



THE CYBERSENTINEL

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

APRIL 2023

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CyberPatriot XV National Finals Recap

Congratulations to the 28 National Finalist teams who wrapped up another incredible season at the CyberPatriot XV National Finals Competition on March 18-20, 2023. View photos from the event on the [Air & Space Forces Association Flickr page](#).

The main event - competition day – went all day on Sunday, March 19th. Competitors started with the Network Security Master Challenge and wrapped up the day with the Cisco NetAcad Challenge and Boeing Cyber-Physical System Challenge.



The National Finals Competition (and CyberPatriot XV season) ended the evening of Monday, March 20th, at the Awards Banquet. Here, the winning teams were announced and deemed National Champions. A live stream of the Awards Ceremony can be viewed on [CyberPatriot's YouTube channel](#).

Congratulations to the winners of CyberPatriot XV!



Runtime Terror
Troy High School
Fullerton, CA



ALL SERVICE DIVISION

ALL SERVICE DIVISION WINNERS

National Champion: *Runtime Terror*
Troy High School (Fullerton, CA)

Runner-Up: *Terabyte Falcons*
Scripps Ranch High School (San Diego, CA)

Third Place: *TXPatriot | baits64==*
Theodore Roosevelt High School (San Antonio, TX)



CyberAegis Tempest
Del Norte High School
San Diego, CA



OPEN DIVISION

OPEN DIVISION WINNERS

National Champion: *CyberAegis Tempest*
Del Norte High School (San Diego, CA)

Runner-Up: *Half Dome*
Franklin High School (Elk Grove, CA)

Third Place: *CyberAegis Drift*
Del Norte High School (San Diego, CA)



CyberAegis Vitalis
Design 39 Campus
San Diego, CA



MIDDLE SCHOOL DIVISION

MIDDLE SCHOOL DIVISION WINNERS

National Champion: *CyberAegis Vitalis*
Design 39 Campus (San Diego, CA)

Runner-Up: *CyberAegis Aeris*
Oak Valley Middle School (San Diego, CA)

Third Place: *The Other Half*
Toby Johnson Middle School (Elk Grove, CA)

Boeing Cyber-Physical System Challenge

In the Boeing Cyber-Physical System Challenge, teams are presented an operational system that tracks and maintains flight information. Each team acts as a product security engineering team that has been tasked with securing the system from threats that could impact air safety.



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Carmel High School (Carmel, IN)



Cisco NetAcad Challenge

During the Cisco NetAcad Challenge, teams are scored on their ability to demonstrate proficiency in network security administration. Cybersecurity knowledge and skills are tested with a networking quiz and a Packet Tracer network simulation exercise.



CyberAegis Aeris

Oak Valley Middle School (San Diego, CA)



TXPatriot / baits64==

Theodore Roosevelt High School (San Antonio, TX)



CyberAegis Drift

Del Norte High School (San Diego, CA)



CyberPatriot Cyber All-American

Also recognized at the event were six Cyber All-American award recipients. These individuals join a small group of competitors who qualified for the National Finals Competition all four years of their high school careers.

Congratulations!



CHAN CHUNG
Troy High School



AKHIL GUNTUR
Del Norte High School



JONATHAN LIN
Del Norte High School



BRIAN NI
Troy High School



AKSHAY ROHATGI
Del Norte High School



ALVIN ZHENG
Del Norte High School

BREAK INTO THE CYBER INDUSTRY

As CyberPatriot competitors, you are creating solutions for our future as you learn to prevent cybersecurity threats and defend digital footprints worldwide. Students at Gannon University in Pennsylvania are taking action like you, designing secure systems and breaking into the cyber industry.



VICTORIA BARTLETT | CYBERSECURITY STUDENT INFORMATION SECURITY ANALYST, ERIE INSURANCE

Victoria Bartlett will be one of the first graduates of Gannon's cybersecurity program this May. A highlight of her experience is the access to industry-grade technology and labs in Gannon's Institute for Health and Cyber Knowledge, or I-HACK. Here, she's learned to deploy ethical hacking techniques in the Cyber Attack Lab to design and secure several Android apps. This is just one of the many experiences Victoria's had in the program that gave her a competitive edge to land a full-time position with a FORTUNE® 500 company upon graduation.

"I've always been curious about computers and troubleshooting and solving problems. Gannon's courses made me really feel excited about pursuing cybersecurity."



Scan here to view Victoria's story, or meet her and other engineering and computing students at our upcoming virtual networking event.

POWERING OUR FUTURE: WOMEN IN CYBER, ENGINEERING AND COMPUTING

Thursday, April 20 | 8 p.m. EST | Virtual

Hear from women in cyber, engineering and computing to learn more about pursuing a career in these high-demand industries. Gain insight into your field of interest, ask our students and faculty the questions you want to know about salary and job outlooks, our students' experiences with research and internships, and more.

Please note: This event is designed to empower women, but all are welcome to join.



REGISTER TODAY [GANNON.EDU/CYBER](https://gannon.edu/cyber)



GAIN HANDS-ON EXPERIENCE THAT GETS JOBS.

Gannon's Institute for Health & Cyber Knowledge is educating the next generation of cyber, engineering and computing professionals.

