It’s here! The CyberPatriot XI National Finals Competition has arrived. 28 teams from across the U.S. will soon join us in Baltimore to see who can claim national championships in the Middle School Division, the All Service Division, and the Open Division. These 28 teams have proven themselves as no group of national finalists ever has, as we’ve had to make the competition increasingly more challenging each season because our skilled competitors keep getting better and better, and that’s GREAT news! If you’re coming to Baltimore, I look forward to welcoming you. If you aren’t, kindly wish our finalists good luck as they strive for trophies, medals, scholarships, and bragging rights. And please, take time to thank our generous sponsors—led by the Northrop Grumman Foundation—who make possible not only the National Finals Competition, but every element of our ever-expanding program.

On a sad note, we mark the passing of a superb visionary, leader, and close friend of CyberPatriot, Lt General George Muelle. His vision and leadership as AFA’s Vice Chairman for Aerospace Education and later as our Chairman of the Board significantly shaped CyberPatriot. I will add his loss is particularly sad for me, as General Muelle and I grew to be good friends, and it was a rare month that I failed to seek his sage counsel. He tirelessly promoted CyberPatriot nationwide and particularly in his home of Southern California. I already miss his humor, his mentorship, his friendship, and his keen insight. AFA will miss his leadership and vision. Godspeed, General Muelle. You led us well.

Bernard K. Skoch  |  CyberPatriot National Commissioner

The National Finals Competition Special Edition

**COMMISSIONER’S CACHE**

**DATES TO KNOW**

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**ONLINE SEASON ENDS – ALL EYES ON BALTIMORE**

The CyberPatriot XI online season will go down in the history books as the most educational, but challenging season yet. The CyberPatriot Program office spent hundreds of hours in preparing for and executing the season. Beginning in September, teams had access to updated training materials and training images with more explanations than before. The training round featured enhanced images with answer keys. Based on suggestions from Coaches in the post-season survey, the training images were made available throughout the Practice Round in October. By Round 1, teams had access to training materials and images that would allow them to have a successful round.

By design, Round 2 was more difficult so that high school teams could be divided into tiers for the State Round. The middle school Round 2 was not as difficult, so that they would have more experience before the State Round. The State Round was hard. As an elimination round, it achieved its purpose to identify the top 25% of teams that would move on to the Semifinals. However, there was a mix of less difficult with hard images in the round so that less experienced teams would not be overwhelmed.

When teams competed in the Semifinals, they found that it was the most challenging round CyberPatriot has had. Even seasoned teams were challenged. The national award winners and National Finalists can be found on the **scores page**.

Teams will arrive in Baltimore before April 7, to attend the National Finals Competition at the Inner Harbor Hyatt Regency Hotel. Their travel, food and lodging expenses are covered by the generous support of our sponsors. The National Finalist teams will compete in Baltimore, Md. on April 9. They will face a revised Network Security Master Challenge with the AT&T Mobile Device Component and the Cisco Networking Challenge. The AT&T Mobile Device Component will involve the use of iPads. It promises to be the most challenging National Finals yet.
WE ARE PLEASED TO WELCOME THE FOLLOWING 28 TEAMS TO THE NATIONAL FINALS COMPETITION

CERRITOS HIGH SCHOOL
Team: Andrew Kahr
Yvonne Kuo
Daniel Kim
John Li
Madeline Sharpe
Nathan Wong

“Purge Everything”
Cerritos, CA

DEL NORTE HIGH SCHOOL
Team: Akul Arora
Andrew Wang
Daniel Chen
Eric Chen
Lucy Gao
Pranav Patil

“CyberAegis Chobani”
San Diego, CA

DEL NORTE HIGH SCHOOL
Team: Phoenix Dimagiba
Alan Wang
Arjun Ghoshal
Josh Tan
Justin Lin
Kevin Hu

“CyberAegis Thanatos”
San Diego, CA

DEL NORTE HIGH SCHOOL
Team: Lily Hu
KC Uhegbu
Kian Kishimoto
Max Novak
Ryan Wei
Tanay Shah

“CyberAegis Zelos”
San Diego, CA
OPEN DIVISION

HIGHLANDS RANCH HIGH SCHOOL  “Falcon Transfer Protocol”
Team: Mason Newman
Kaylee Kirkwood
Kelsi Keys
Nathan Herscher
Grayson Northrip
Highlands Ranch, CO

LOYOLA BLAKEFIELD  “Cobalt”
Team: Jake Sanft
Nick Froehlinger
Tommy Szymkiewicz
Grant Hewett
Anthony Bradley
Henry Erdman
Towson, MD

