

2015 Cyber Security Competition

Patriots Technology Training Center



Keynote Speaker
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Community Outreach Lecture Series **Transcript**

Good evening Dr. Gant, Mr. Jones, distinguished guests, parents, teachers, students, sponsors, judges, and most importantly our student participants this evening. I want to thank Mr. Jones and Patriots Technology Training Center for hosting a spectacular event—the 2015 Cyber Security Competition. I will begin this evening by telling you a little about our rich history, partnerships between Patriots and BDPA-DC, and then we briefly will talk about CYBER.

What is B.D.P.A.? BDPA was founded in 1975 as Black Data Processing Associates. Rebranded in the mid-1990s to “BDPA”, our organization continues to successfully advance technical careers and bridge information technology gaps in African American and underserved communities. BDPA-DC has partnered with Patriots for almost 20 years. Back in the day, our High School Computer Competition teams trained at Patriots’ facility in Seat Pleasant, Maryland. Today, your local team currently ranks as the 2014 National HSCC Champions!

When asked ‘What does B.D.P.A. stand for?’ I mention that within our trillion-dollar tech industry, it stands for “Billion Dollar Programs Available.” However, for our students participating in this evening’s final round of the 2015 Cyber Security Competition, tonight, B.D.P.A. stands for “Big Data and Predictive Analytics” –more efficient algorithms in recognizing network threats, malware and fraud detection patterns—CYBER. So let’s break it down.

C. Y. B. E. R.—it spells out our next steps forward together and your take-away this evening.

“C” is for “**Co-opetition**”: Collaborate and compete together. Establish very strong partnerships and stay connected—just like Patriots and BDPA-DC. An African Proverb says it best: *‘If you want to go fast, go alone; if you want to go far, go together!’*

“Y” –You and **Your Team**: Lead new initiatives with your teams. Your sponsors this evening are always seeking new and innovative partnerships

“B” –Build **Better Businesses**: capture new opportunities; leverage seed capital, grants, subcontracts, and contracts from concept to product or service.

“E” –**Entrepreneurship**: Excel at cultivating new ideas, develop business plans, acquire capital (both venture capital and human capital); excel at the execution of every task and subtask to grow your enterprise

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“R” –**Relentless** pursuit of your passion: Finally, continue to pursue your dreams. Be mindful of better ways to further embrace new technologies with situational awareness toward any or all of the following cyber overtones.

- IoT – The Internet of Things. Cultivate networks of items using sensors and cameras to share and transfer data without a “middleman”
- IoE – The Internet of Everything. Leverage the value of being connected to people, processing, and data
- CNO – Computer Network Operations. Continue to optimize your enterprise’s networks. Make them ‘smarter’ and ‘stronger’
- CNA – Computer Network Attack. Stay vigilant by taking actions to disrupt, deny, destroy, or degrade those systems or networks that try to do harm to your enterprise or environment
- CND – Computer Network Defense. Protect all of your private and public networks
- CNE – Computer Network Exploitation. Exploit new data and recent information you may gather from it to gain competitive advantages for your teams and your communities.

I now stand between you and the Atlanta Hawks vs. LeBron James. So in closing, I will leave you with one more African Proverb:

Every day in Africa a gazelle wakes up. It knows it must run faster than the fastest lion or it will be killed.

Every morning in Africa a lion wakes up. It knows that it must outrun the slowest gazelle or it will starve to death.

It doesn’t matter whether you are a lion or a gazelle. So, before the sun comes up tomorrow, start running!

I thank you very much for your time and best of luck to all of this evening’s Middle and High School student participants.



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