STEM Inventory

Org-Type Professional Association-based

LeadAir Force AssociationPoCDavid "Buck" BuckwalterPoC-Phone703-247-5803PoC-Emailbbuckwalter@afa.org

Address 1501 Lee Highway Arlington, VA 22209

CyberPatriot

URL http://www.highschoolcdc.com/

Service-Region Nationwide

Program-Title

Type Student Program

Subjects Computer Science | Technology
Level High School (9-12th grade)

Other-Objectives CyberPatriot is a national high school cyber defense competition designed to educate and motivate the next generation of cyber

defenders (& other STEM grads) the nation needs. The competition for this year is set and will touch over 20,000 students nationwide.

Next year we will open the program to broader participation and hopr to reach 500,000.

Served-per-Year 20,000 - 500,000 Demographics

Content A High School Cyber Defense Competition with basic network security academics serving as preparation fo an online series of

competition events leading to an in-person, live finals.

Outcomes Excitement toward a career in computer scuience or other STEM disciplines, plus a greater awareness of basic cyber security practices

among the nation's youth.

Started Sep-08 Funded-Through through the 2010-2011 year, with additional

funding under negotiation

Entry# 334

Length Ongoing Cost \$3-5 million/year when fully deployed

Primary-Funding Foundation | Government | Industry Primary-\$ less than \$1 million at this satge -- \$5 million

under negotiation

Materials Online educational materials and access to program resources modest competitor prizes and recognition travel expenses for finalists

Other-Funding still under development

How-Assessed post-event surveys and a Competitor Relationship Management system that seeks to maintain contact and support of "alumni" of the

program, seek information to improve the overall project, and develop comprehensive outcome measures for future evaluation.

Best-Practice-Why It is too early to make that claim, but that is clearly the goal.

Promising-Practice Absolutely. The interest and potential support that it has generated in just over a year ofexistence has been phenomenal.

SponsorDavid BuckwalterSponsor-OrgAir Force AssociationSponsor-Phone703-247-5803Sponsor-Emailbbuckwalter@afa.org

Other-Orgs Center for Infrastructure Assurance and Security at UT-SA Science Applications International Corporation General Dynamics Advanced

Information Systems Microsoft Northrup Grumman Foundation Harris Corp. others in negotiation