



ISSUE | MAR  
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# THE CYBERSENTINEL

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

## The National Finals Competition Special Edition

### COMMISSIONER'S CACHE



And the big buildup to our National Finals Competition has begun. If your team is one of the 28 who has earned your way to Baltimore, congratulations! CP-X has been more rigorous than any in our history, so fighting your way through a 5,000+ team field takes on even more significance than in seasons past. I look forward to personally greeting you and in hosting you for what we hope is a life-changing week.

For those who came oh-so-painfully close, I wish we could expand the number of teams to include you, but sadly that is not possible. But in our justified enthusiasm to host another outstanding championship, let's not lose sight of our real purpose with CyberPatriot. In the final analysis, our program is delighted to award medals and scholarships.

But even if your team won't be in Baltimore, you can win at the core function of CyberPatriot by pursuing advanced education in cybersecurity and in STEM. There can be no greater "winning" than having a rewarding career in defending our networks from those who would do us harm. Our generous sponsors, led by Northrop Grumman Foundation, hope you will consider that. And so do I.

Bernard K. Skoch | CyberPatriot National Commissioner



### DATES TO KNOW

APR. 1	CP-XI Registration Opens
APR. 16-18	National Finals Competition (Baltimore, Md.)
APR. 28	Centers of Excellence Competition (COEs only)
MAY 1	AFA CyberCamp Host
	Registration closes
JUL. 1	Last day for discounted CP-XI Registration (20% off)

FOLLOW THE EVENT ON SOCIAL MEDIA

## #CPXFINALS



## SEMIFINALS OVER — NATIONAL FINALISTS GEAR UP FOR BALTIMORE

From its start on Feb. 9, the CyberPatriot X Semifinals was an exceptionally tough round. Though some teams scored quickly at first, the scoring gradually slowed to a snail's pace by the third hour of the competition. That trend continued throughout the weekend. The Platinum Tier worked on four images, and for the first time since the Practice Round teams were assigned Ubuntu 16 and Server 2016 images.

The Semifinals ended with the 28 top-scoring teams earning the title of National Finalist. For the complete list of National Finalist Teams, please see pages 2-6 or the CyberPatriot website at <http://uscyberpatriot.org/Documents/Scores/National%20Finalists.pdf>

Now that the online season has ended, it is

worth mentioning that there were several firsts during this season -- 64-bit host operating systems were required, the building block approach to images connected image types from round-to-round, and four Platinum Tier images in the Semifinals.

The National Finals Competition will take place in Baltimore, Md., April 16-18. The National Finalists will arrive at the Hyatt Regency Hotel on or before April 15. Teams require much preparation for the competition because the challenges are new or more difficult.

April 16 begins the competition with the Facebook Challenge, which consists of a multiple choice test and a hands-on activity. April 17 has two challenges scheduled. Each is more

difficult than during the online rounds.

The Network Security Master Challenge will present teams with eight system images which they are to protect, but the challenge includes a Red Team of industry penetration testers who will actively probe and attack the teams' defenses. The AT&T Mobile Device Component of the challenge requires the teams to use iPads to conduct network activities. The Cisco Networking Challenge consists of a quiz and a hands-on exercise that involves physical cabling.

The CyberPatriot National Champions will be announced at the Awards Banquet on April 18. Check the next edition of *The CyberSentinel* for the winners.

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# CYBERPATRIOT X

## NATIONAL FINALS COMPETITION

BALTIMORE, MD | APRIL 16-18



Sunday, April 15  
Teams Arrive

Monday, April 16  
Facebook Challenge

Tuesday, April 17

Network Security Master Challenge  
[with AT&T Mobile Device Component]  
Cisco Networking Challenge

