

2019

Mid-Atlantic



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**PRESENTED BY  
NATIONAL CYBERWATCH CENTER**

March 28-30, 2019

Johns Hopkins University

Applied Physics Lab

Laurel, Maryland





# WHAT IS THE NATIONAL CYBERWATCH CENTER MID-ATLANTIC COLLEGIATE CYBER DEFENSE COMPETITION (MACCDC)

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The National CyberWatch Center's MACCDC is a three-day event and the first competition of its kind that specifically focuses on the operational aspects of managing and protecting an existing "commercial" network infrastructure.

The competition is open to teams from all two and four-year academic institutions in the Mid- Atlantic region. Not only do students get to test their knowledge and skills in a live environment, but they also get a chance to network with industry professionals who are on the lookout for the best and brightest students in the region.



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“This is definitely a ton more  
intense than anyone could have  
possibly imagined.”

-James, Former Team Captain ECU

## HANDS ON CYBERSECURITY COMPETITION

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Student teams from across the region compete in a virtual Qualifying Round where they have to manage and protect an existing network infrastructure (running various real-world operating systems and services). Each team must ensure the systems are up and running and supply the specified services while under attack from professional volunteer Red Team (The Hackers), while satisfying periodic “injects” that simulate real world IT activities. This allows the teams to match their defensive skills against live opponents.

The top 8 student teams with the highest scores from the Qualifying Round advance to the face-to-face Regional Finals, hosted by the Johns Hopkins University Applied Physics Lab. The winner of the Mid-Atlantic Region advances to the National CCDC in Orlando, FL.

**7 STATES AND THE DISTRICT OF COLUMBIA**

**300 STUDENTS FROM 2-AND-4 YEAR SCHOOLS COMPETE**

**50 SEASONED INFORMATION ASSURANCE PROFESSIONALS**

**30+ COLLEGE AND UNIVERSITIES REPRESENTED**

**3 DAYS TO ASSESS POTENTIAL FUTURE EMPLOYEES**



## EVENT HIGHLIGHTS

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- Spectator-Friendly Competition
- Student Team Debriefs
- Awards Ceremony
- Facebook Live Interviews
- 2 days of intense competition to observe students
- Networking Event

### Additional Benefits with special arrangements:

- Mentoring Individuals or Teams
- Pre- and Post-event Briefings regarding Design and Evaluation
- Post-mortem Briefing of Participating Institutions

## KEY STRATEGIC OPPORTUNITIES

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As the premier collegiate cybersecurity student competition, your support enables us to maintain the high standards associated with this program, defrays educational expenses, and allows your organization to meaningfully engage with the design, execution, and evaluation of the competition.







## THE BENEFITS

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- Monetary, software, and hardware contributions with tax benefits
- Learn about the latest cybersecurity trends and technologies
- Recognition on official marketing materials, press releases, and giveaways
- Participate and recruit students at the Speed Networking Event and Sponsor Social
- Exclusive access to student resumes
- Participation with White and Orange Teams
- Test bed for new products and services
- We actively and visibly promote our Official Sponsors who become an integral part of the MACCDC community

**“ A REMARKABLE INVESTMENT MADE BY COMPANIES, SPONSORS, FEDERAL GOVERNMENT, STATE GOVERNMENT, AND BY THOSE WHO ARE PARTICIPATING.”**

- Admiral Patrick W. Walsh, USN, Ret.



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*“It’s a very intense experience.”*

-Alex, Former Team Captain, CCM

# SHAPE FUTURE CYBERSECURITY EXPERTS BY IMPROVING THEIR EDUCATIONAL EXPERIENCE

The field of cybersecurity is complex and ever changing. Sponsors who invest in MACCDC empower future cybersecurity professionals to tackle cutting-edge problems in a real-world environment.

Your support not only makes a lasting impact on contestants, but also gives your organization a valuable opportunity to recruit the best and brightest in the field.

## TEST BED FOR NEW PRODUCTS AND SERVICES

We are not shy to try new technologies and find solutions to existing problems. One of the main benefits is the ability to test new products, or experiment with different solutions in a safe and controlled environment.

# WHY SPONSOR

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For government, it is an opportunity to provide support for the next generation of cybersecurity professionals, fostering innovation and pushing contestants to explore creative cybersecurity solutions in a safe, controlled environment. MACCDC also allows you to test and explore cutting edge technologies and security solutions, which can be implemented to improve the security of your networks.

For industry, CCDC is an opportunity to showcase products and services to a tech savvy audience from educational, government, security, corporate, and developer communities. Furthermore, supporting innovation and collaboration among government, private and educational organizations advances the entire cybersecurity field, making the world safer for everyone.

