



AIR & SPACE FORCES ASSOCIATION'S NATIONAL YOUTH CYBER DEFENSE COMPETITION



# CYBERPATRIOT



MARCH 18-20, 2023





## ABOUT THE AIR & SPACE FORCES ASSOCIATION

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Founded as the Air Force Association in 1946, AFA became the Air & Space Forces Association in 2022, representing both the Air Force and the Space Force. Headquartered in Arlington, Va., AFA represents more than 106,000 members, distributed among 180 chapters in the U.S. and overseas. AFA founded CyberPatriot, as a means of inspiring students about science, technology, engineering, and mathematics (STEM) education. By supporting STEM education, AFA seeks to develop a stronger, more competitive workforce for the benefit of the nation.

***Our mission is to promote dominant U.S. Air and Space Forces as the foundation of a strong National Defense; to honor and support our Airmen, Guardians, and their Families; and to remember and respect our enduring Heritage.***

To accomplish this, we:

**EDUCATE** the public on the critical need for unrivaled aerospace power and promote aerospace and STEM education for a technically superior and professional workforce to ensure national security;

**ADVOCATE** and promote aerospace power to favorably shape policy and resourcing decisions to guarantee the strongest aerospace forces in the world;

**SUPPORT** Airmen, Guardians and the families of the Total Air Force and Space Force including Active Duty, Guard, and Reserve, civilians, Families, and members of the Civil Air Patrol.

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AFA is a 501(c)(3) independent, nonpartisan, nonprofit educational organization, to which all donations are tax deductible. With your help we will be able to expand our programs and their impact. We need your support and ongoing financial commitment to realize our goals.

Learn more about AFA by visiting [www.afa.org](http://www.afa.org)

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# SCHEDULE OF EVENTS



Time	Activity	Who	Location
<b>Saturday, March 18, 2023</b>			
10:00 – 10:30 AM	Opening Ceremony	All Divisions	Grand Ballroom D
10:30 AM – 12:00 PM	Competition Orientation	All Divisions	Grand Ballroom D
1:00 – 2:30 PM	System Familiarization	Open & Middle School Divisions	Grand Ballroom E-H
3:30 – 5:00 PM	System Familiarization	All Service Division	Grand Ballroom E-H
5:15 – 6:30 PM	TCP/IP and Competitors' Event	All Divisions	Grand Ballroom D
<b>Sunday, March 19, 2023</b>			
7:30 – 11:00 AM	Network Security Master Challenge	Open & Middle School Divisions	Grand Ballroom E-H
12:30 – 4:00 PM	Network Security Master Challenge	All Service Division	Grand Ballroom E-H
5:00 – 6:30 PM	Cisco NetAcad Challenge & Boeing Cyber-Physical Systems Challenge	Open & Middle School Divisions	Grand Ballroom E-H
7:30 – 9:00 PM	Cisco NetAcad Challenge & Boeing Cyber-Physical Systems Challenge	All Service Division	Grand Ballroom E-H
<b>Monday, March 20, 2023</b>			
6:30 PM	CyberPatriot National Finals Competition Awards Banquet	All Divisions	Grand Ballroom



Congratulations to the  
**CyberPatriot** National Finalists  
who are **Defining Possible** every day.

# CYBERPATRIOT

## THE NATIONAL YOUTH CYBER DEFENSE COMPETITION

The CyberPatriot XV season began in October 2022 with 5,266 registered teams across the country and around the globe. Through a series of online competition rounds, teams were tested on their ability to find and fix cybersecurity vulnerabilities in virtual operating systems, all while maintaining critical services.

After two challenging rounds of online competition, the Open and All Service Division teams were divided into three skill tiers. Teams scoring in the top 30% of teams were placed in the Platinum Tier, the middle 40% of teams in the Gold Tier, and the remaining 30% of teams in the Silver Tier. All teams then competed within their tiers for state awards and advancement to the Semifinals. In this final online round, Platinum Tier teams faced three challenges: the Network Security Master Challenge with the CyberPatriot Web-Based Component, the Cisco NetAcad Challenge, and the Boeing Cyber-Physical Systems Challenge.

After the Semifinal Round, twelve Platinum Tier Open Division teams, thirteen Platinum Tier All Service

Division teams (two from each category and one wildcard team), and three Middle School Division teams earned their spot in the National Finals Competition. At this event, these teams compete in the final round with hopes of earning top honors in their divisions. After three years of virtual and hybrid events, we are pleased to have a fully in-person event this year.

### The National Finals Competition - Teams and Challenges

The Blue Teams (Competitors) are the National Finalist teams and main players of the event. During the competition, each Blue Team oversees managing the IT infrastructure of a small company and must work to keep the Red Team from compromising their networks.

The Red Team (Attackers) conducts planned and controlled attacks on Blue Team systems during the Network Security Master Challenge. Red Team activity subjects the Blue Teams to real-world attacks that thwart



Outgoing AFA Chairman of the Board Gerald Murray, left, hands over the gavel to incoming AFA Chairman of the Board Bernie Skoch—former CyberPatriot National Commissioner.  
*Photo by Mike Tsukamoto/Air & Space Forces Magazine*



efforts to implement security, meet best practices, and maintain services in a timely and efficient manner.

The Green Team (Referees) monitors the performance and conduct of the Blue Teams. They ensure that the competition is run fairly and in compliance with the rules outlined in the official competition rules book.

The White Team (Competition System Administrators) conducts the Network Security Master Challenge and CyberPatriot Web-Based Component, and manages competition scenarios and injects. This team ensures that each Blue Team is monitored, supported, and scored within the rules of the competition.

