



THE CYBERSENTINEL

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

June 2021 | In This Issue

- CyberPatriot Demo Release →
- CyberPatriot XIV Schedule →
- CyberTitan IV Canadian Finals →
- AFA CyberCamps →
- National Cyber Scholarship Competition →
- CyberPatriot Shoutout →
- CyberPatriot & the News →



Commissioner's Cache | from Acting Commissioner Rachel Zimmerman



CyberPatriot said goodbye to Bernie Skoch last month. Bernie was the National Commissioner of CyberPatriot since 2010. Over his 11 years at CyberPatriot Bernie shaped and molded the CyberPatriot program into what it is today. Bernie runs marathons and would often go on training runs in the evening. I knew we were in for a new project whenever he would stop by my desk in the morning and say “Come see me, I had a great idea while out on a run.” That’s how we got our AFA CyberCamp program, our elementary school program and our literature series. While we miss seeing Bernie in the office and on video calls, we wish him the best of luck on his next adventure and we know he’s still cheering the program on from the sidelines.

So let me start with a quick introduction. I’m Rachel Zimmerman and in the interim I will be the CyberPatriot Acting National Commissioner. I was one of the first staff hired for the program back in 2010 when the Northrop Grumman Foundation became the presenting sponsor. As CyberPatriot has grown and expanded, my role with CyberPatriot has also grown and expanded. I’m a mom of two boys, Landon is in 2nd grade and Rylan is in Kindergarten. Its been an interesting year working from home while also facilitating virtual school but we all survived. My husband Dave and I will celebrate our 10 year wedding anniversary this month. And while I currently am not a runner, I just may take it up to get those creative juices flowing.

The CyberPatriot program office is working hard to make CP-XIV a great competition. The competition schedule is now available and teams who register before July 1st will receive a 20% early registration discount. You can now download our interactive Demo to get a feel for what the competition is like. This is a great recruitment tool to show perspective coaches or competitors what teams do during the competition. AFA CyberCamps start this month and we look forward to receiving feedback from all the virtual and in-person camps this summer. We also have a few shout outs to Team Teapot, the winners of CyberTitan, and to the CyberPatriot students who competed in the National Cyber Scholarship Competition.

CyberPatriot Demo Release



**INTERACTIVE DEMO
SOFTWARE NOW AVAILABLE!**

Allow presenters to give potential participants a "hands-on" experience

- No active image required
- No internet required
- Useful at conferences and shows

The CyberPatriot Demo is a partial simulation of a CyberPatriot image, with a built-in tutorial. The Demo aims to introduce teachers, students, organizational leaders, and others to the CyberPatriot competition. The small software package (50 MB) was designed as an informational and recruiting tool that can be used as a presentation or hands-on activity at an event, conference, meeting, or in the classroom (in-person or virtual). Note that this software is NOT designed to be a training image for CyberPatriot teams.

To order the Demo download (free of charge), use the form below. The Demo download and setup instructions are included in the Quick Start Guide, which can be accessed once the order form is submitted.

Demonstration Software Order Form: <https://forms.gle/4K7QiekNKpmr5np37>

CyberPatriot XIV Schedule Released

Registration is now open for CyberPatriot XIV -- the fourteenth season of the National Youth Cyber Defense Competition. Registration is open until October 5, 2021. Register before July 1, for a 20% discount.

FULL REGISTRATION INSTRUCTIONS: A PDF version of the registration instructions can be found [HERE](#)



CyberTitan IV Canadian Finals



Teapot Wins CyberTitan IV Canadian Finals

The CyberTitan IV National Finals wrapped up with Teapot from William Lyon Mackenzie Collegiate Institute in North York, ON, taking the top prize. Two other North York teams captured the remaining podium spots, with Premature Optimization, also from William Lyon Mackenzie Collegiate Institute, in second place; and third place went to Sixside from Earl Haig Secondary School in North York, ON.

The virtual six-hour cybersecurity competition took place May 17; a virtual Summit, where students heard from cybersecurity industry experts, was held on May 18; and the official Award Celebration was hosted May 19. CyberTitan IV National Finals featured 11 teams from across Canada, including an exhibition team from Cadets

Canada. Due to COVID-19, for a second year the traditionally in-person competition transpired online, and all 59 student competitors were able to participate from their homes.

The theme for the CyberTitan IV National Finals was “The Grain Must Flow!” Students competed to keep Canada’s grain exports moving safely in a cyberattack scenario that threatens to freeze rail movements and grain exports nationwide. During CyberTitan III, the members of Teapot were on team 404: Team_not_found won third place. After the competition last year, the team was thinking about its name following an HTTP status code: 418 was a joke that stuck and means “I’m a Teapot,” hence the new team’s name was formed.

