Wow! Congratulations to all of you—Competitors, Coaches, and Mentors—who made the online rounds our most competitive yet. The excitement ran all the way through February’s Presidents’ Day Weekend Open. And in a few days the 28 National Finalist teams will converge on Washington, D.C., for what promises to be our best National Finals Competition ever.

Though only 28 teams earned the title “National Finalist,” there is a winning spirit throughout our teams. Teams that earned awards at the state and region levels will begin receiving them this month so they can be recognized at their schools and organizations. Thank you to our Presenting Sponsor Northrop Grumman Foundation and our other sponsors who made this season possible. Beginning this month applications will be accepted for paid internships at Northrop Grumman. Check out this issue for more details. Please join us in wishing good luck to our National Finals!

Bernie Skoch
National Commissioner
CyberPatriot Program
Air Force Association

**Commissioner’s Cache**

**Upcoming Events**

**CP-VII National Finals Competition: March 11-15**

**Features**

- Page 1 CP-VII National Finals Competition: 28 Teams, 4 Challenges, a Few Surprises… and Fun!
- Page 2 Coaches’ Corner
- Page 2 NGC Internships are Back!
- Page 3 Open Division National Finalists
- Page 3 All Service Division National Finalists
- Page 7 Middle School Division National Finalists
- Page 7 Thank you Northrop Grumman!
- Page 8 One Last Look: CyberPatriot VI National Champions
- Page 8 Presidents’ Day Weekend Open Overall Winners
- Page 8 This Month in Cyber History

**NORTHROP GRUMMAN INTERNSHIPS ARE BACK!**

(SEE PAGE 2 FOR MORE DETAILS)

**CP-VII National Finals Competition: 28 Teams, 4 Challenges, a Few Surprises… and Fun!**

On Wednesday, March 11, 28 National Finalist teams will begin to arrive at the Gaylord National Resort in National Harbor, Md., for the National Finals Competition. But, Friday, March 13, will be the day they came for.

Friday will be a long day for the National Finalist teams. From 7:30am to 8:00pm the high school teams will face four competition challenges, as seen in the box to the right. The middle school teams will compete only in the Network Security Master Challenge and Digital Crime Scene Challenge.

New to the competition, AT&T is sponsoring the Mobile Device Component of the Network Security Master Challenge and Cisco is introducing a hands-on exercise in which teams program routers and other network devices. More difficult than the online rounds, teams are not permitted to have electronic media nor are they permitted to stage materials online. Even more challenging, Internet use is restricted to 10 pre-approved websites for each team. Of course, there will be a few surprises courtesy of the (continued on page 2)
NGC Internships are Back!

Start your legacy now! Join the Northrop Grumman Intern Program

As the excitement grows for CyberPatriot VII National Finals, it’s a time to reflect on all the impressive talent and expertise demonstrated throughout this year’s competition. The relevancy of CyberPatriot has never been greater and competitors continue to exhibit the skills needed to succeed in the cyber profession.

In order to put your skills into action, consider thinking about an internship at Northrop Grumman. Here, 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 resume 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 enrolled (continued on page 2) 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

To find opportunities for CyberPatriots, go to this link and enter “CyberPatriot” in the keyword field: https://ngc.taleo.net/careersection/ngc_coll/jobsearch.ftl?lang=en

CP-VII National Finals (cont’d)

(Continued from Page 1.) Red Team and our sponsors!

Unlike its reputation, Friday the 13th will be a lucky day for the division champions and award winners. However, they will be in the dark on their accomplishments until the Awards Banquet on Saturday evening, when the winners are announced.

No matter how each team fares, no Competitor will go home empty-handed. CyberPatriot’s Presenting Sponsor Northrop Grumman and our other sponsors have graciously provided door prizes and gift bag items for the Competitors. So, in the end the National Finals Competition will be 28 teams, four challenges, a few surprises and lots of fun!

Coaches’ Corner

- **CyberPatriot VII Registration.** Ready for next season? Pre-registration for CyberPatriot VIII will open in April. Stay tuned to your email and the CyberPatriot website for instructions and updates, including information about registration fee reductions!

- **CyberPatriot VII Award Certificates.** With the creation of competition tiers comes many awards earned by the teams this season! The CyberPatriot Program Office will begin sending the awards later this month. In some cases, the awards for your team(s) may be sent to your local AFA Chapter or State/Regional President. If your local AFA volunteers are unable to present the awards to your team(s), the certificates will be sent directly to the Coach, using the shipping address listed during the registration process.

