

The Center for Cyber Defenders

Expanding Computer Security Knowledge

SAND2015-5753C



ThunderBird Cup 2015

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Problem Statement:

Help develop the needed skills and talent for NNSA's technical workforce, and enhance education and research at Minority Serving Institutions.



University of the Virgin Islands
ThunderBird Cup Workshop

Objectives:

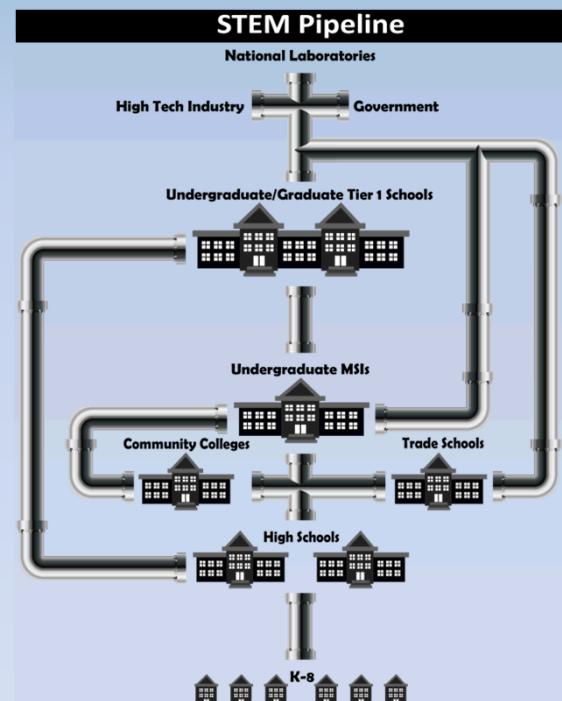
- Build consortium and institutional capacity in cyber-security
- Develop and implement education and training programs for Kindergarten through 12th grade
- Conduct cyber-security-related research
- Sponsor workforce development initiatives
- Establish government, corporate, and educational partnerships
- Create a consortium-based cyber competition

skipper Power

Virtual Environment Scenario

Results:

- Conducting one week of training in cyber-security for over 25 students and educators
- Created and tested the ThunderBird Cup, a consortium-based cyber-security competition
- Prepared over 20 students for the upcoming year of CyberPatriot
- Created a new partnership with CyberPatriot



Impact and Benefits:

- Diversifies the pipeline to fields related to STEM (science, technology, engineering, mathematics)
- Provides materials and training to teachers to streamline integration of STEM topics into their existing classes



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