CyberTitan IV is made possible by the amazing support of the following organizations: Communications Security Establishment, Field Effect, Durham College, Loudmouth Security and Octopi Managed Services Inc.

CyberTitan IV National Finals Top 10 Results:

First Place: Teapot from Ontario

Second Place: Premature Optimization from Ontario

Third Place: Sixside from Ontario

Defender Award: FalconTech Plagueware from Ontario

Olympians Artemis from Alberta

CyberDragons from New Brunswick

DDR1 from Manitoba

Olympians Ares from Alberta

Inspect the Element from Manitoba

FalconTech Terabytches3.0 from Ontario

Exhibition Team: Cadets and Junior Canadian Rangers from the Cadets Canada

AFA CyberCamps 2021

Are you a student interested in attending an AFA CyberCamp or know someone who may be interested in learning cybersecurity? Check out our list of available camp locations and dates by going to the link below.

<https://www.uscyberpatriot.org/afa-cybercamps/getting-started/attend-a-camp>

Registration for CyberCamps is at the discretion of the organization hosting the camp. Some camp hosts will share their registration information with CyberPatriot to post to our website, while others will choose not to share the information.



National Cyber Scholarship Competition

Did you know that all students on Platinum tier teams automatically qualify for the National Cyber Scholarship Competition? This puts high school Junior and Senior CyberPatriot students in a position to win a \$2,500 college scholarship! Look at the CyberPatriot standings for the 2021 competition.

25X25

National Cyber Scholarship

Identifying, nurturing and empowering the next generation of cybersecurity experts

ncsf.site/impact21



32,000

students discovered their talent



4,800

high schools & colleges engaged



600+

scholarship recipients



\$4 million

scholarships & training awarded

Working in partnership with CyberPatriot to support the entry of thousands of talented students into cybersecurity careers via discovery, inspiration, scholarships and world-class training

CyberPatriot Semifinalists

617

Semifinalists qualified via several partner programs

- 558 Semifinalists qualified via CyberPatriot
- A further 59 students qualified via CyberPatriot alongside another route (CyberStart America or picoCTF)

CyberPatriot Finalists

336

Finalists each win access to training worth \$3000

- 145 Finalists qualified via CyberPatriot
- In total, 336 Finalists (39%) stated that they took part in CyberPatriot, many alongside CyberStart America or picoCTF
- Over \$1 million of advanced cybersecurity training awarded

CyberPatriot Scholars

230

Scholars each win a minimum \$2500 college scholarship

- 106 Scholars qualified via CyberPatriot
- In total, 230 Scholars (27%) stated that they took part in CyberPatriot, many alongside CyberStart America or picoCTF
- \$580,500 in college scholarships awarded

11 of the top 30 Scholars had also competed in CyberPatriot!



The National Cyber Scholarship Competition was incredible. The challenges were definitely tough, but that is what I love about cybersecurity. I learned so much through the hard challenges and had the best time solving them. I can't wait for next year's program to start!

Maeve, Bishop Ireton High School, VA



The two programs paired together well to show both sides of the cybersecurity arms race. CyberPatriot showed me the tools and policies used to protect systems, and CyberStart America showed me their weaknesses and their importance.

Max, Oak Park High, CA

In partnership with CyberPatriot



CyberPatriot Shoutout

Looking for more CyberPatriot news? Check out the Medina Valley High School's [Bits and Bytes](#) cyber newsletter.



In Volume 4 Issue 2, you will find articles about what the Medina Valley High School CyberPatriot team is up to this season, the current cybersecurity news about the Florida water treatment plant attack, and cryptographic puzzles to solve.

CyberPatriot & The News

[Efren Zamaro Selected As SynED's Cyber Hero for Drive, Passion, and Curiosity at an Early Age](#)

Zamaro's journey into cybersecurity started accidentally just a few years ago. He was in his junior year at Valley View High School in Moreno Valley, California, and looking for a course to fill a free period in his schedule. He chose a CyberPatriot course on a whim and found that it appealed to the analytical skills that drove him to his original career interest in finance and his experience working with computers.

[LT's CyberPatriots named scholars in nationwide competition](#) | By Suzanne Anderson

Two Lyons Township High School CyberPatriot Club seniors Daniel Babnigg, of Countryside, and Ian Doherty, of LaGrange, were named Scholars in the 2021 National Cyber Scholarship Competition, a rigorous 48-hour online competition sponsored by the National Cyber Scholarship Foundation (NCSF). The award includes a \$2,500 scholarship to the college of their choice and an invitation to participate in the Cyber Foundations Academy –a multi-week online program–valued at more than \$3,000.

[CWDHS students reach national finals in cybersecurity competition](#) | By Curtis Gordon

CENTRE WELLINGTON – Two teams of students from Centre Wellington District High School (CWDHS) have advanced to the national finals of the 2021 CyberTitan IV National Finals, a virtual cybersecurity competition.