During the Network Security Master Challenge, teams are provided with multiple virtual operating systems (also known as “images”). Each team serves as administrators for a small business, working to find and fix vulnerabilities, maintain critical services, resolve injects, and defend against hostile Red Team attackers.

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 hands-on exercise.

In the Boeing Cyber-Physical Systems 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.

## Beyond the Competition

In addition to our National Youth Cyber Defense Competition, CyberPatriot also manages a robust AFA CyberCamp program, an Elementary School Cyber Education Initiative (ESCEI), a Cyber Education Literature Series, a Tech Caregiver Program, CyberGenerations – an initiative for senior citizens, and a CyberPatriot Alumni Network.

Held during the summer months, AFA CyberCamps emphasize fun, hands-on learning of cybersecurity principles that are relevant and applicable to everyday life. Through camps, organizations deliver AFA-provided curriculum to 6-12th grade students eager to learn the importance of cyber safety and how to protect their personal devices and information from outside threats.

Any school, university, or organization is invited to host a camp in their communities. Standard CyberCamps teach beginner students the basics of cybersecurity, while Advanced CyberCamps incorporate more complex concepts geared towards students who have previously participated in a camp or the cyber defense competition. The 20-hour curriculum for either camp type is taught over five days, with the fifth day serving as a competition day that simulates the larger National Youth Cyber Defense Competition.

The CyberPatriot Elementary School Cyber Education Initiative (ESCEI) is a set of three interactive learning modules aimed at increasing the awareness of online safety and cybersecurity principles for K-6th grade

students. The modules, which are available for download at no cost, can be presented in a classroom setting or at home. Supplemental activities are also available.

The Cyber Education Literature series was developed with the goal of introducing cybersecurity awareness to young children. There are two books in the series – *Sarah the Cyber Hero* and *Ben the Cyber Defender*. Digital and hard-copy books are available for purchase on Amazon and BookBaby.com.

CyberGenerations, the Senior Citizen's Cyber Safety Initiative, teaches older individuals about password hygiene, malware and ransomware, marketing and fraud scams, and social media awareness. More importantly, CyberGenerations offers resources to victims of cyber scams. The program is free of charge and can be completed individually as a self-paced course, or it can be presented as a workshop (with the help of tech-savvy volunteers) in a group setting.

Tech Caregivers is a supporting program to CyberGenerations in which student and adult volunteers (ages 14+) can become certified to teach basic cybersecurity measures to senior citizens in a way that is easy to understand. The goal of this program is to encourage our young cyber defenders to give back to their local communities by helping older populations become confident and knowledgeable in protecting themselves against the cyber threats and scams they are so often a target of.

Launched in the fall of 2022, the CyberPatriot Alumni Network, is a private LinkedIn group designed to allow CyberPatriot to connect with competition alumni who have graduated from high school. It's a place where program sponsors and supporters can share networking opportunities, job postings, and internship opportunities, scholarships, volunteer opportunities, and resume building tools.



## CyberPatriot Cyber All-American

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
2022	Emily Foreman	US Naval Sea Cadet Corps Sacramento Division
2022	Kevin Hu	Del Norte High School
2022	Emily Kelso	US Naval Sea Cadet Corps Sacramento Division
2022	Darius Kianersi	Thomas Jefferson High School for Science & Technology
2022	Tristan Lee	Theodore Roosevelt High School
2022	Darin Mao	Thomas Jefferson High School for Science & Technology
2022	Tanay Shah	Del Norte High School
2022	William Smith	US Naval Sea Cadet Corps Sacramento Division