LOYOLA BLAKEFIELD  “Indigo”
Team: Manny Spanos
Nathan Prouse
Henry Mackay
Zach Hipsley
Owen Quinn
Michael Chaney
Towson, MD

NORTH HOLLYWOOD HIGH SCHOOL  “Mendenhall”
Team: Lyna Kim
Thomas Panenko
Sean Cho
Glen Husman
Sam Kazimirowicz
North Hollywood, CA

PALOS VERDES PENINSULA HS  “CyberPantherTeam#1”
Team: RJ Wakefield-Carl
Saahil Parikh
Ryan Chau
Robert Peltekov
Seth Karner
Nicholas Wang
Rolling Hills Estates, CA

THOMAS JEFFERSON HIGH SCHOOL  “VAPatriot ScubaSquad”
Team: Darin Mao
Darius Kianersi
Alexander Suh
John Lee
Alexandria, VA
OPEN DIVISION

TROY HIGH SCHOOL
Team: Jino Sirivatanarat
Jennifer Ho
Justin Huang
Josh Ibad
Kanin Liang
Eric Nguyen

“System64”
Fullerton, CA

TROY HIGH SCHOOL
Team: Christo Bakis
Clement Chan
Timothy Kim
Jimmy Li
Rahil Shah
Joseph Xu

“Troy Tech Support”
Fullerton, CA

ALAMO HEIGHTS HIGH SCHOOL
Team: Jack Harrell
Troy Whitney
Dayana Castro
Jana Hendricks
Cooper Ritz
Sasha Rukhina

“Golden Mules”
San Antonio, TX

ENGINEERING AND TECHNOLOGIES ACADEMY
@ ROOSEVELT HIGH SCHOOL
Team: Jacob Rahimi
Fardeen Bhimani
Harrison Lewis
Samantha Peace
Tristan Lee

“Roosevelt Rough Riders”
San Antonio, TX

TROY HIGH SCHOOL
Team: Lavanya Garg
Erin Liu
Aidan Masinsin
Ryan Nguyen
Supavit Pitaknarongphorn
Anusha Sapre

“CyberD3lta”
Fullerton, CA

TROY HIGH SCHOOL
Team: David Lee
Evan Deters
Johanna Liang
Alicia Wang
Brendan Won
Nicole Wong

“Senior Chief Shannon Kent”
Fullerton, CA
TROY HIGH SCHOOL

Team: Mitch Radvansky
David Chang
Patrick Florendo
Gabriel Fok
Charissa Kim
Aaron Yi

“Subtle Cyber Traits”

Fullerton, CA

MARINE MILITARY ACADEMY

Team: Cameron Daniel
Victor Olawale-Apanpa
Ethan Gordon
Derek Mohos
Sabin Moiceanu

“Devil Dogs”

Harlingen, TX

MONTACHUSETT REGIONAL VOCATIONAL TECHNICAL SCHOOL

Team: Devin Normandin
Tyler Coolidge
Damian Sutton
Samuel Landadio
Quinn Kneeland
Luc Jurdain

“Marine Raiders”

Fitchburg, MA

O.W HOLMES/BUSINESS CAREERS HS

Team: Zane Salazar
Joshua Kerski
Michael Correa
Joey Asmus
Jorge Pena
Eric Melton

“TX-781st Color 2E”

San Antonio, TX

SCRIPPS RANCH HIGH SCHOOL

Team: Shane Donahue
Evan Dicker
Valerie Ho
Brandon Nguyen
Alex Roh

“Byte Sized Falcons”

San Diego, CA

BIG SIOUX COMPOSITE SQUADRON

Team: Austen King
Annabelle Klosterman
Isaiah Klosterman
Jeremiah Jorenby

“Civil Air Patrol”

Brookings, SD
FULLERTON COMPOSITE SQUADRON 56

Team: Daniel Hayase
       Thomas Hoang
       Kayla Kim
       Clara Kim
       Esther Kwon
       Rachel Lee

“Valour”

Fullerton, CA

BAND OF THE WEST DIVISION

Team: Ted Ikehara
       Nicholas Lee
       Lawrence Luong
       Matthew Chan
       Dylan Heng
       Arkin Si

“Silicon Knights”

San Mateo, CA

SACRAMENTO DIVISION

Team: Connor Yang
       Zack Nkadi
       Evan Huang
       Emily Foreman
       William Smith
       Emily Kelso

“Spartans”

Roseville, CA

DESIGN 39 CAMPUS

Team: Aarav Arora
       Ashika Palacharla
       Raiden Tung
       Rohan Juneja
       Safin Singh
       Vardaan Sinha

“CyberAegis Kronos”

