



Protecting Washington State's Supply Chain: Security & Resilience 2014

Summary

The Centers of Excellence for Global Trade & Supply Chain Management and Homeland Security Emergency Management collaborated to conduct a one-day educational forum on October 15, 2014 at Highline College. The purpose of the forum was to examine the challenges and vulnerabilities businesses and organizations can endure while developing resiliency plans for supply chains and establish awareness of need for education and training that integrates security and emergency management training into the supply chain management career pathway.

Through discussions with supply chain management experts, representatives from private and public sectors, educators, and students we were able to focus on what the issues are and what skills are required to secure the physical infrastructure, conveyances, and information that is asset to building resiliency of our supply chain.

Welcome & Keynote

Welcome and opening remarks were made by Alice Madsen, Dean, Professional-Technical of Highline College with moderators Dr. Meg Ryan, Director, Center of Excellence Global Trade & Supply Chain Management and Linda Crerar, Director, Center of Excellence Homeland Security Emergency Management.

The Keynote Address by Representative Gael Tarleton, 36th Legislative District for Washington State helped set the tone of the forum. Rep. Tarleton spoke about being ready for risks and not waiting until they happen. She also shared that we need to know what is at stake if we do not establish security and resiliency for our supply chain industries. Rep. Tarleton said, “You are responsible for the choices you make. Resilience and security affects where we live and our everyday lives.” She also mentioned that knowing our environments psychologically, ecologically, socially, and diversity can help lead us in the right direction on building resiliency.

Morning Panel Discussion

Linda Crerar moderated the morning panel discussion about “Threats, Disruptions, and Vulnerabilities of the Supply Chain” in order to understand how we can secure our supply chain industries.

Panel members were: Representative Gael Tarleton, Member of Governor’s Task Force on Maritime & Manufacturing Industry; Eric Holdeman, Director, Center for Regional Disaster Resilience, Pacific NW Economic Region Foundation; Dr. Tim Melbourne, Director, PANGA Geodesy Lab, Department of Geological Sciences; Mike Williams, Supply Chain Manager, World Vision, and Chair of the Puget Sound Roundtable of the Council on Supply Chain Management Professionals; Jim Mullen, EM Northwest Consulting, INC.

Duplication and redundancy in order to fix our failures was brought up by Eric Holdeman. Jim Mullen said” If it doesn’t break than you don’t have to fix it, but you have to be prepared for it.” Introducing Lean Management as a way to collaborate with businesses and organizations on how to build an effective framework for restoration and mitigation.

Working Lunch – Cyber-Security in the Supply Chain

Dr. Amelia Phillips, Chair, Pure & Applied Sciences, Computer Information Systems/Computer Science, Highline College gave a presentation about cyber-security in the supply chain industry. The risks that can occur in the industry are new hardware and software, new threat vectors and contractors, and distribution of software systems between companies. Dr. Phillips informed everyone about the malware called “Blackshades” that have affected over half a million people worldwide. This type of malware sells for as little as \$40 on the black market and is used to hijack computers, turn on webcams, access hard drives, and capture keystrokes to steal passwords all without the victim knowing what is going on.

Afternoon Panel

The first afternoon panel focused on the topic of “Natural Disasters and Economic Disruptions.”

Panel members were: Dr. Carlo Smith, Director, Supply Chain Management Institute, Central Washington University; Dr. Walter Szeliga, Geophysics Central Washington University; Dr. Toni Sipic, Economics, Central Washington University; and Dr. Jennifer Lipton, Environmental Geography, Central Washington University.

With our panel members expertise in their respected fields Forum attendees were informed about how natural disasters can affect the supply chain industry and have a critical impact on the economy. The supply chain industry has become more complex with broaden geographical coverage and has increased the vulnerabilities that can occur within industry.

The second afternoon panel was a “Networking Roundtable: Information sharing on education/training programs.”

Panel members were: Steve Lettic, Faculty and Program Coordinator, Administration of Justice Department, Highline College; Robert Lord, Program Coordinator and Faculty, Statewide

Homeland Security Emergency Management, Pierce College; Raegan Copeland, Program Coordinator and Faculty, Business, Highline College; Jesse Cooley, Manager, International Business, Bachelor of Applied Science Degree, North Seattle Community College; Abdul Waheed, Director, Transportation and Logistics Program, Lake Washington Institute of Technology.

Knowledge, skills, and abilities (KSAs) were the main focus of this roundtable. All of our educators explained that it is vital for students to be able to think critically and apply what they have learned to their internship. Applying what students have learned helps to build their critical thinking skills and work on their soft skills. Being an effective decision maker and collaborator are other skills that the panelist talked about students needing to develop.

2015 Summit: Save the Date

The third annual Center of Excellence – Homeland Security Emergency Management Summit will take place June 16-17, 2015 at Pierce College – Puyallup Campus.

This Summit will celebrate the 10th anniversary of the Center of Excellence of Homeland Security Emergency Management.

Special Thanks & Acknowledgments To Organizations Who Helped Make Our Event and Educational Learning Experience:

Highline College was founded in 1961 as the first community college in King County. With approximately 15,000 students and 350,000 alumni, it is one of the state's largest institutions of higher education. The college offers a wide range of academic transfer, professional-technical education and applied bachelor's degree programs. Alumni include former Seattle Mayor Norm Rice, entrepreneur Junki Yoshida and former Washington state poet laureate Sam Green.

Ten Centers of Excellence (CoE) are flagship institutions that build and sustain Washington's competitive advantage through statewide leadership. Each Center focuses on a targeted industry that drives the state's economy and is built upon a reputation for fast, flexible, quality education and training programs. A targeted industry is identified as one that is strategic to the economic growth of a region or state. For more information about the CoE's, visit www.coeglobaltrade.com and www.pierce.ctc.edu/dist/coe/

Since 2006, the *Central Washington University College of Business* has focused on becoming a leader in supply chain education. Today, CWU offers a B.S. Business Administration/Supply Chain Specialization at its Ellensburg, WA campus as well as Centers in Lynnwood and Des Moines, WA. For information, visit www.cwu.edu/finance-supply/fscm-home.

The *Council for Supply Chain Management Professionals* was founded in 1963, providing educational, career development, and networking opportunities to members and to the entire Supply Chain Management profession. For information, visit www.cscmp.org

The *Global Business Center* in the Foster School of Business at the University of Washington, Seattle, is home to one of only 33 federally-funded [Centers for International Business Education and Research \(CIBER\)](#). The GBC works in partnership with the U.S. Department of Education to contribute to the international understanding and competitiveness. For information, www.foster.washington.edu/centers/gbc/Pages/globalbusiness.aspx

The *Pacific NorthWest Economic Region (PNWER)* is a statutory public/private non-profit created in 1991 by the states of Alaska, Idaho, Oregon, Montana, Washington, and the Canadian provinces of British Columbia, Alberta, Saskatchewan, and the Yukon and Northwest Territories. <http://www.pnwer.org/>