

CyberPatriot VI National Winners Crowned!

Air Force Association's

CYBERPATRIOT

National Youth Cyber Education Program

presented by **NORTHROP GRUMMAN**
Foundation

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Commissioner's Cache

CyberPatriot VI ended with an awesome National Finals Competition. If your team was there, congratulations. And for every CP-VI team—there or not—THANK YOU! CP-VI was an enormously challenging and successful season. In the end the National Champions came from California and Utah. Winning high school teams received \$49,000 in scholarships from our generous Presenting Sponsor Northrop Grumman. And our newly added middle school teams made a great showing with a team from California taking the National Championship. The success of CyberPatriot VI is a tribute to our Coaches, Mentors, and Team Assistants who dedicate thousands of hours to training and mentoring their teams and to our incredible sponsors; without their generous support the competition would not be possible. CyberPatriot VII has started, registration is open and—believe it or not—it will be even bigger and better than CyberPatriot VI! More than 75 teams registered in the first three days of registration. Register now to participate in our exhibition rounds. Congratulations to all of you for a great season and here's to a great CyberPatriot VII!



Bernie Skoch
National Commissioner
CyberPatriot Program
Air Force Association

Program Office Bits

CyberPatriot VII Registration is Open!
Go to www.uscyberpatriot.org to register today!

Coaches and Mentors of the Year

Northrop Grumman Internships

Openings in Sierra Vista, Aziz., Southern California, Oklahoma City, Okla., and Annapolis Junction, Md. Find out more at:
<http://careers.northropgrumman.com/cyberpatriot.html>



Colin Powell gets a quick lesson in cybersecurity during his visit to the CyberPatriot VI National Finals Competition.

North Hollywood, Clearfield, & Beach Cities Take Gold; Colin Powell Makes Visit to Competition

In the most challenging National Finals Competition to date, 26 high school and two middle school National Finalist teams battled for top honors on March 28, 2014, at the Gaylord National Resort and Convention Center at National Harbor, Md.

The Open and All Service Division teams competed in four events — the most ever in the competition. The events were:

- Network Security Master Challenge
- Leidos Digital Forensics Challenge
- Digital Crime Scene Challenge by the U.S. Cyber Crime Conference
- Cisco Networking Challenge

The Middle School Division teams competed in the

Network Security Master Challenge and the Digital Forensics Challenge.

Another highlight for the competitors was a visit to the competition floor by the former Secretary of State Colin Powell (pictured above).

In the end Team Azure from Los Angeles' North Hollywood High School and the Fearsome Falcons of Utah's Clearfield High School's Air Force Junior ROTC unit won the CyberPatriot VI National Championships in the Open and All Service Divisions respectively. Civil Air Patrol's Beach Cities Cadet Squadron of San Pedro, Calif. became the first-ever Middle School Division National Champion. For a full list of winners see page 2.

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Apply Now for an Internship With Northrop Grumman

NORTHROP GRUMMAN Start your legacy now! Join the Northrop Grumman Intern Program

It's hard to believe another competition is behind us and we're working toward CyberPatriot VII. The talent and expertise demonstrated throughout this year's competition was impressive. Students have exhibited the skills necessary to succeed in the cyber career field as our nation strives to fill the critical need for cybersecurity professionals.

Now is the time to start thinking about putting your skills into action. An internship at Northrop Grumman Corp. is unique. You'll work side by side with our technical experts to learn more about the career field and how important this specialty is to national security. You will learn new skills, explore our enterprise, network with experts, connect with thought leaders, and finish with a résumé that opens doors.

Here's what you need to know to apply: High school-level internships require students to be at least 16 years of age, enrolled in high school, and studying areas of science, technology, engineering, and mathematics. CyberPatriot-specific internship opportunities require at least one year of participation in the CyberPatriot program and enrollment in technical high school electives within the areas of STEM.

For college-level internships we typically look for rising sophomores, juniors, seniors, and graduate students at accredited colleges and universities.

We look for high potential students of all grade levels and have internship opportunities for high school students.

Work assignments typically begin in May/June and end in August/September. There are some opportunities for interns to stay on in a part-time internship capacity year round. Included in many of our intern programs are orientation and kick-off events, networking opportunities with leadership and other interns, social activities, learning sessions, and professional development opportunities.

For more information about the intern program go to: <http://www.northropgrumman.com/Careers/StudentsAndNewGrads/Pages/Cyberpatriot.aspx>

Coaches' Corner

- **CyberPatriot VII Registration.** CyberPatriot VII Coach Registration opened April 1. Coaches must be registered and cleared before their competitors may register. Go to: www.uscyberpatriot.org to register.
- **Air Cards.** Coaches with air cards for the CP-VI season should return them before April 30. Return shipping labels were emailed in March.
- **SRR/RRR Awards.** State and Regional Recognition Round Awards have been mailed to all team coaches OR AFA State/Region Presidents.
- **Coaches and Mentors of Year.** Applications are due May 10, 2014. Please see www.uscyberpatriot.org for more information.