- **Elementary School Cyber Education Initiative (ESCEI).** In the coming months we will be launching ESCEI, our newest program designed to teach students (K-6) the widespread importance of cybersecurity in their every day lives. Please help spread the word to the elementary schools in your area!
Central Technology Center
Coach: Dustin Ford
Team: John Cargill
    Cody Ostrum
    Austin Tanner
    Dalton Cooper
    David Brood
    Conner Henley

Franklin High School
Coach: Yenny Yi
Team: Jasmine Talavera
    Victoria Hernandez
    Christian Mendez
    Hazel Villatoro
    Raymond Hernandez

Grissom High School
Coach: Chris Sutton
Team: James Brahm
    Morgan Wagner
    Jeramy Lochner
    Matthew Rogers
    Michelle Driessnack
    Christopher Lin

Highlands Ranch High School
Coach: Nicky DeBolt
Team: Tyler Northrip
    Sean Bonham
    Stevan Gates
    Kelly Gold
    Jeremy Dugan

La Cueva High School
Coach: Sean Endler
Team: James Lewis
    Max Sanchez
    Tannor Brown
    Kaden Nelson
    Ximena Lane

Marshall Academy
Coach: Jeff McFarland
Team: Jacob Walters
    Josh Shepherd
    Khang Lieu
    Paul Benoit
    Michael Bailey

The National Finals Competition Special Edition
The CyberSentinel / March 2015

Central Technology Center
“cookies.bat”

Franklin High School
“Team Paprika”

Grissom High School
“CyberSloths”

Highlands Ranch High School
“FalconBots”

La Cueva High School
“Cyber Bears”

Marshall Academy
“Flying Bacon”
North Hollywood High School
Coach: Jay Gehringer
Team: Travis Raser
Issac Kim
Henry Birge-Lee
Camden Bickel
Isaac Kim

North Hollywood High School
Coach: Jay Gehringer
Team: Hyo In Annie Shim
Richard Wang
John Elijah Yoon
Woo Jin Cheon
Jaeyeong Hwang
Jamie Chang

Pinckney Community High School
Coach: Thomas McCurdy
Team: Jacob Rickerd
Adam Flickema
Torin Meinicke
Austin Eckman
Joseph Mayo

Red Bank Regional High School
Coach: Mandy Galante
Team: Joshua Even
Mark Eulner
Louis DiOrio
Tyler Birn
Kyle Neary
Robert Villaluz

Sisler Network & Cyber Security Academy
Coach: Charles Bazilewich
Team: Jarren Mercado
Ian Crisostomo
Zach Vasas
Ryan Domino
Raven Tiroy
Deondre Gismondi

Summit Technology Academy
Coach: Lisa Oyler
Team: Dalton Campbell
Cliff Martin
Cooper Leabo
Justin Nitz
Jason Cain
Henry Londre'
<table>
<thead>
<tr>
<th>Composite Squadron</th>
<th>Team</th>
<th>Coach</th>
<th>Location</th>
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<tbody>
<tr>
<td>Big Sioux</td>
<td>Josh Klosterman</td>
<td>Shannon Hofer</td>
<td>Brookings, SD</td>
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<td></td>
<td>Chris Dinnel</td>
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<td>Jaden Petersen</td>
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<td>Laura Rudnik</td>
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<td>Nathaniel Fleet</td>
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<td>Cedar Rapids</td>
<td>Charity Barker</td>
<td>Marshall Barker</td>
<td>Cedar Rapids, IA</td>
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<td>Andrew Szewc</td>
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<td>Elijah Barker</td>
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<td>Victor Griswold</td>
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<td>Owen Langston</td>
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<td>Cody Newgaard</td>
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<td>Fort Fisher</td>
<td>Brandon Sipes</td>
<td>Joseph Gombos</td>
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<td>Alfonso Rodriguez Arana</td>
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<td>Gisselle Reyes-Hopper</td>
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<td>Nick Winham</td>
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<td>Lee’s Summit North</td>
<td>Sam Galarnyk</td>
<td>John Deese</td>
<td>Lee’s Summit, MO</td>
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<td>Chris Asmus</td>
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<td>A.J. Baker</td>
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<td>Mitchell Bruce</td>
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<td>Alyssah Collins</td>
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### Lee’s Summit North High School
**Coach:** John Deese  
**Team:** Nikki Bowman, Alexis Crane, Matt Cook, Alex Keary, Kevin Matuma