Wednesday, April 18  
National Finals Awards Banquet

## MEET THE CP-X NATIONAL FINALIST TEAMS

## OPEN DIVISION



### DEL NORTE HIGH SCHOOL

### CyberAegis Canis Major

**Coach:** Paul Johnson  
**Team:** Akul Arora  
Alex Guo  
Andrew Wang  
Daniel Chen  
Eric Chen  
Pranav Patil



San Diego, CA



### DEL NORTE HIGH SCHOOL

### CyberAegis Cassiopeia

**Coach:** Paul Johnson  
**Team:** Cynthia Li  
Emily Park  
Hannah Zheng  
Lucy Gao  
Shruti Verma  
Cynthia Zhang



San Diego, CA



### DEL NORTE HIGH SCHOOL

### CyberAegis Orion

**Coach:** Paul Johnson  
**Team:** Aaron Li  
Alan Wang  
Arjun Ghoshal  
Justin Lin  
Phoenix Dimagiba



San Diego, CA



### HIGHLANDS RANCH HIGH SCHOOL

### Control Alt Falcons

**Coach:** Nicky DeBolt  
**Team:** Melanie Pierce  
Jacques Steyn  
Mason Newman  
Brenner Dugan  
Andreas Brecl  
Nate Hersher



Highlands Ranch, CO



OPEN DIVISION



HIGHLANDS RANCH HIGH SCHOOL

Falcon Transfer Protocol

**Coach:** Nicky DeBolt  
**Team:** Devin Sharpe  
Grayson Northrip  
William Gray  
Matt Liss  
Austin Grandpre  
Bennett Atencio



Highlands Ranch, CO



HIGHLANDS RANCH HIGH SCHOOL

Falcon.zip

**Coach:** Nicky DeBolt  
**Team:** Katherine Rocha  
Stephanie Schubert  
Kaylee Kirkwood  
Kelsi Keys  
Sara Navidi  
Lauren Lee



Highlands Ranch, CO



LOYOLA BLAKEFIELD

Team Dorado

**Coach:** Steve Morrill  
**Team:** Greg Peterson  
Chris Ptak  
Michael Chaney  
Nick Kristy  
Drew Haiber  
Manny Spannos



Towson, MD



NORTH HOLLYWOOD HIGH SCHOOL

Balto

**Coach:** Jay Gehringer  
**Team:** DoHyun Cheon  
Alexander Ke  
Lyna Kim  
Richard Shuai  
Eugene Woo



North Hollywood, CA



NORTH HOLLYWOOD HIGH SCHOOL

Togo

**Coach:** Jay Gehringer  
**Team:** Jonathan Liu  
Aled Cuda  
Nikola Pratte  
Kyle Gusdorf  
Jaren Mendelsohn  
Sophia Hewitt



North Hollywood, CA



NORTH HOLLYWOOD HIGH SCHOOL

Truman

**Coach:** Jay Gehringer  
**Team:** Aaron Opell  
Glen Husman  
Bryan Goldenberg  
Nathan White  
Jillian Kusch



North Hollywood, CA

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# OPEN DIVISION

# ALL SERVICE DIVISION



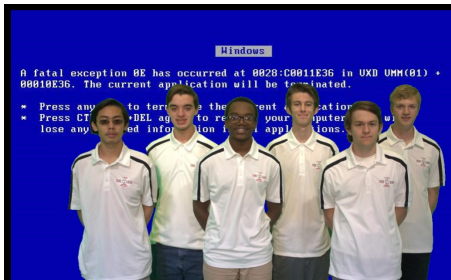
## TROY HIGH SCHOOL

## InSecT DesTROyErs

**Coach:** Allen Stubblefield  
**Team:** Jared Flores  
 Jennifer Ho  
 Kanin Liang  
 Jiera Sirivatanarat  
 Yoon Kang  
 Minh Nguyen



Fullerton, CA



## TROY HIGH SCHOOL

## Troy Tech Support

**Coach:** Allen Stubblefield  
**Team:** Jarred Allen  
 Ahmed Abdalla  
 Brandon Tetley  
 Christos Bakis  
 Jonathan Chen  
 Steven Fosmark



Fullerton, CA



## ALAN B. SHEPARD HIGH SCHOOL

## Dark Horse

**Coach:** Dan Johnson  
**Team:** Jacob Kalabich  
 Andrew Kuntz  
 Josh Nolan  
 Nick Smeraldo  
 Ryan Smith



Palos Heights, IL



## SCRIPPS RANCH HIGH SCHOOL

## BitFalcon

**Coach:** Michael Sheldon  
**Team:** Shane Donahue  
 Valerie Ho  
 Jackwin Hui  
 Brandon Nguyen  
 Melba Nuzen  
 Alexander Roh



