

M A R Y L A N D

GOVERNOR'S WORKFORCE INVESTMENT BOARD

Center for Industry Initiatives Industry Initiative Summary December 14, 2011

Industry Sector

CyberSecurity Industry Initiative

Coordinators

Name : Mary O'Connor

Email : moconnor@gwib.state.md.us

Phone : 410.767.8604

Committee Chair(s)

- Larry Letow, Co-Chair, President, Convergence Technology Consulting
- Bel Leong-Hong, Co-Chair, President & CEO, Knowledge Advantage, Inc.

Background

The GWIB launched its CyberSecurity Industry Initiative to respond to the emergence of the industry in Maryland. The GWIB's role in convening industry was to begin identifying workforce demand and challenges associated with growing the industry. The GWIB convened more than 30 business leaders, as well as representatives from government, education and economic development for a discussion on defining the skills, education, training and certifications required to support Maryland's public and private sector, and defense industry workforce needs.

Committee Activities and Updates

GWIB/SAIC PARTNERSHIP

The GWIB recently partnered with SAIC around development of a CyberSecurity Workforce web portal as an extension of the existing Skills2Compete online domain space – www.skills.maryland.gov/cyber. SAIC has secured the support of the University of Maryland's QUEST Program interns to assist with the project.

Recognizing that significant and meaningful work is already occurring in the State to equip Marylanders with the skills needed to compete and succeed in the CyberSecurity industry, www.skills.maryland.gov/cyber will serve as a repository for those existing education and training opportunities.

Additionally, www.skills.maryland.gov/cyber will be linked to the Maryland Workforce Exchange (MWE), allowing for job seeking opportunities; but will also serve as a clearinghouse to promote CyberSecurity education and training for all Marylanders. Job seekers, students, counselors, educators, industry representatives, and enthusiasts will have access to information designed to promote and attract Marylanders toward CyberSecurity careers.

SAIC has secured the support of the University of Maryland's QUEST Program interns to assist with the project.

GWIB/USM WORKFORCE DEMAND SURVEY

In May 2011, the University System of Maryland (USM) released its report of the CyberSecurity Taskforce. The report examined the assets of USM in the area of CyberSecurity and evaluated the workforce needs of government agencies and private industry in this area. The Taskforce made five actionable and achievable recommendations, the first of which is "working with the Governor's Workforce Investment Board to conduct a comprehensive and strategic workforce demand study of employers' needs within the industry." The survey will be used to assess the type of skills needed for the CyberSecurity workforce, as well as anticipate the number of CyberSecurity employees needed in the short and long terms (demand). Further, without a more comprehensive and scientific survey, there is not enough data available to set specific and quantifiable goals on how USM degree production should be increased.

TRACKING OUR RESULTS

The goal of Maryland Skills2Compete initiative is to increase the number of Marylanders with at least two years post-secondary education and training leading to degree, certification or apprenticeship by 20% by 2012. To capture the State's skills attainment efforts related to the CyberSecurity industry, the GWIB will be adding metrics to

the SkillsStat dashboard to obtain a more accurate picture of the number of Marylanders being equipped with the skills need to meet employer demand.

The proposed metrics consist of:

1. Number of Marylanders completing cyber-related occupational skills training (DLLR DWDAL)
2. Number of Marylanders awarded cyber-related degrees annually. (MHEC)

Additionally, under the leadership of CyberSecurity Industry Initiative Co-Chairs, Bel Leong-Hong and Larry Letow, a business workgroup will be convened to focus on developing advanced metrics in order to capture the numbers of newly certified and degreed Marylanders gaining employment.

Steering Committee Members

Bill Anderson

Oculislabs

Jamie Benoit

Federal Data Systems, Inc.

Rosemary Budd

FMA

Asuntha Chaing-Smith

Lt. Governor's Office

Richard Cerkovnik

STEM Center

Lance Chernault

Northrop Grumman Corporation

Edward Chow, Secretary

Veterans Affairs

Larry Davis

University of MD, College Park

Danny DeMarinis

MITRE

Richard Forno

University of MD, Baltimore County

Paulette Francois

DLLR DWDAL

Tom Frankovich

Anne Arundel Workforce Development Corp.

George Heron

FlueFin Security

Ava Marie Howard

DISA

Michelle Jackson

DBED

Ann Jacobs

C.A. Rupperberger, Congress

Kelly Koemer

Anne Arundel Community College

Jeffery Kubik

Northrop Grumman Corporation

Steven Leanhart

Telecordia

Harriet McMichen

Pace Computer Solutions

Dhavan Mehta

Ernst & Young

Pat Mikos

MSDE

Kirk Murray

Anne Arundel Workforce Development Corp.

Gregg Newby

NSA

Tim O'Ferrall

The O'Ferrall Group/Ft. Meade Alliance

Claudia Pearce

NSA

Mary Phillips

Lockheed Martin

Myra Powell

DISA

Nagaraj Reddi

Business & Strategic Consulting International, Inc.

Jennifer Riggs

C.A. Ruppertsberger, Congress

William "Bill" Robertson

Adventist HealthCare, Inc.

Hart Rossman

SAIC

Michael Rossman

Constellation Energy

Sallie Sarelas

Anne Arundel Workforce Development Corp.

Todd Schucker

NSA

Andrew Sears

UMBC

Frank Skinner

DLLR

John Stephenson

MHEC

Patrick Tonui

DBED

Walt Thompson

Baltimore-Washington Corridor Chamber of Commerce

Christopher Valentino

Northrop Grumman Corporation

Kristen Valero

Chesapeake Technology Council

Sharon Webb

Greater Baltimore Technology Council

David Wright

Northrop Grumman Corporation