- Lee’s Summit, MO

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### Marine Military Academy
**Coach:** Bill Beckman  
**Team:** George Zenner, Max Dowla, Giancarlo Betti Hernandez, Giovanni Betti Hernandez

- Harlingen, TX

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### Montachusett Regional Vocational Technical School
**Coach:** Paul Jornet  
**Team:** Conner Quick, Jack Marabello, Jamison LeRoche, Leon Gaulin, Nicholas Sullivan

- Fitchburg, MA

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### New Century Technology High School
**Coach:** Jim Morse  
**Team:** Cailin Simpson, Malcolm Jefferson, Jesse Adams, Cinque Robinson, Anhkhoa Nguyen

- Huntsville, AL

---

### NWS Earle Sea Cadets
**Coach:** Jack Lopez  
**Team:** Alex Lopez, Jeremy Zukosky, Luke Gleba, John Kovacs

- Tom’s River, NJ

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### W.B. Ray High School
**Coach:** Bill Hughen  
**Team:** Emily Segler, Nick Guerra, Dareon Liesmann, Joey Martinez, Ryan Ransleben, Lorenzo Nesta, Jr.

- Corpus Christi, TX
Winter Springs High School
Coach: Joseph Pavone
Team: Christian Campana-Emard
   Cody Villalobos
   Carlos Nieves
   Carlos Rivera
   Marc Cange

Markham Place School
Coach: Mandy Galante
Team: Charlotte Jansky
   Matt Swaggerty
   Erin Rooy
   Josh Sapirstein
   Sam Jansky

Markham Place School
Coach: Mandy Galante
Team: Leanne Spears
   Sophie Navarro
   Brooke Arend
   Holly Scanlon

Nysmith School for the Gifted
Coach: Bonnie McCrystal
Team: William Tan
   Ryan McCrystal
   Monica Saraf
   Aryaan Hussain
   Bhavjeet Sanghera

**THANK YOU NORTHROP GRUMMAN FOUNDATION!**

The Northrop Grumman Foundation has renewed its partnership with AFA’s CyberPatriot National Youth Cyber Education Program through 2019, with a total additional commitment to the program of $5.4 million!
One Last Look: The CyberPatriot VI National Champions

PRESIDENTS’ DAY WEEKEND OPEN OVERALL WINNERS

OPEN DIVISION
Pinckney Community High School—Team A
Loyola Blakefield—DonsCSC Black
Summit Technology Academy—Kernel Panic

ALL SERVICE DIVISION
Colorado Springs Cadet Squadron
Monty Tech—Marine Raiders
Big Sioux Composite Squadron

MIDDLE SCHOOL DIVISION
El Segundo Middle School—Bulldogs
Nysmith School for the Gifted—Team 1
Robert F. Kennedy—Ambassador Red

This Month in Cyber History

March 21, 2006—Twitter creator sends the first “tweet”. The origins of Twitter came out of a brainstorming session at the podcasting company Odeo. The initial concept was to share short messages via SMS text messaging with a small group. Jack Dorsey was the primary designer of what was then code-named “twttr” and sent the first message at 9:50am on March 21, 2006—“just setting up my twttr.” Twitter was released to the public that July and found its first major success at the South by Southwest Interactive conference in 2007, shortly after it had been spun-off as its own company, Twitter, Inc.

Since the inception of Twitter, 300 billion tweets have been sent. The most retweeted tweet is Ellen DeGeneres’ (@TheEllenShow) “selfie” photo taken while she was hosting the 2014 Oscars. In fact, the photo was so popular that it caused Twitter to temporarily crash!

For more information, visit www.computerhistory.org/tdih/March/21/

If only Bradley’s arm was longer. Best photo ever. #oscars

Presenting Sponsor

Cyber Diamond

Cyber Gold

Cyber Silver

Development Partner

CyberPa-triot VI National Champions

Middle School Division:
Beach Cities Cadet Squadron (San Pedro, Calif.)
Coached by Mark Williams

Open Division:
North Hollywood High School (North Hollywood, Calif.)
Coached by Jay Gehringer

All Service Division:
Clearfield High School AFJROTC (Clearfield, Utah)
Coached by Kit Workman