THE CYBERSENTINEL

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

National Finals Edition

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CyberPatriot XIV National Finals Competition

The CyberPatriot XIV National Finals Competition is set for March 18-20, 2022. The event will be conducted as a hybrid event with some teams competing in-person at the Bethesda North Marriott in Rockville, Maryland and others competing virtually from their home locations. The event kicks off on March 18 with the Opening Ceremony (live-streamed at 10:00 AM ET on CyberPatriot's YouTube channel), followed by Competition Orientation and System Familiarization in the afternoon, and The Career Portal/Industry Perspectives (TCP/IP) event in the evening.

The main event - competition day – will go all day on Saturday, March 19, starting with the Northrop Grumman Foundation Network Security Master Challenge (with AT&T and CyberPatriot Web-based components) and wrapping with the Cisco NetAcad Challenge.

The National Finals Competition (and CyberPatriot XIV season) culminates the evening of Sunday, March 20, at the Awards Banquet. Here, the winning teams are announced and deemed National Champions. Additional information about the live-stream of the awards ceremony will be shared closer to the event date.

The Challenges

Northrop Grumman Foundation Network Security Master Challenge (with AT&T and CyberPatriot Web-based components)	During this challenge, teams are provided with a variety of operating system images and an AT&T-sponsored cybersecurity inject. Each team serves as administrators for a small business, responsible for maintaining servers and network services. Teams must find and fix vulnerabilities, maintain critical services, resolve injects (including the AT&T Component), and defend against hostile Red Team attackers.
Cisco NetAcad Challenge	During the Cisco NetAcad Challenge, teams are scored on their ability to demonstrate proficiency in network security administration. Teams are challenged to utilize their members efficiently to complete all aspects of the challenge in the allotted time. Cybersecurity knowledge and skills are tested with a networking quiz and a Packet Tracer network simulation exercise.

Meet the National Finalist Teams

Congratulations to these 28 teams that qualified for the CP-XIV National Finals Competition. For full details on the teams who have qualified (coach, team members, team photos, etc.) check out the CyberPatriot XIV National Finals Competition Digital Program!

OPEN DIVISION

Canyon Crest Academy *bieberbepis mimicatz* San Diego, CA	**Del Norte High School** *CyberAegis Flashpoint* San Diego, CA	**Highlands Ranch High School** *Falcon Transfer Protocol* Highlands Ranch, CO	**Thomas Jefferson High School** *Scuba Squad* Alexandria, VA
Cookeville High School *TNPatriot | KaliPatriot* Cookeville, TN	**Franklin High School** *Half Dome* Elk Grove, CA	**Olathe Northwest High School** *Ravens* Olathe, KS	**Walnut High School** *Team Lemons* Walnut, CA
Del Norte High School *CyberAegis Chopstick* San Diego, CA	**Grandview High School** *CyberWolves II* Aurora, CO	**Summit Technology Academy** *Sudo* Lee's Summit, MO	**William Lyon Mackenzie Collegiate Institute** *Unavailable for Legal Reasons* North York, Ontario (CAN)

ALL SERVICE DIVISION

Union County Composite Squadron | *Sapphire*
Matthews, NC

Ashely Ridge High School *SwampFox* Summerville, SC	**Roosevelt High School** *TXPatriot | CareBears* San Antonio, TX	**Air Academy Cadet Squadron** *Lockouts* Colorado Springs, CO	**Fullerton Composite Squadron 56** *Repose* Fullerton, CA
Scripps Ranch High School *Terabyte Falcons* San Diego, CA	**Buena High School** *Cybervengers* Sierra Vista, AZ	**Troy High School** *Runtime Terror* Fullerton, CA	**Marine Military Academy** *Devil Dogs* Harlingen, TX
Sacramento Division *Spartan* Roseville, CA	**Band of the West Division** *Silicon Knights* Redwood City, CA	**Bishop Kenny High School** *Crusaders* Jacksonville, FL	**La Cueva High School** *CyberBears* Albuquerque, NM

MIDDLE SCHOOL DIVISION

Design 39 Campus *CyberAegis Cobra* San Diego, CA	**Lawler Middle School** *Chunky Marios* Frisco, TX	**Oak Valley Middle School** *CyberAegis Scimitar* San Diego, CA

CyberPatriot Cyber All-Americans

The Cyber All-American honor is given to those CyberPatriot competitors who have qualified for the National Finals Competition all four years of their high school careers. Past Recipients include:

2015	Connor Quick	Montachusett Regional Vocational Technical School
2015	Joshua Klosterman	Big Sioux Composite Squadron
2015	Carlin Idle	Colorado Springs Cadet Squadron
2016	Victor Griswold	Colorado Springs Cadet Squadron
2017	Leon Gaulin	Montachusett Regional Vocational Technical School
2018	Noah Bowe	Colorado Springs Cadet Squadron
2018	Taylor Coffey	Colorado Springs Cadet Squadron
2020	Charissa Kim	Troy High School
2021	Evan Huang	US Naval Sea Cadet Corps Sacramento Division
2021	Justin Lin	Del Norte High School

This year, eight new competitors have earned the Cyber All-American designation:

EMILY FOREMAN
Sacramento Division

KEVIN HU
Del Norte High School

EMILY KELSO
Sacramento Division

DARIUS KIANERSI
Thomas Jefferson
High School

TRISTAN LEE
Roosevelt High School

DARIN MAO
Thomas Jefferson
High School

TANAY SHAH
Del Norte High School

WILLIAM SMITH
Sacramento Division

AFA CyberCamps

To learn more about hosting a camp, visit https://www.uscyberpatriot.org/afa-cybercamps/host-a-camp
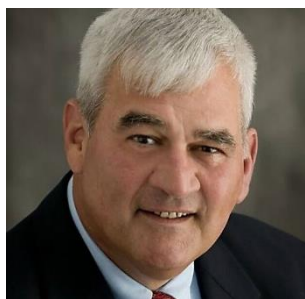
International Spin-offs | CyberTitan

The Information and Communications Technology Council sends big congratulations to all CyberTitan Teams who participated in any round of this year's CyberPatriot competition and especially to those who competed in the Semifinals. Great work Canadian Teams!

A very special shout out to our team, Unavailable for Legal Reasons, from William Lyon Mackenzie Collegiate Institute in North York, Ontario, for being invited to the CyberPatriot finals! Great job on all of your hard work and good luck in the finals.

The CyberTitan V Canadian National Finals is on the horizon and excitement is in the air! This year's competition will again by virtual from May 16 – 18, 2022. This year's theme will be out of this world.

For more information, visit www.cybertitan.ca or email cybertitan@ictc-ctic.ca

CyberPatriot says Goodbye to an AFA Legend

David T. "Buck" Buckwalter was the Air Force Association's Executive Vice President from 2008 to 2012 and he played a key role in launching the CyberPatriot Program. Under Buck's leadership, the CyberPatriot pilot program with eight teams and the first full season of CyberPatriot were a success that quickly gained the attention of program sponsors. After his retirement, Buck continued to be a strong supporter of CyberPatriot and helped launch AFA's StellarXplorers program. Buck passed away on February 27 at the age of 72.

Prior to his time with AFA, Buck served 27 years in the U.S. Air Force as a weapons officer, logistician, and a Naval War College instructor. Buck earned a master's degree in National Security and Strategic Studies from the Naval War College and retired from the Air Force with a rank of Colonel.