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



**Chan Chung**  
Troy High School



**Akhil Guntur**  
Del Norte High School



**Jonathan Lin**  
Del Norte High School



**Brian Ni**  
Troy High School

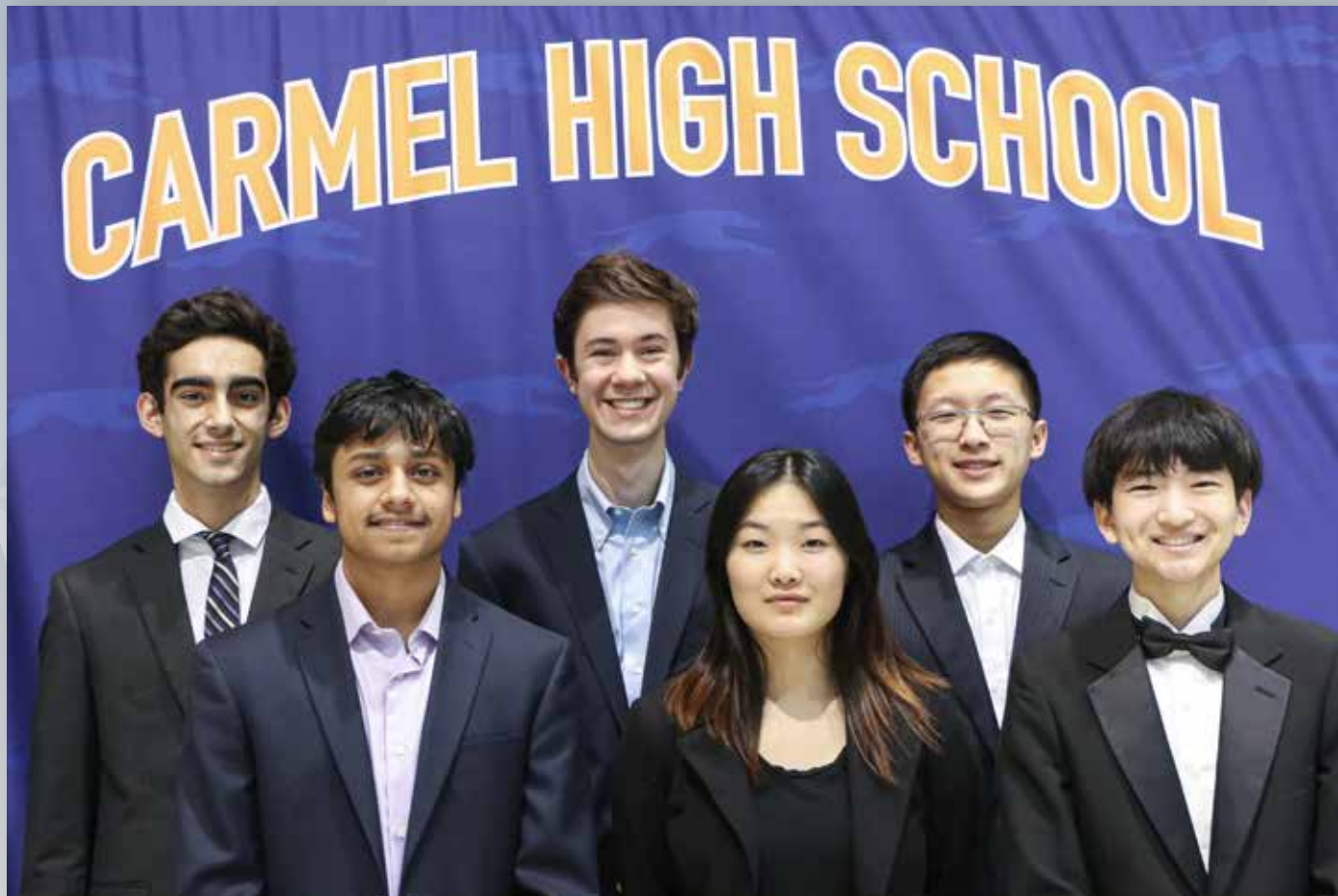


**Akshay Rohatgi**  
Del Norte High School



**Alvin Zheng**  
Del Norte High School

# OPEN DIVISION



**Team Name:** c¥b3rh0u#d5

**School/Institution:** Carmel High School

**Location:** Carmel, IN



CyberPatriot provides competitors simulations in the field of cybersecurity. It's an honor to represent the Midwest in this high stakes' competition. This team has gained integral tools in communication, collaboration, leadership, and professional skills.

—Carey Anderson



## TEAM MEMBERS:

**David Racovan** – 11th Grade (*Team Captain*)  
Career Aspiration: Software Engineer

**Michael Bao** – 10th Grade  
Career Aspiration: Software Developer

**Sid Songirkar** – 11th Grade  
Career Aspiration: Security Solutions Architect

**John Thomas** – 12th Grade  
Career Aspiration: Software Developer

**Haiyan Xuan** – 11th Grade  
Career Aspiration: Software Developer or Cybersecurity Engineer

**Sandra Yang** – 11th Grade  
Career Aspiration: Quantitative Developer

# OPEN DIVISION



## Team Name: CyberAegis Drift

School/Institution: Del Norte High School

Location: San Diego, CA

CyberPatriot inspired students to learn about cybersecurity, gave them the opportunity to learn how information flows through a network and how to secure the network. CyberPatriot develops a combination of career-oriented skills through introducing highly-advanced technical skills and placing students in a competitive environment which enhances their ability to work with peers. The skills students develop not only prepare them for college, but also give them an opportunity to discover the opportunities of a career in cybersecurity—a significant, yet largely underdeveloped field set to dominate the future. The relationships built as competitors stand out as invaluable.



—Paul Johnson

### TEAM MEMBERS:

Aarav Arora - 11th Grade (*Team Captain*)  
Career Aspiration: Data Scientist

Akhil Guntur - 12th Grade  
Career Aspiration: Indie Game Developer

Jonathan Lin - 12th Grade  
Career Aspiration: Security Researcher

Raadwan Masum - 12th Grade  
Career Aspiration: Computer Scientist

Vardaan Sinha - 11th Grade  
Career Aspiration: Cybersecurity Specialist

Lily Wu - 11th Grade  
Career Aspiration: Cybersecurity Architect

# OPEN DIVISION



## Team Name: CyberAegis Tempest

School/Institution: Del Norte High School

Location: San Diego, CA

“ CyberPatriot has opened up many opportunities and allowed students to make lifelong friends with similar interests. Cybersecurity has become more important than ever as cyberspace has encompassed every aspect of our lives. CyberPatriot is an excellent program that introduces students to skills essential for combating cyber threats. It also helped students develop sportsmanship, teamwork, leadership, perseverance, and other valuable skills vital to success. CyberPatriot has given students the confidence to explore cyber-related opportunities, understand how they can truly make an impact in the industry and it provides the essential skills necessary to enter any computing or engineering related fields.



—Paul Johnson

### TEAM MEMBERS:

**Akshay Rohatgi** - 12th Grade (*Team Captain*)

Career Aspiration: Cybersecurity Engineer

**Alex Jiang** - 11th Grade

Career Aspiration: Pentester or Quantitative Analyst

**Rohan Juneja** - 11th Grade

Career Aspiration: Computer Scientist

**Safin Singh** - 11th Grade

Career Aspiration: Cybersecurity Specialist or AI Software Developer

**Ethan Zhao** - 10th Grade

Career Aspiration: Chief Cybersecurity Officer

**Alvin Zheng** - 12th Grade

Career Aspiration: Computer Engineer

# OPEN DIVISION



## Team Name: Pentabytes

School/Institution: Enochs High School

Location: Modesto, CA

“ CyberPatriot inspires students to excel at defensive cybersecurity and networking through a series of progressively more challenging competition rounds. The competition is excellent at providing students a platform to experiment and learn while receiving near-instant feedback on their successes or failures.