San Diego, CA



## ALAMO HEIGHTS HIGH SCHOOL

## Golden Mules

**Coach:** Jasper Miller  
**Team:** Abigail Zepeda  
 Jana Hendricks  
 Sasha Rukhina  
 Dayana Castro  
 Troy Whitney  
 Jack Harrell



San Antonio, TX



## LEILEHUA HIGH SCHOOL

## Mules

**Coach:** Nick Spiridigliozzi  
**Team:** Jacob Huerta  
 Jarod Olive-Stalling, Jr.  
 Tyler McWilliams  
 Michael Compton  
 Christian Villarreal  
 Daniel Brink



Wahiawa, HI



ALL SERVICE DIVISION



MARINE MILITARY ACADEMY

Devil Dogs

**Coach:** Bill Hinkle  
**Team:** Charles Bass  
 Giancarlo Betti Hernandez  
 Hans English  
 Yu Khew  
 Zihao Liu  
 Cameron Potts



Harlingen, TX



MONTACHUSSETT REGIONAL VOCATIONAL TECHICAL SCHOOL

Teufel hunden

**Coach:** Paul Jornet  
**Team:** Eathan Lauricella  
 Luc Jourdain  
 Tristan Blair  
 Damian Sutton  
 Tyler Coolidge



Fitchburg, MA



TROY HIGH SCHOOL

Cyber Warriors 0

**Coach:** Allen Stubblefield  
**Team:** Charissa Kim  
 Nicole Wong  
 David Lee  
 Brandon Shin  
 Ha Young Kong  
 Silas Shen



Fullerton, CA



TROY HIGH SCHOOL

CADv2.0

**Coach:** Allen Stubblefield  
**Team:** Joseph Xu  
 Clement Chen  
 Jimmy Li  
 Lavanaya Garg  
 Alicia Wang  
 Johanna Liang



Fullerton, CA



COLORADO SPRINGS CADET SQUADRON

Wolfpack

**Coach:** Bill Blatchley  
**Team:** Taylor Coffey  
 Noah Bowe  
 Zach Cramer  
 Isaac Stone  
 Lexy Belmontes  
 Natasha Geissler



Colorado Springs, CO



FULLERTON COMPOSITE SQUADRON 56

Imperium

**Coach:** Brian Vu  
**Team:** Katie Cardella  
 Thomas Hoang  
 Stella Hong  
 Chaeun Kim  
 Kayla Kim  
 Esther Kwon



Fullerton, CA

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# ALL SERVICE DIVISION



## FULLERTON COMPOSITE SQUADRON 56

Invitca

**Coach:** Juan Ordaz  
**Team:** Daniel Hayase  
 Andrew Ordaz  
 John Garcia  
 Austin Ahn  
 Simon Kang  
 Jesse James



Fullerton, CA



## SACRAMENTO DIVISION US NAVAL SEA CADETS

Spartans

**Coach:** Shirley Yang  
**Team:** Jeff Huang  
 Evan Huang  
 Connor Yang  
 Hannah Han  
 Emily Foreman  
 William Smith



Sacramento, CA



## SAN DIEGO REGIONAL US NAVAL SEA CADETS

California Burrito

**Coach:** Tim Householder  
**Team:** Maya Morales  
 Jonathan Truong  
 Cameron Lu  
 Nicholas Morales  
 Caleb Farralles



San Diego, CA

# MIDDLE SCHOOL DIVISION



## Ladera Vista Junior High

CaSH Register

**Coach:** Sarah Lee  
**Team:** Garret Fan  
 Timothy Kim  
 Justin Huang  
 Zachary Dang  
 Nathaniel Hernandez  
 Justin Hernandez



Fullerton, CA



## OAK VALLEY MIDDLE SCHOOL

CyberAegis Cancer Minor

**Coach:** Paul Johnson  
**Team:** Kevin Hu  
 Bryant Jin  
 Devam Shrivastava  
 Gautam Gupta  
 Jeffrey Sheng  
 Jonathan Lin



San Diego, CA



## OAK VALLEY MIDDLE SCHOOL

CyberAegis Scorio

**Coach:** Paul Johnson  
**Team:** Akshay Rohatgi  
 Andrew Pu  
 Kian Kishimoto  
 Michael Chen  
 Tanay Shah  
 Vihan Jayaraman



San Diego, CA



# CYBERPATRIOT XI

JOIN THE NATION'S LARGEST YOUTH CYBER DEFENSE COMPETITION!

