

**Cyber Security Commission
Education and Workforce Working Group
First Meeting Minutes (Draft)**

September 4, 2014
Richmond Hilton Conference Center and Spa at Short Pump
10:00 a.m. until 11:00 a.m.

Chair:

Andrew Turner, VP, Head of Global Cyber Security, VISA

Work Group Members Present:

Richard Clarke, Good Harbor Security Risk Management

Commission Members Present:

Barry Horowitz, Munster Professor of Systems & Information Engineering, University of Virginia

Jandria Alexander, Aerospace Corporation

Volunteers/Advisors/Staff in Attendance:

Rear Admiral Bob Day, Cyber Commission Executive Director

Josh Heslinga, Office of the Attorney General, Cyber Commission Counselor

Diane Miller, Northrop Grumman (telephonic)

Evans Sills, Good Harbor Security Risk Management

Megan Healy (representing Secretary Anne Holton)

Linus Barloon, Virginia Tech

John Newby, Deputy Secretary of Public Safety and Homeland Security

John Kissel, VITA

Public Members Present:

Deborah Harvey, SRC Inc.

Minutes

10:00 Introductions

10:05 Commission Co-Chair Clarke expressed the need for the Work Group to identify potential initiatives within the next 30 days that could be included the Governor's and Legislature coming year objectives. Richard Clarke suggested an initial objective for the Work Group should be to look at the skills needed to satisfy the 30,000 currently open Cyber related jobs and conduct a gap analysis against the standards of learning in K-12, current University programs, and available certificate programs to identify changes needed.

10:10 Diane Miller advised the Work Group on the CyberPatriot programs and that Fairfax County was a Center of Excellence for this program; she also discussed the new Cyber engineering program at George Mason University. These programs could potentially be best of class and promoted throughout the Commonwealth. Diane Miller advised on the information published in a recent MeriTalk study on key workplace climate desires to attract and retain Cyber professionals; she will provide this report to all Work Group members.

10:20 Work Group Chair Turner discussed the framework for the Work Group initial activities to include 1) an inventory of Cyber education initiatives at the local level, Commonwealth University and Community College cyber related courses, and 2-years certificate programs 2) an inventory of the cyber workforce skills needed for current open positions (it was thought that a quick hit focus could be on vacant Commonwealth Cyber positions and 3) a gap analysis between the skills being currently taught and those desired to fill position. Andrew Turner and the Work Group members will rapidly develop the data calls required to obtain the desired information for the initial analysis and submit to Bob Day.

Deputy Secretary Newby suggested that it would be important to look at the skill sets that numerous veterans coming off of Active Duty military service could potential offer to fill vacancies; many of them have advanced Cyber skills obtained from the military. Linus Barloon also cited the need for Cyber education of executives in the C-suite to enhance their understanding of Cyber issues in order to raise their priority in Commonwealth public and private organizations.

10:55 Meeting opened for public comment. None heard and meeting adjourned.

Minutes recorded by Rear Admiral Bob Day, Commission Executive Director