—Brad Cornwell



### TEAM MEMBERS:

**Brayden Borges** – 12th Grade (*Team Captain*)  
Career Aspiration: Offensive Security Engineer

**Noah Arnold** – 12th Grade  
Career Aspiration: Security Engineer

**Jonah McKinney** – 12th Grade  
Career Aspiration: Network Engineer

**Michael Morris** – 12th Grade  
Career Aspiration: Security Engineer

**Keziah Vibieda** – 12th Grade  
Career Aspiration: Security Engineer

# OPEN DIVISION



## Team Name: Shields Up!

School/Institution: Faith Lutheran High School

Location: Las Vegas, NV

This has been an awesome experience teaching and guiding these students into the world of defensive and offensive cyber skills. As malicious cyber activity against the U.S. homeland continues it is more important than ever to raise cyber awareness among our youth and prioritize cybersecurity education to protect our personal and national interests. These students do not live vicariously, they endeavor to learn and push themselves in a field that is critical to today's government, business, and financial infrastructure and I applaud them for doing their part in keeping the Shields Up!

—Jose Diaz



## TEAM MEMBERS:

**Lucas Bergman** - 12th Grade (*Team Captain*)

Career Aspiration: Penetration Tester

**JohnDavid Abe** - 10th Grade

Career Aspiration: Penetration Tester

**Luke Baker** - 11th Grade

Career Aspiration: Software Developer

**Luke Dembosky** - 11th Grade

Career Aspiration: Computer Hardware Engineer

**Mason DeVore** - 12th Grade

Career Aspiration: Game Developer

**Kayleigh Dowd** - 12th Grade

Career Aspiration: Computer Engineer

# OPEN DIVISION



## Team Name: Half Dome

School/Institution: Franklin High School

Location: Elk Grove, CA



This has been an amazing competition season. We lost a strong senior leader, and replaced him with an up-and-coming freshman, who has eagerly stepped into his role to learn the requirements of a national finalist team member. This team has spent an amazing amount of time preparing for CyberPatriot and 6 other national and regional competitions to enhance their skill set. We have received support from the local community who have provided mentors and financial support through fund raising. We are all grateful for another opportunity to perform at a high level and represent our community.



—Chris Shuping

### TEAM MEMBERS:

**Ethan Ho** - 11th Grade (*Team Captain*)  
Career Aspiration: Computer Scientist

**Joshua Fong** - 9th Grade  
Career Aspiration: Computer Scientist

**Jason Huang** - 12th Grade  
Career Aspiration: Flight Controller

**Kevin Lu** - 12th Grade  
Career Aspiration: Software Engineer

**Pratham Rangwala** - 10th Grade  
Career Aspiration: Undecided

**Priyam Rangwala** - 10th Grade  
Career Aspiration: Undecided

# OPEN DIVISION



**Team Name: GJD^3**

School/Institution: Grandview High School

Location: Aurora, CO



As a coach, there's nothing more thrilling than watching students in action during a CyberPatriot competition. Their creativity, critical thinking skills, and problem-solving abilities are truly inspiring. It's amazing to see their growth and confidence soar as they tackle complex cybersecurity challenges. Join the CyberPatriot community at your school and experience the excitement of student achievement first-hand!

—Kyler Barker



## TEAM MEMBERS:

**Grant Yoder** - 11th Grade (*Team Captain*)  
Career Aspiration: Incident Response Specialist

**Daniel Park** - 11th Grade  
Career Aspiration: Network Architect

**Jack Post** - 10th Grade  
Career Aspiration: Mechanical Engineer

**Dhiren Rao** - 11th Grade  
Career Aspiration: Data Scientist

**Daniel Sobczak** - 12th Grade  
Career Aspiration: Penetration Tester

# OPEN DIVISION



## Team Name: File Transfer Protocol

School/Institution: Highlands Ranch High School

Location: Highlands Ranch, CO



As a CyberPatriot coach, I see first hand the vital role that this cyber education program plays in safeguarding our nation. As threat actors become more sophisticated in their attacks, the need for expert guidance and support become more critical. By empowering our youth with the knowledge, skills, and mindset to protect our systems, we can create a generation of cyber resilience.

—Nicky DeBolt



### TEAM MEMBERS:

**Sarah Davis** – 12th Grade (*Team Captain*)  
Career Aspiration: Cybersecurity Analyst

**Jessica Canaday** – 11th Grade  
Career Aspiration: Cybersecurity Technician

**Deven Chen** – 12th Grade  
Career Aspiration: Digital Forensics

**Charlie Linville** – 11th Grade  
Career Aspiration: Principal Software Engineer

**Eli Schneckloth** – 12th Grade  
Career Aspiration: CEO

**Rita Smith** – 12th Grade  
Career Aspiration: Computer Programmer

# OPEN DIVISION



**Team Name:** ballen

School/Institution: Olathe Northwest High School

Location: Olathe, KS



CyberPatriot has provided students with invaluable technological, professional, and personal skills. It has been both the starting point, and the reason for, students' appetite to learn the importance of cybersecurity. It has provided a solid foundation with which to pursue future challenges and careers in technology and cybersecurity.