San Diego, CA

OAK VALLEY MIDDLE SCHOOL

Team: Rachel Lee
       Andrea Wang
       Audrey Zeng
       Ellen Xu
       Samhitha Duggirala

“CyberAegis Aether”

San Diego, CA

OAK VALLEY MIDDLE SCHOOL

Team: Akshay Rohatgi
       Aadit Gupta
       Akhil Guntur
       Alex Jiang
       Alvin Zheng
       Jonathan Lin

“CyberAegis Chaos”

San Diego, CA
IN MEMORY OF

LT GENERAL (RET) GEORGE MUELLNER
1943 – 2019

General George Muellner was a longtime member of the Air Force Association, holding multiple key positions over many years including chairing AFA’s Aerospace Education Council and serving as AFA Chairman of the Board from October 2012 through September 2014. During his tenure he dedicated himself to nurturing and expanding AFA’s nascent CyberPatriot program. CyberPatriot’s explosive growth and global success has been in many ways directly attributable to his vision and leadership.

Coaches’ Corner

• **CyberPatriot XII Registration.** Team registration for the upcoming season of competition opens April 1, 2019! 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-XII are below:
  - Open Division: $205 per team*
  - Middle School: $165 per team*
  - All Service Division: Waived

*Title I schools and all-girl teams may request a fee waiver through the dashboard once team is approved.

*Register before July 1 for 20% discount. We do NOT offer “BOGO” deals on registrations.

• **AFA CyberCamp Registration.** Interested in attracting more students to your organization’s CyberPatriot team? Host a camp this summer! Registration for hosting a camp is open through May 1. Visit the [AFA CyberCamp site](#) for more information.

Air Force Association
CYBERCAMPS
SUMMER 2019

Register before May 1 to host a camp this summer!

Questions? Contact AFACyberCamps@uscypberpatriot.org

CyberPatriot’s Cyber Education Literature Series

**SARAH THE CYBER HERO**

Get your copy today!
$9.95 @ Amazon.com
The CyberPatriot Program Office is pleased to announce the addition of BTB Security as a CyberPartner!

BTB Security helps organizations detect security weaknesses, defend against attacks, and defeat breaches through its comprehensive suite of services. With a reputation earned from decades on the front line of cybersecurity, BTB Security is focused on enhancing the security posture of client organizations by deploying proactive assessment and offensive security services, reactive response and forensic services, and managed detection and response services.

In addition, the company, through its RIOT Labs division, pours time and effort into researching the latest security threats to stay one step ahead of the hackers, develop sanitized offensive techniques and tools, and create attack models that strengthen detection and response capabilities. All of this research is applied to protecting clients, and furthering the security industry.

Ron Schlecht, one of BTB’s managing partners, said that the firm is honored to sponsor The CyberPatriot Program because he recognizes the challenge the industry faces in educating cyber security professionals, giving them a great basis to develop and pave the way for Canada to be a world leader in cybersecurity.

“The CyberPatriot Program is developing and energizing future cyber security professionals, giving them a great basis to develop their career,” Schlecht said. “Protecting companies and our infrastructure from cyber threats is difficult and ever-changing, but extremely fulfilling work. This program is focused on helping the next generation of security professionals see that and gain a head start on their career.”

VMware IT Academy provides the next generation of talent by educating them on the basics of virtualization and cloud computing. Ultimately, we want to encourage job readiness and encourage VMware certification.

IT Academy builds public-private partnerships by:

* Enabling understanding and application of VMware technology
* Fostering career development
* Creating a pipeline of diverse talent
* Helping to strengthen communities

According to IDC research consultancy, “Economies, jobs, and personal lives are becoming more digital, more connected, and increasingly, more automated.” With this digitized economy, technology companies will increasingly face concern from the public about the impact of digitization on jobs.

IT Academy addresses this job concern with a solution. To learn more, visit our IT Academy website. If you have questions, please email itacademy@vmware.com. Or begin your digitization journey now with a free Virtualization course.

“The IT Academy team envisions a world where technology is leveraged as a force for good, so individuals and communities can thrive.” –Tom MacKay, VMware Senior Director, Global Technical Sales Enablement COE

Realize the Possibilities.

A message from VMware, CyberPatriot’s newest supporter:

At VMware, we believe that software has the power to unlock new possibilities for people and our planet. Our software forms a digital foundation that powers the apps, services, and experiences, transforming the world. We are proud of our partnership with CyberPatriot who uses VMware Workstation Player as a key element in their national cyber competitions.

If you are interested in learning more about technology, VMware has an exciting program for high schools and colleges around the world: VMware IT Academy.

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