As a national organization representing academia, industry, and private professionals, our goal is to advance the field of cybersecurity by developing the next generation of professionals. By increasing awareness and challenging the status quo, the MACCDC makes our digital world more secure. Join us now so that the next generation of security professionals can continue to defend our future.

**//**  
***Be part of our Networking Event and  
find knowledgeable student talent!***





**WHAT PARTICIPANTS  
HAVE TO SAY ABOUT  
THE MACCDC**

13TH ANNUAL

Mid-Atlantic

## STUDENTS



“A computer science degree is abstract, but if you want real world experience to figure out if this is actually what you want to do, CCDC is about as good as it gets.”

“I like the whole cat and mouse feel to it—you have to defend your castle from attackers and they are going to do whatever they can to break in...”

“We learn to work as a team, how to troubleshoot, how to think on our feet...”

“Core Impact is one of the best penetration tools out there and costs a lot of money, and as students we wouldn’t have the opportunity to see something like this without CCDC.”

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## THE RED TEAM



“Hands on training condenses what you can learn in a couple of years into a couple of days. At the MACCDC, students are under attack from the hackers for the whole time, which is very intense. Later in their careers, students can rely on this experience. They can say that they saw ten to fifteen attacks in an hour once and they can configure their system to be resistant to it. ”

“When you are working for an organization doing security, you have to convince your organization to give you the resources to defend effectively against attacks. You have to be able to make a business case to get the resources you need. Attacks are always going to happen, and you as the defender have to understand the risks and get the appropriate level of support.”

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# SPONSORSHIP LEVELS

*Platinum, Diamond and Name Sponsors have access to Student Resumes prior to the competition.*

Bringing together leaders from academia, government and industry, we provide an environment that fosters immediate and future opportunities. We've created a number of engagement options suitable to your specific needs and availability.

BENEFITS	SUPPORTER \$1,500	SILVER \$3,000	GOLD \$7,500	PLATINUM \$12,500	DIAMOND \$25,000	NAME SPONSOR* \$50,000
Logo and Link on MACCDC.org Home and Sponsor Pages	●	●	●	●	●	●
Access to Student Resumes after the competition	●	●	●	●	●	●
Access to team rosters with individual student email addresses		●	●	●	●	●
Logo on printed materials and promotional pieces		●	●	●	●	●
Booth and participation in pre-competition networking event		●	●	●	●	●
Printed Logo on Sponsor event banner		●	●	●	●	●
Single teleconference to provide input and ask for specific outcomes			●	●	●	●
Logo printed on selected promotional item			●	●	●	●
Corporate Information distributed to students prior to competition			●	●	●	●
Access to student resumes prior to qualification rounds				●	●	●
Up to two qualified company representatives on Orange and/or White Teams					●	●
Press Interviews with onsite representative as they become available					●	●
Multiple on-site and/or teleconference sessions to shape desired outcomes					●	●
Written report summarizing requested outcomes					●	●
Name recognition in title of competition						●
Up to two positions for qualified individuals on Red Team						●
One company representative on MACCDC Management Team						●

*\*Name Sponsor is a 1 time payment, 3 year commitment.*

EVENT SPONSORSHIPS	AMOUNT	DESCRIPTION
T-Shirts	\$2,500	Name recognition on t-shirts plus all silver level benefits
Lunch	\$5,000	Name recognition on lunch signage plus all silver level benefits
Beverage Stations	\$6,000	Name recognition on station signage plus all silver level benefits
Networking Event	\$8,000	Name recognition on event signage, assist with planning event, all gold level benefits
Technology	\$8,500	Name recognition on signage plus all gold level benefits



# IN SUMMARY

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The National CyberWatch Center's MACCDC offers students and sponsors the opportunity to interact and discuss the most challenging issues in cybersecurity.

As the best and brightest prepare to enter the job market, the organizations who attract the best talent will also have the best security. Sponsoring the MACCDC ensures that the next generation of cybersecurity professionals have what it takes to defend against complex attacks in a real world context, and gives your organization the opportunity to recruit the most talented future professionals in the region.



## FOR MORE INFORMATION

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[www.nationalcyberwatch.org](http://www.nationalcyberwatch.org)

[www.MACCDC.org](http://www.MACCDC.org)

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NATIONAL  
CYBERWATCH  
CENTER

The National Cyberwatch Center is a National Science Foundation (NSF) Advanced Technological Education (ATE)-funded center, headquartered at Prince George's Community College.