—Jennifer O’Gorman



## TEAM MEMBERS:

**Grant Shanklin** – 12th Grade (*Team Captain*)  
Career Aspiration: Cybersecurity Public Policy

**Kyle Fleming** – 12th Grade  
Career Aspiration: Cybersecurity Analyst

**Blake Pennel** – 11th Grade  
Career Aspiration: Security Automation Engineer

**Alex Rawson** – 12th Grade  
Career Aspiration: Network Security Analyst

**Joe Roth** – 11th Grade  
Career Aspiration: Software Developer

**Kyler Russell** – 11th Grade  
Career Aspiration: Network Engineer

# OPEN DIVISION



**Team Name: Syntax Error**  
School/Institution: Sisler High School  
Location: Winnipeg, MB

“ CyberPatriot’s National Youth Cyber Education Program provides students from Grades 9 through 12 the opportunity to expand their cyber security skillsets, understand the importance of teamwork and ultimately test those skills against thousands of teams across the globe. Students learn through accessing a host of online resources, including a leading edge virtual training environment, which challenges and motivates them to solve real-world problems, exposes them to a variety of relevant technologies and provides the skills necessary to succeed within an ever-changing workforce.

—Robert Esposito



## TEAM MEMBERS:

**Syrus Neil-McSwain** – 12th Grade (*Team Captain*)  
Career Aspiration: Information Security Consultant

**Clyde Alvarez** – 12th Grade  
Career Aspiration: Network Architect or Security Analyst

**Erik Easter** – 11th Grade  
Career Aspiration: Data Scientist

**Elwood Innis** – 11th Grade  
Career Aspiration: System or Network Administrator

**Dilpreet Kalsi** – 12th Grade  
Career Aspiration: Computer Programmer

**Jordan Walls** – 12th Grade  
Career Aspiration: Network Security Engineer

# OPEN DIVISION



## Team Name: Baboons Together Strong

School/Institution: Troy High School  
Location: Fullerton, CA

Participating in CyberPatriot not only gives high school and middle school students the opportunity to apply their cybersecurity knowledge in real-world scenarios, but it also helps them develop critical thinking, problem-solving, and teamwork skills, which are essential for preparing students for future careers in cybersecurity and other STEM-related fields. Furthermore, CyberPatriot provides an enjoyable and engaging way for students to learn about cybersecurity and become passionate about this growing field.



—David Kim

### TEAM MEMBERS:

**Taiyu Chen** – 11th Grade (*Team Captain*)  
Career Aspiration: Cybersecurity Analyst

**Max Chen** – 12th Grade  
Career Aspiration: Software Developer

**Kile Hsu** – 12th Grade  
Career Aspiration: Software Developer

**Derek Peng** – 10th Grade  
Career Aspiration: CyberPatriot Literature Series Author

**Nick Rowe** – 12th Grade  
Career Aspiration: Cybersecurity Consultant

**Jaden Wijata** – 11th Grade  
Career Aspiration: Penetration & Vulnerability Tester

# OPEN DIVISION



## Team Name: Lone Star Company NJROTC + Moey

School/Institution: Vista Ridge High School

Location: Cedar Park, TX



The CyberPatriot competition fosters opportunities for teamwork, constructive learning and engagement in a collaborative environment that makes cybersecurity fun for this team and the team members, which drives their success. Cyberpatriot inspires our next generation toward careers in cybersecurity or other science, technology, engineering, and mathematics (STEM) fields that are critical to the future of our great nation.

—Chris Fletcher



### TEAM MEMBERS:

**Parker Knudson** – 12th Grade (*Team Captain*)  
Career Aspiration: Physics Engineer

**Sedi Azameti** – 11th Grade  
Career Aspiration: Cybersecurity Specialist

**Mohammad Jassim** – 12th Grade  
Career Aspiration: Red Teamer

**Ben Medina** – 12th Grade  
Career Aspiration: Cybersecurity Engineer

**Bryce Ritchie** – 10th Grade  
Career Aspiration: Intelligence Officer

# ALL SERVICE DIVISION



## Team Name: Team Alpha Knights

School/Institution: The King's Academy  
Location: Woodstock, GA

“WHATSOEVER YOU DO - DO IT ALL TO THE GLORY OF GOD...” OUR FATHER AND HIS SON JESUS CHRIST 1 Corinthians 10:31

Even in our CyberPatriot competitions, the cadets learn to do everything with integrity that is pleasing to the Lord. Even though the future is destined to be all cybertronic, our cadets will be better prepared and will all have solid faith-based goals placed as a priority to meet and enhance their futures in this cybertronic world.

—Robert Clements



### TEAM MEMBERS:

**Owen Summers** - 10th Grade (*Team Captain*)  
Career Aspiration: Military Pilot or System Analyst

**David Blackwell** - 12th Grade  
Career Aspiration: Computer Science Technician

**Wesley Blackwell** - 12th Grade  
Career Aspiration: Computer Science Technician

**Lucas Merrefield** - 12th Grade  
Career Aspiration: Cybersecurity Penetration Analyst

**Keaton Spellacy** - 9th Grade  
Career Aspiration: Cybersecurity Analyst

# ALL SERVICE DIVISION



**Team Name: TXPatriot | baits64==**  
School/Institution: Theodore Roosevelt High School  
Location: San Antonio, TX

CyberPatriot provides our youth not only with opportunities that may not otherwise be available but it provides valuable skills that can be used now and in their futures. They get the chance to work together as a team to solve problems. That alone is a super useful skill that can be used in or out of Cyber Security. The students also get to experience what career fields are offered in Cyber Security and that experience is invaluable. What makes it most important to me is opportunity. Opportunity provides the platform for students to succeed.