CyberPatriot VI National Finals Competition Awards

All Service Division Overall Awards

National Champion: Clearfield High School Air Force JROTC

Runner-Up: Monty Tech Marine Corps JROTC

3rd Place: Patrick Henry High School's Navy JROTC

Open Division Overall Awards

National Champion: North Hollywood High School

Runner-Up: Grissom High School

3rd Place: Summit Technology Academy — Team Sudo

Middle School Division Overall Awards:

National Champion: Beach Cities Cadet Squadron

Runner-Up: Marine Military Academy

Cisco Networking Challenge Awards

All Service Division: Patrick Henry High School Navy JROTC

Open Division: Summit Technology Academy — Kernel Panic

U.S. Cyber Crime Conference Digital Forensics Awards

All Service Division: Troy High School Navy JROTC

Open Division: Rangeview High School

Top Service Awards

★ **Army JROTC:** Buena High School

★ **Navy JROTC:** Patrick Henry High School

★ **Marine Corps JROTC:** Monty Tech

★ **Air Force JROTC:** Clearfield High School

★ **Civil Air Patrol:** Big Sioux Composite Squadron

★ **Naval Sea Cadets:** Centurion Battalion



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Spotlight on Girls and Computing

Women are essential to solving the nation's technical workforce shortage. For its part CyberPatriot continues to emphasize female participation in its programs. During CyberPatriot VI the self-identified females who registered for CyberPatriot increased to 740 from 511 in CyberPatriot V. To continue the trend in growth of the number of girls in the competition, all-girl teams in CyberPatriot VII will have free registration. Ending the season on a high note, five of the 12 teams that won awards at the CyberPatriot VI National Finals Competition had girls as team members who helped their teams to the top. The teams are shown below and on page 4.



Grissom High School's Team V'Ger won the Open Division Runner-Up Award.



Rangeview High School's Team Any Key won the Open Division Digital Crime Scene Award.



Patrick Henry High School's Navy JROTC Team Rodney's House won the All Service Division 3rd Place Award and the Cisco Networking Award.

Another CyberPatriot Competitor Recognized by NCWIT for her Achievements in Computing

Article By Terry Yeigh



John R. Rogers computer science student Jacki Craipo has been recognized by the Washington State National Center for Women and Information Technology (NCWIT) awards committee. She was selected as one of 20 Washington State Affiliate Winners for the Aspirations in Computing Award, and there were 130 applicants for this award. The award was based on her being recognized for computing-related aspirations and accomplishments, in addition to her solid leadership ability, her academic history, and her plans for post-secondary education. Jacki was the only girl from Eastern Washington selected, with the remaining 19 girls residing from Western Washington high schools.



Jacki Craipo

Jacki is the captain of her CyberPatriot team, which competes in a national high school cyber defense competition to secure servers and networks from hackers/malware and viruses. She is also a SkillsUSA member and competes in the computer programming competition sponsored by SkillsUSA. She finished in first place for the Eastern Region this year and will represent John R. Rogers at the Washington State SkillsUSA competition held in Tacoma, Wash., in April 2014. Last year Jacki finished in sixth place in this same competition. Along with her competition schedule, she mentors an after-school program at Shaw Middle School, for girls interested in computer programming. Even with her busy schedule Jacki maintains a 4.0 GPA while taking four advanced placement classes and one honors class.

"In my personal experience, leadership is shown not through putting oneself out into the world, but in helping others," said Jacki. "Whether it is through assisting them toward achieving their goals or helping strangers toward a better future, community service is the best way anyone can show leadership in their school and community."

A very well rounded individual and a fine person to know, we all expect that Jacki will do well in the future. This award and recognition is well-deserved.

For more information, visit <http://www.ncwit.org>

OPEN DIVISION



CyberPatriot VI, Open Division Champions: North Hollywood High School -- Team Azure, coached by Jay Gehringer (North Hollywood, Calif.).

ALL SERVICE DIVISION



CyberPatriot VI, All Service Division Champions: Clearfield High School Air Force JROTC Fearsome Falcons, coached by Kit Workman (Clearfield, Utah).

MIDDLE SCHOOL DIVISION



CyberPatriot VI, Middle School Division Champions: Beach Cities Cadet Squadron Cyber Knights, coached by Mark Williams (San Pedro, Calif.).

Congratulations to the National Champions of the Open, All Service, and Middle School Divisions!

Thank you to everyone for making CyberPatriot VI a fantastic season!
We look forward to seeing you all in CyberPatriot VII.

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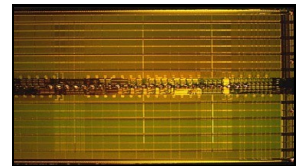
COE Spotlight: Rose State College



Thanks to Center of Excellence Rose State College, CyberPatriot has been nominated for *The Journal Record* newspaper's Innovator of the Year Award. Each year, nominations are submitted from around the state of Oklahoma for those products and services that exemplify an innovative spirit. The winner will be announced at an awards luncheon on Wednesday, April 23.

This Month in Cyber History

On April 18, 1986, IBM became the first computer manufacturer to use a megabit chip in its Model 3090, a commercial product. The megabit chip is a memory chip capable of storing one million bits of information. The announcement was seen as a notable triumph for American computer makers and reversed the notion that Americans were falling behind the Japanese in the electronics industry.



For more information go to:

<http://www.computerhistory.org/tdih/April/18/>



Northrop Grumman Corp. awarded \$49,500 in scholarship money to the CP-VI winners. In total Northrop Grumman has awarded more than \$205,000 to CyberPatriot National Champions in the past four years!