

*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:**  
**Innovation in Global Networks –**  
**The Challenge for Technical Standards and Related Policies**  
**Dieter Ernst**, Senior Fellow and Professor, East-West Center
- 1:30 p.m. **Overview of Agenda**  
**Jeffrey Strauss**, Acting Director, Northwestern University Buffett Center 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  
**Carl Cargill**, Adobe Systems
- 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/COFFEE  
***Sponsored by NSF International and SAE International***

8:30 a.m.      **Exercise:** Working in assigned groups (includes working breaks)

10:00 a.m.      BREAK

10:15 a.m.      **Group Reports, Discussion of exercise, value and potential use/further adaptation in different courses/ institutional contexts**

11:00 a.m.      **Special Presentation: White House Supply Chain Innovation Initiative**  
                    **Vikrum Aiyer**, Senior Advisor, White House National Economic Council

11:20 a.m.      **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

**Resources:**

**Overview of Government Standards Programs and Resources; Note on International (competitor) Initiatives**

**Erik Puskar**, Manager, Global Standards & Information, Standards Services, NIST

11:45 a.m. LUNCH

*Sponsored by The IAPMO Group*

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**