—Marchantia Johnson



## TEAM MEMBERS:

**Seyma Kilic** – 11th Grade (*Team Captain*)  
Career Aspiration: Cybersecurity Analyst

**Andrea Fabian Navarro** – 12th Grade  
Career Aspiration: Molecular Biologist

**Isabel Sanchez-Gonzalez** – 12th Grade  
Career Aspiration: Aerospace Engineer

**Tina Tse** – 10th Grade  
Career Aspiration: Author

**Brycen Walker** – 10th Grade  
Career Aspiration: Penetration Tester or Ethical Hacker

# ALL SERVICE DIVISION



## Team Name: Keyboard Kings

School/Institution: Chaparral High School  
Location: Temecula, CA



This team truly came together following our first CyberCamp, each with their own unique areas of expertise. Their hours of dedicated practice after school, and on weekends and holidays has brought them here, to compete among the finest teams, and further hone their skills. Truly an honor!

—Bill Lauper



### TEAM MEMBERS

**Riley Nolet** - 12th Grade (*Team Captain*)  
Career Aspiration: United States Cyber Command

**Manny Barrios** - 10th Grade  
Career Aspiration: Cyber Operations

**Ruby Choi** - 12th Grade  
Career Aspiration: Cisco Expert

**James Lauper** - 12th Grade  
Career Aspiration: Penetration Tester

**Jonen Ramos** - 11th Grade  
Career Aspiration: Computer Engineer

**Andrew Skallerud** - 12th Grade  
Career Aspiration: U.S. Navy Engineering Duty Officer

# ALL SERVICE DIVISION



## Team Name: Runtime Terror

School/Institution: Troy High School  
Location: Fullerton, CA

“ CyberPatriot gives the nation's youth a superb hands-on experience to the world of cybersecurity management. The competition encourages them to think like cybersecurity managers, considering their actions and the effects it may have on an operating environment. ALL students who compete learn skills that will make them indispensable in the workforce. Kudos to ALL finalists!

—John-Michael Linares



### TEAM MEMBERS:

**Brian Ni** - 12th Grade (*Team Captain*)  
Career Aspiration: Entrepreneur

**Chan Chung** - 12th Grade  
Career Aspiration: CyberPatriot Image Maker

**Johnny Ni** - 12th Grade  
Career Aspiration: Software Engineer

**Aaron Shan** - 10th Grade  
Career Aspiration: Economics Professor

**Anna Wu** - 11th Grade  
Career Aspiration: Chief Information Officer

**Victoria Yang** - 10th Grade  
Career Aspiration: Undecided

# ALL SERVICE DIVISION



**Team Name: C2**  
School/Institution: Allen High School  
Location: Allen, TX

“ CyberPatriot is a valuable program for our youth. It prepares them for a rewarding career securing our nation's infrastructure and protecting the critical national interests of the United States. Our youth are trained to think outside the box and develop a problem-solving mindset.

—Bruce Cole



## TEAM MEMBERS:

**Boden Chen** - 12th Grade (*Team Captain*)  
Career Aspiration: Computer Science Technician

**Anish Bisht** - 11th Grade  
Career Aspiration: Computer Science Technician

**Soochan Cho** - 11th Grade  
Career Aspiration: Computer Science Technician

**Onik Hoque** - 11th Grade  
Career Aspiration: Computer Science Technician

**Razeen Rahman** - 11th Grade  
Career Aspiration: Computer Science Technician

**Herish Tripathi** - 11th Grade  
Career Aspiration: Computer Science Technician

# ALL SERVICE DIVISION



## Team Name: Devil Dogs

School/Institution: Marine Military Academy  
Location: Harlingen, TX



CyberPatriot gives students a hands-on training in cyber security. Knowing about cyber security is half the battle. Learning about how vulnerable systems are, then knowing how to find them and fix it is part of the winning battle.

—Bill Beckman



### TEAM MEMBERS:

**Mako Smith** - 12th Grade (*Team Captain*)  
Career Aspiration: CIA Paramilitary Operations Officer

**Joshua Brylowski** - 11th Grade  
Career Aspiration: Psychopharmacologist

**Derek Divinia** - 9th Grade  
Career Aspiration: Electrical Engineer

**Dylan Divinia** - 11th Grade  
Career Aspiration: IT Architect

**Aleksei Stepanov** - 12th Grade  
Career Aspiration: Music Producer or DJ

# ALL SERVICE DIVISION



## Team Name: Komputer Kernels

School/Institution: Knob Noster High School  
Location: Knob Noster, MO

“ Participation in the CyberPatriot program pushes our cadets beyond what they thought was possible. CyberPatriot provides an environment which engages our cadets to create and hone critical thinking skills they will use for the rest of their lives. I've watched them run into brick walls, created by CyberPatriot, and then saw them go over, around, or sometimes even through those obstacles. Our AFJROTC Unit, TRIAD, stands for Tenacious, Resilient, Innovative, Ambitious, and Diverse. CyberPatriot experiences allowed our cadets to explore and build on each one of those five areas.

—Mark Talley



### TEAM MEMBERS:

**Nathan Wiltrot** – 11th Grade (*Team Captain*)  
Career Aspiration: Space Operations Officer

**Ethan Pruett** – 11th Grade  
Career Aspiration: Cybersecurity Consultant

**Vinny Reynolds** – 12th Grade  
Career Aspiration: Network Engineer

**Montana Richey** – 12th Grade  
Career Aspiration: Cybersecurity Architect

**Hunter Smith** – 9th Grade  
Career Aspiration: Software Developer

# ALL SERVICE DIVISION



**Team Name: Terabyte Falcons**  
School/Institution: Scripps Ranch High School  
Location: San Diego, CA

Through educating the next generation, CyberPatriot opens the way to posterity of security, both in-person and online. Under the banner of cybersecurity, forward to the final victory!

