:** Helps learn the basics of cybersecurity, including the physical threats to cyber safety and the importance of personally identifiable information.

**Module I - Password Management:** The importance of maintaining good password hygiene and tips on creating strong, unique passwords.

**Module II - Common Internet Threats:** Raise awareness about malware, social engineering methods like phishing, and public Wi-Fi tips to avoid becoming cybercrime victims.

**Module III - Internet Scams and Fraud:** Different types of scams targeting seniors, how to recognize false customer service calls, identity theft, and online shopping tips.

**Module IV - Social Media Safety:** Understanding privacy settings, becoming mindful of the various social media scams, and information about social media etiquette.

**Self-Help Resources:** Direct contact information for government and local resources



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## CONGRESSMAN IMPRESSED BY CP

Rep. John Ratcliffe (4th District—TX, front center) recently toured the Dr. Gene Burton College & Career Academy (GBCCA) where he learned about programs offered by Rockwall ISD and met with students and staff.

"I was grateful for the chance to meet with the folks at the Academy to discuss ways I can help support their important work to prepare tomorrow's leaders for the ever-evolving jobs of the 21st Century," Said Rep. Ratcliffe.

While at the GBCCA, Rep. Ratcliffe met with the Rockwall ISD CyberPatriot Club. The Cyber Patriot Club finished 19 out of 5,000 in the nation at the 2018 National Youth Cyber Defense Competition.

Source: <http://blueribbonnews.com/>



At the Round 1 Kickoff Event, AT&T renewed their sponsorship and presented the CyberPatriot program with a check for \$50,000.

*Pictured left to right:*

**Jim Hannam, AFA's Vice Chairman of the Board, Aerospace Education**

**Rocky Thurston, AT&T's Public Sector's Client Executive VP**

**Lance Spencer, AT&T's Director for AF Strategy and Solutions**

**Bernie Skoch, CyberPatriot National Commissioner**



Medina Valley and Warren CyberPatriot teams with CyberPatriot National Commissioner Bernie Skoch at the Texas Cyber Summit. Bernie had the opportunity to be a keynote speaker at the event, where he discussed the importance of attracting K-12 students to STEM education.

## THIS MONTH IN CYBER HISTORY

**November 9, 2004** — In November of 2004, Mozilla introduced a web browser by the name of **Firefox 1.0**. Sometimes abbreviated as FF, Firefox was Mozilla's next generation browser and included such features as tabbed browsing and popup blocking. Mozilla Firefox became a popular alternative for Microsoft Internet Explorer users who sought alternatives that could prevent spyware as well as a host of other Firefox features.

For more information, visit:



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