REGISTRATION FOR THE 2018-2019 SEASON OPENS APRIL 1, 2018

BECOME A COACH FOR CP-XI || BECOME A MENTOR FOR CP-XI

## Air Force Association CYBERCAMPS 2018

Standard Camps &  
Advanced Camps

Register before May 1 to  
host a camp this summer!



### Coaches' Corner

- **CyberPatriot XI Registration.** Don't delay! Team registration for the upcoming season of competition (CyberPatriot XI) is opening on April 1! 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-X are listed below:

Open Division: \$205 per team\*  
Middle School: \$165 per team\*  
All Service Division: Waived

Title I Schools: Waived\*\*  
All-Girls Teams: Waived \*\*

- \* Register before July 1 for 20% discount
- \*\* Must request fee waiver on dashboard

## CYBERPATRIOT COMPETITOR ACCEPTED TO USAFA

CyberPatriot competitor Caleb Michael Brady was recently notified by the United States Air Force Academy that he has been accepted into the class of 2022.

Brady will begin his cadet Basic Training in late June of this summer and then join the entire cadre of the Air Force Academy in August with his summer classmates and the other 3,000 upper classmen for their upcoming academic year.

Brady is a senior at Greeneville

High School where he has led in the JROTC program and recently was the squadron commander. He has earned numerous awards in JROTC including the Kitty Hawk Air Force Honors Society Award, and the Community Service with Excellence National Award, among many other honors. He has been very active in the "Wreaths across America" program.

He has been the Color Guard commander and a member of the Honor Guard, Drill Team, and Canon Crew. He has also been the Plans and Programs officer in JROTC. He has been an active member of the CyberPatriot program, and the Drone crew of his high school.

Brady carries a GPA of around 4.0, and he has earned numerous Academic Awards for Highest Class Average. He earned the rank of Eagle Scout in the Boy Scouts of America before he was 15 years old while he lived in Farmington. The example and encouragement of Les Huston, Ken Kelley and Les Huston II and his other Scout leaders were instrumental in Caleb achieving his Eagle Scout rank. Caleb also aided other Scout programs in Tennessee after his national certification and ceremony.

Brady is from a strong military oriented family. His father was born overseas on a U.S. Air Force Base in Hahn, Germany. His paternal grandmother and grandfather both served in the U.S. Air Force during the Korean Conflict. He is the 8th born among nine children. Two of his siblings went to West Point, and his oldest brother is a Green Beret captain in the Army Special Forces. His oldest sister served an internship as a Navy JAG prior to becoming a Fifth Circuit's Judge's clerk. His third oldest sister's husband is soon to become a Marine JAG. His next oldest brother graduates in May from Mizzou and commissions as a second lieutenant prior to his flight school training as a Marine aviator. His grandfather served 24 years in the Air Force as a fighter pilot and instructor prior to his retirement as a lieutenant colonel.

Brady plans to pursue a degree in Cyber Security at the Air Force Academy which he, in turn, will use to serve his country's defense.

Source: <http://dailyjournalonline.com/news/local/>



## CYBERPARTNER: ICF



We are pleased to announce the addition of ICF as CyberPatriot's newest CyberPartner.

ICF is a global consulting services company with over 5,000 specialized experts. At ICF, business analysts and policy specialists work together with digital strategists, data scientists and creatives.

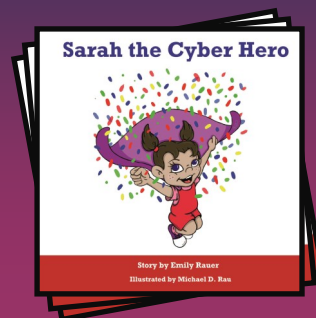
The company combines unmatched industry expertise with cutting-edge engagement capabilities to help organizations solve their most complex challenges. Since 1969, public and private sector clients have worked with ICF to navigate change and shape the future.

For more information on ICF, visit. [www.icf.com](http://www.icf.com).

## SARAH THE CYBER HERO

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