An Industry-Academic Teaching Support Workshop

Supply Chain Operations, Strategy, and Infrastructure Development in a Global Economy

Georgetown University in collaboration with Northwestern University Buffett Institute

Sponsored by the National Institute of Standards and Technology (NIST)

Hospitality Sponsored by:
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MAY 18-19, 2015

AN INDUSTRY-ACADEMIC TEACHING SUPPORT WORKSHOP
Globalization and Standards:
Supply Chain Operations, Strategy and Infrastructure
May 18-19, 2015
AGENDA

Day 1 (11:30am– 6:00pm)

11:30 a.m. Registration

12 Noon LUNCH
Sponsored by ASTM International

Welcome
David Lightfoot, Professor and Director, Communication, Culture & Technology Program, Georgetown University
Gordon Gillerman, Acting Director, Standards Coordination Office, National Institute of Standards and Technology (NIST)

Keynote address:
Dieter Ernst, Senior Fellow and Professor, East-West Center

1:30 p.m. **Overview of agenda**
Jeffrey Strauss, Acting Director, Northwestern University BCICS CTIM

1:40 p.m. **Laying out the problems -Industry/government panel: Global supply chain perspectives and challenges**
Facilitator: **Charles Y. Chen**, Director, Renewable Energy & Advanced Manufacturing, Energetics Incorporated
Alexander McMillan – Rockwell International
Bruce Mahone – SAE International
Robert Ryan – IBM Global Business Services

2:55 p.m. BREAK
Sponsored by IBM

3:10 p.m. **Special presentation: From innovation-incubator to force-multiplier: The key roles voluntary standards play in achieving mission-critical public health and safety objectives**
Joseph Mohorovic, Commissioner of the U.S. Consumer Product Safety Commission

3:40 pm **Response and academia call to action**
Sandor Boyson, Robert H. Smith School of Business, University of Maryland

4:00 p.m. **Breakout Introduction and expectations**
Patricia Harris, International Standards Specialist, NIST

4:10 p.m. **Breakouts: Implications for course content**

Identify breakout group spokesperson and populate PowerPoint template slide

Focal Questions:

- *What are the most critical globalization/supply chain challenges facing industry with significant standards requirements; how will standards impact?*
- *What specific knowledge and skills will professionals need to support supply chain operations and related standardization?*
- *What are related implications/requirements for education? What needs to be covered in courses? How should/can the desired supply chain challenges and standards underpinnings be effectively captured and conveyed in current or new courses?*
- *What are challenges to related teaching (materials, faculty knowledge, course content, etc.)?*

5:00 p.m. **Reports, open discussion**

5:45 p.m. **Lead into Day 2**
Jeff Strauss

6:00 p.m. **ADJOURN**

Day 2 (8:00am – 3:45pm)

8:00 a.m. CONTINENTAL BREAKFAST
Sponsored by NSF International and SAE International

8:30 a.m. **Review of day 1**, **discussion**

8:45 a.m. **Exercise:** (working in assigned groups)

9:45 a.m. BREAK

10:00 a.m. **Exercise continues**

10:45 a.m. **Group reports, Discussion of exercise, value and potential use/further adaptation in different courses/ institutional contexts**

11:15 a.m. **Resources:**
Overview of government standards programs and resources; Note on international (competitor) initiatives
Erik Puskar, Manager, Global Standards & Information, Standards Services, NIST

Activities of the Council of Supply Chain Professionals

Tobin Porterfield, Associate Professor, Supply Chain Management, Towson University; Roundtable Education Chair, Academic Strategies Committee Member, Council of Supply Chain Management Professionals

11:45 a.m. LUNCH

12:30 p.m. **Academic panel: Research and teaching perspectives**

Facilitator: **D. Linda Garcia,** Associate Professor, Communication, Culture & Technology, Georgetown University, former Senior Associate and Project Director, Office of Technology Assessment, US Congress

Evan Barba, Georgetown University
Chaodong Han, Towson University
Jim Haddow, Howard University School of Business
Stephen K. Kwan, San Jose State University

1:45 p.m. **Breakouts (same groups as day 1): Pedagogy challenges and approaches**

Identify breakout group spokesperson and populate PowerPoint template slides

Focal questions:

- *How can the challenges to globalization/supply chain related teaching identified earlier be overcome?*
- *More broadly, how might standards content be incorporated into the curricula (fit)? Consider business, engineering and other possible "homes" and specific courses; what are course/discipline specific issues and how can they be addressed? How might this enhance or detract from course/curricula goals and university mission?*

Other questions for consideration

- *What types of support and assistance could help better enable the integration of education standards in cybersecurity related curriculum?*
- *What are specific initiatives and actions that universities and educators can do immediately to promote educational standards in supply chain curriculum?*
- *What will each of you do individually following this workshop?*

2:45 p.m. **Break out reports, discussion**

3:15 p.m. **Wrap-up discussion; Next Steps**

Moderators: **Erik Puskar, Jeff Strauss**

3:45 p.m. **ADJOURN**