CyberPatriot in The News

[Two Sea Cadet Units Qualify for National CyberPatriot Finals](#) | By Jennifer Cragg, U.S. Naval Sea Cadet Corps
BETHESDA, Maryland — The U.S. Naval Sea Cadet Corps has qualified two teams to compete in the CyberPatriot National Final team competition set for March 17-21 in Bethesda, Maryland. Sacramento Division and Band of the West Division will represent the youth organization at the All-Services Division Nationals. Both units are based in California and have years of experience competing in CyberPatriot annual competition.
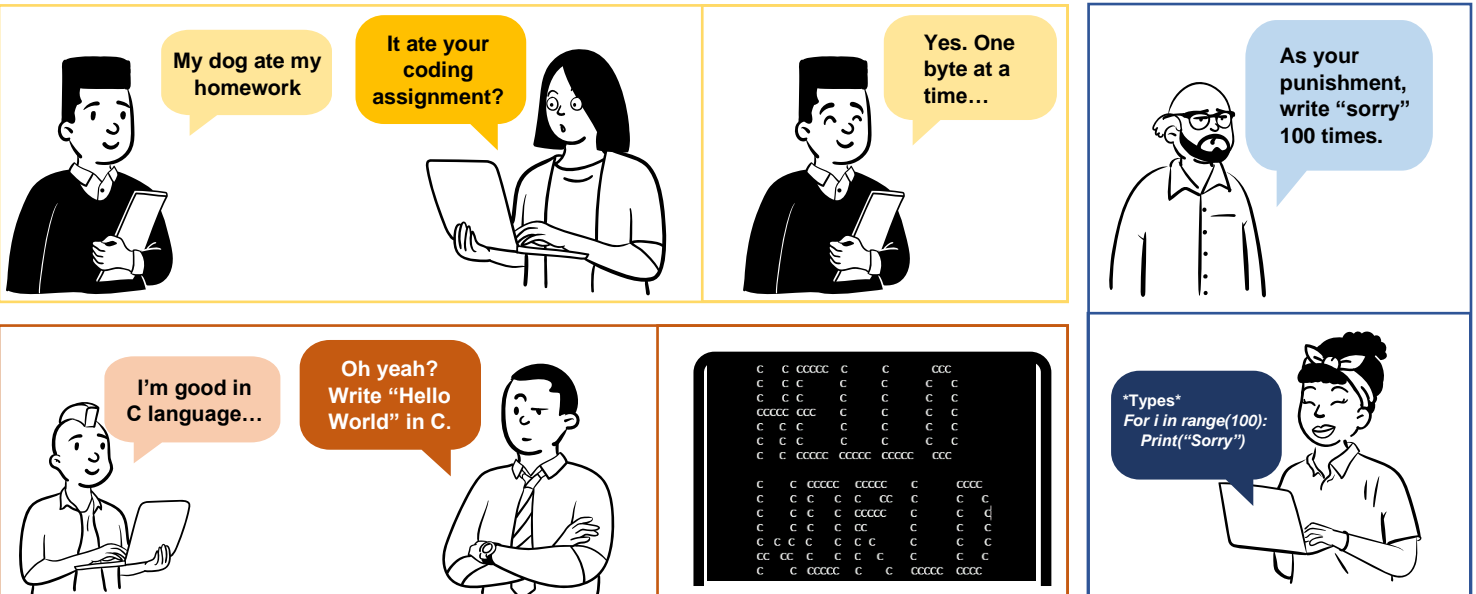
[Waterloo Career Center team places in top half of CyberPatriot competition](#) | By Andrew Wind, The Courier
WATERLOO — The Waterloo Career Center's cyber defense team placed in the top half among hundreds of participants during a recent competition. Nicknamed Kuhls Kids, it was among 750 teams across the country and a limited number worldwide that had advanced to the CyberPatriot semifinals Jan. 21-22. The 11-member team finished 308th overall in the event and 42nd in the Gold Division, according to a news release.

[Monty Tech students named state champions in cybersecurity](#) | Sentinel & Enterprise
FITCHBURG — Two student teams from Montachusett Regional Vocational Technical School were recently named state champions in the CyberPatriot competition.
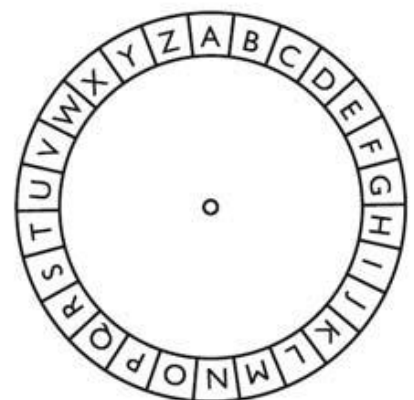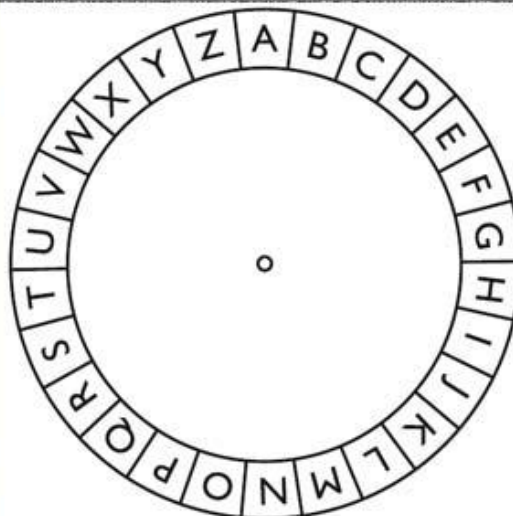
LOLs & Executables

Executable

Use the Caesar Cipher Wheel to decode the message below:

Kx Knwsbkv sx dro EC Xkfi mysxon dro dobw mywzedob leq grox cro nscmyfobon k wydr cdemu sx k Wkbu SS bovki mkecsxq sd dy wkvpexmdsyx.

Cut out each wheel. Place smaller wheel into larger wheel to make decoder.