- Design and protect data and systems in cyber attack and defense labs.
- Earn an Extreme Network Certification upon graduation.
- Limited time cyber scholarships starting at \$20,000.
- Coming Fall 2023: Center for Manufacturing & Technology, Gannon's high-tech and versatile MakerSpace featuring fabrication and additive manufacturing equipment for wood, metal and plastic materials.



Tour I-HACK and find out more.

Time is running out to host a CyberCamp



Registration to host a CyberCamp is open until May 1st!

CyberCamps emphasize fun, hands-on learning of cybersecurity principles that are relevant and applicable to everyday life. The Standard CyberCamp is designed for campers who are new to the world of cybersecurity. The goal at the end of the camp is to have students ready to compete in the CyberPatriot National Youth Cyber Competition. The Standard CyberCamp consists of an introduction to cybersecurity, cyber careers, the National Youth Cyber Defense Competition, Windows Security Policies, auditing, Linux basics, intro to CLI, and command line security.

The Advanced CyberCamp takes campers to the next level and is designed for students who have either competed in the National Youth Cyber Defense Competition or attended an AFA Standard CyberCamp. The Advanced CyberCamp curriculum consists of (1) Windows graphical utilities, command line, Sysinternals Suite, (2) Linux Init Systems, advanced command line, processes and scheduled tasks, security policies, PAM and (3) Cisco NetAcad.

On the last day of the CyberCamps, campers are immersed in a mock competition where they work on securing virtual images by finding and fixing vulnerabilities.

Find out more about CyberCamps at:

<https://www.uscyberpatriot.org/afa-cybercamps/overview>

Host organizations can choose to host a camp during any of the available weeks. Both Standard AND Advanced camps are offered each week.

WEEK	DATE
WEEK 1	June 5-9
WEEK 2	June 12-16
WEEK 3*	June 19-23
WEEK 4	June 26-30
WEEK 5	July 10-14
WEEK 6	July 17-21
WEEK 7	July 24-28
WEEK 8	July 31-Aug 4

**Juneteenth will be observed on June 19, 2023. Camps can be held this week if the host organization would like, but limited tech support will be available on that Monday, June 19th.*

Join the Competition! Register now for CyberPatriot XVI

As of April 1, 2023, registration for the 16th season of CyberPatriot's National Youth Cyber Defense Competition season is open! Register your team today for the 2023-2024 season. Remember: the earlier you register, the more access to practice images and rounds your team will have. Register by July 1 to get 20% off the fees below:

Registration Fees and Waivers:



- \$225.00 / High School Team
- \$175.00 / Middle School Team
- Fees waived for JROTC, Civil Air Patrol, and Naval Sea Cadets
- Fees waived for Title I Schools (upon request)
- Fees waived for all-girl teams (upon request)

Returning Coaches:

Use your existing volunteer account to sign in and register your new team(s) for the upcoming competition season. Teams DO NOT carry over from last season.

New Coaches:

Create a volunteer account, then sign in to register your teams(s) for the upcoming competition season.

[Full Registration Instructions](#)

CyberSakura – The Japanese Youth Cybersecurity Competition

The second season of CyberSakura came to an end on Saturday, March 25, 2023 in Sabae City, Fukui Prefecture. Six teams advanced to the finals:



- Musashi Junior High School (Tokyo)
- Kagawa National College of Technology (Kagawa)
- National Institute of Technology, Nara College (Nara)
- PCN Sendai (Miyagi)
- Hana Dojo (Fukui)
- Shibuya Education Academy, Shibuya High School (Tokyo)



After three-and-a-half hours of competition, the following teams were awarded the top honors.

- **1st Place:** Musashi Junior High School (Tokyo)
- **2nd Place:** Kagawa National College of Technology (Kagawa)
- **3rd place:** Shibuya Education Academy, Shibuya High School (Tokyo)



CyberPatriot in The News

[Cyber Cup '23 - Mentoring today's students to become tomorrow's cyber warriors](#) | By Rachel Kibbe Williams

JOINT BASE SAN ANTONIO-LACKLAND, Texas – Lt. Gen. Kevin Kennedy, commander of 16th Air Force (AFCYBER) spoke to the San Antonio-region's CyberPatriot teams at the San Antonio Mayor's Cyber Cup College Fair and Awards Luncheon, Saturday, Feb. 25, 2023.

The Cyber Cup is a combined college fair and awards ceremony designed to recognize San Antonio-area high school and middle school teams that competed in the CyberPatriot competition during this school year. CyberPatriot is a national youth cyber-defense competition created to encourage youth toward cybersecurity or science, technology, engineering, and mathematics careers.

[CyberPatriot XV Crowns New National Champions](#) | By Patrick Reardon

CyberPatriot XV launched last fall with 5,266 teams from all 50 states, the District of Columbia, Canada, U.S. overseas territories, and military dependent schools in Europe and the Pacific. Just 28 earned a ticket to the National Finals in Bethesda, Md., and just one team from each of three divisions earned the coveted title of "champion."

Thank you to all the CyberPatriot Sponsors who make our program possible:

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GANNON
UNIVERSITY



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UNIVERSITY OF MARYLAND
GLOBAL CAMPUS

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