—Ferdinand Toledo



## TEAM MEMBERS:

**Nathan Min** – 12th Grade (*Team Captain*)  
Career Aspiration: Pathologist or Physician

**Veer Chopra** – 10th Grade  
Career Aspiration: Computer Engineer

**Anirudh Nayak** – 11th Grade  
Career Aspiration: Computer Engineer

**Janoj Rengaraj** – 11th Grade  
Career Aspiration: Computer Engineer

**Delbert Tran** – 10th Grade  
Career Aspiration: Computer Engineer

# ALL SERVICE DIVISION



**CIVIL AIR PATROL**  
U.S. AIR FORCE AUXILIARY

## Team Name: Boise Bees

School/Institution: Boise Composite Squadron

Location: Boise, ID



We cannot afford to ignore the importance of cyber security as a nation. CyberPatriot is the best way for our nation's youth to become educated in security and gain experience that will serve them well should they decide to pursue cyber security as a career. The skills my cadets have learned through CyberPatriot have helped them achieve good paying jobs in the industry.

—Ken McConnell



### TEAM MEMBERS:

**Sihu Hwang** – 10th Grade (*Team Captain*)  
Career Aspiration: Penetration Tester

**Finnegan Cretser-Radloff** – 12th Grade  
Career Aspiration: Pilot

**Owen Klein** – 12th Grade  
Career Aspiration: Electronics Engineer

**Nathan Pearl** – 10th Grade  
Career Aspiration: F-22 Pilot

**Natalie Salyer** – 10th Grade  
Career Aspiration: U.S. Air Force Pilot

# ALL SERVICE DIVISION



**CIVIL AIR PATROL**  
U.S. AIR FORCE AUXILIARY

## Team Name: Entropy

School/Institution: Fullerton Composite Squadron

Location: Fullerton, CA

“ CyberPatriot is a great program that has been providing quality training and education to our youth so that they have an opportunity to gain the knowledge and skills needed to start their professional careers and will create and be a part of innovative solutions for the future of our country.

—Brian Vu



### TEAM MEMBERS:

**Ryan Kim** – 12th Grade (*Team Captain*)  
Career Aspiration: Quantitative Analyst

**Yile Feng** – 8th Grade  
Career Aspiration: Librarian

**Jesse James** – 12th Grade  
Career Aspiration: Cyber Analyst

**Isaac Kim** – 10th Grade  
Career Aspiration: Cybersecurity Specialist

**Minseo Kim** – 12th Grade  
Career Aspiration: Therapist

**David Song** – 12th Grade  
Career Aspiration: Physician

# ALL SERVICE DIVISION



**CIVIL AIR PATROL**  
U.S. AIR FORCE AUXILIARY

## Team Name: **CyberEagles**

School/Institution: Raritan Valley Composite Squadron  
Location: Manville, NJ

Youth are on the front lines of the risks and the rewards of the online world. Their passion for tech, gaming and other online activities makes them vulnerable to cyber-attacks. The Air & Space Forces Association CyberPatriot, the National Youth Cyber Education Program, is helping to train today's youth into tomorrow's cyber leaders. The program provides hands on training on the basics of IT Cybersecurity Cyber Defense, Data Communications & Networking, and Combatting Mis- and Disinformation. CyberPatriots includes true-to-life security simulation, where participants will learn how to root out cyber threats and defend against a targeted attack.



—Carol Faaland-Kronmaier

### TEAM MEMBERS:

**Clarissa Furtado** – 12th Grade (*Team Captain*)  
Career Aspiration: Software Engineer

**Carl Furtado** – 9th Grade  
Career Aspiration: Software Engineer

**Pranav Jithesh** – 12th Grade  
Career Aspiration: Entrepreneur or CEO

**Aditya Patwal** – 12th Grade  
Career Aspiration: Computer Scientist

**Amit Sail** – 10th Grade  
Career Aspiration: CyberSecurity Manager

**Tiffany Tian** – 8th Grade  
Career Aspiration: Computer Scientist

# ALL SERVICE DIVISION



## Team Name: Silicon Knights

School/Institution: Band of the West Division

Location: Redwood City, CA

CyberPatriot provides a fun entry point for youths to explore the ever-changing digital ecosystem. With the skills and knowledge our team members learned through the online courses, scenario-based practices, and challenging competitions, they become much more responsible cyber citizens. Many young cadets in the program have been inspired to consider joining the cybersecurity field.

—Ming Ikehara



### TEAM MEMBERS:

**Nik Loke** – 12th Grade (*Team Captain*)  
Career Aspiration: Plane Mechanic

**Ching Ying Chen** – 10th Grade  
Career Aspiration: Pharmacologist

**Andy Cheng** – 10th Grade  
Career Aspiration: Software Developer

**Sean Ikehara** – 12th Grade  
Career Aspiration: Ethical Hacker

**Ethan Kong** – 10th Grade  
Career Aspiration: Physics or Math Professor

**Aaron Winikoff** – 9th Grade  
Career Aspiration: Network Security Analyst

# ALL SERVICE DIVISION



## Team Name: Team Spartans

School/Institution: Sacramento Division

Location: Sacramento, CA



CyberPatriot is the gateway to teaching the youth about protecting our ever-changing computer systems and technologies. Our society are so ingrained into computer systems and mobile devices that we need to teach the youth how to respect and understand the vulnerabilities of such sophisticated devices.

—Bruce Nguyen



### TEAM MEMBERS:

**Yannis Smith** – 11th Grade (*Team Captain*)  
Career Aspiration: Program Manager

**Michael Dai** – 11th Grade  
Career Aspiration: Chemical Engineer

**Katelyn Guo** – 11th Grade  
Career Aspiration: Computer and Information Systems Manager

**Andy Liu** – 12th Grade  
Career Aspiration: Software Engineer

**Maylin Liu** – 9th Grade  
Career Aspiration: Cardiologist

**Vincent Nguyen** – 12th Grade  
Career Aspiration: Electrical Engineer

# MIDDLE SCHOOL DIVISION



## Team Name: CyberAegis Vitalis

School/Institution: Design 39 Campus  
Location: San Diego, CA

“ CyberPatriot teaches students about teamwork, problem solving, collaboration, hard work, determination, and grit. It teaches students to be better people online and inspires the next generation of engineers. It teaches the value of cybersecurity in the real world and introduces students to a field they knew nothing about. The students enjoy competing in CyberPatriot, as the images are challenging and engaging. It is a critical foundation for protecting cybersecurity assets and making our nation secure.

—Sheirman Szeto



### TEAM MEMBERS:

**Yash Parikh** – 8th Grade (*Team Captain*)  
Career Aspiration: Director of CISA

**Neil Chandra** – 8th Grade  
Career Aspiration: Cybersecurity Specialist

**Risha Guha** – 8th Grade  
Career Aspiration: Biomedical Engineer

**Ansh Kumar** – 8th Grade  
Career Aspiration: CEO of Cisco

**Krish Nandola** – 8th Grade  
Career Aspiration: Cybersecurity Entrepreneur

**Anvay Vahia** – 8th Grade  
Career Aspiration: Chief Information Security Officer

# MIDDLE SCHOOL DIVISION



## Team Name: CyberAegis Aeris

School/Institution: Oak Valley Middle School

Location: San Diego, CA

“ CyberPatriot enhances knowledge of computer science, and opens my eyes to the vast and complex world of cybersecurity. It's about learning to protect our digital lives, and is essential in today's interconnected world. CyberPatriot teaches grit, teamwork, leadership, collaboration, and most importantly teaches how to work with a group of people towards a goal. It gives opportunities to grow as a person and a competitor. Striving to reach the top in CyberPatriot develops the grit necessary to succeed in competition and achieve goals throughout life.

—Paul Johnson



### TEAM MEMBERS:

**Mihir Bapat** – 8th Grade (*Team Captain*)

Career Aspiration: Software Engineer

**Aditya Katre** – 8th Grade

Career Aspiration: Software Engineer

**Kanhay Patil** – 8th Grade

Career Aspiration: Aerospace Engineer

**Dhyan Soni** – 7th Grade

Career Aspiration: Cybersecurity Architect

**Xavier Thompson** – 8th Grade

Career Aspiration: Software Engineer

**Jacob Wu** – 8th Grade

Career Aspiration: CISO of a Software Company

# MIDDLE SCHOOL DIVISION



## Team Name: The Other Half

School/Institution: Toby Johnson Middle School

Location: Elk Grove, CA

“ CyberPatriot is a great introduction to cybersecurity for middle school students. It provides students with the opportunity to acquire technical skills needed to protect computer systems. In addition, students gain experience in leadership, communication, problem solving, time management, teamwork as well as other important skills that all jobs require. It's been exciting to watch my students work and grow together as they faced the competition challenges. Cybersecurity is more important than ever, and the CyberPatriot program creates a foundation for students to explore future job opportunities and careers in technology and cybersecurity.

—Ryan North



### TEAM MEMBERS:

**Matthew Ho** – 8th Grade (*Team Captain*)

Career Aspiration: Undecided

**Yangyi Chen** – 8th Grade

Career Aspiration: IT Engineer

**Evan Fong** – 8th Grade

Career Aspiration: Undecided

**David Tran** – 8th Grade

Career Aspiration: Theoretical Nuclear Physicist

**Anoushka Vyas** – 8th Grade

Career Aspiration: Supreme Court Justice

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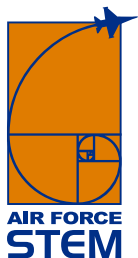
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# CYBERPATRIOT

## The National Youth Cyber Education Program



The National Youth Cyber Defense Competition is an online-based program that puts teams of middle and high school students in the position of newly-hired IT professionals tasked with managing the network of a small company. Through online competition rounds, teams are given a set of virtual operating systems and are tasked with finding and fixing cybersecurity vulnerabilities.



Through the AFA CyberCamp program, schools and educational organizations conduct week-long camps using an AFA-developed curriculum kit that teaches students important skills in cyber safety and cybersecurity.



The Elementary School Cyber Education Initiative (ESCEI) teaches students in grades K-6 the basics of cybersecurity, personal information protection, and online safety in an entertaining and engaging game-like format.



The Cyber Education Literature Series introduces cybersecurity principles to our youngest audience in storybook format. The series features two books – *Sarah the Cyber Hero* and *Ben the Cyber Defender*. Both books, available for purchase online, follow the stories of two children who save their communities from cyber danger.



CyberGenerations – the Senior Citizens' Cyber Safety Initiative – is a free program that offers self-paced and workshop resources for informing seniors about the importance of cyber safety. Topics include password hygiene, malware and ransomware, marketing and fraud scams, and social media awareness. CyberGenerations is available for download from our website.



The Tech Caregiver Program is a companion program to CyberGenerations that encourages student and adult volunteers to give back to their communities. After completing a training course and exam, certified Tech Caregivers can use their cybersecurity backgrounds to teach basic security measures to senior citizens in a way that is easy to understand.

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