



## Reports, Websites, Publications, Presentations, Training Workshops and Events: 2009-2016

Duke University Center on Globalization, Governance & Competitiveness  
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## DUKE CGGC RESEARCH REPORTS (listed by Client)

### Alliance for American Manufacturing (AAM)

- 2016 ["Overcapacity in Steel: China's Role in a Global Problem"](#) (Lukas Brun). Report prepared for the Alliance for American Manufacturing, September.
- 2014 ["Infrastructure Investment Creates American Jobs"](#) (Lukas Brun, Jason Jolley, Andrew Hull, and Stacey Frederick). Report prepared for the Alliance for American Manufacturing, October 15.

### Apollo Alliance, Rockefeller Foundation and Surdna Foundation

- 2015 ["Targeting Inclusive Development: A Value Chain Approach to Sewer Infrastructure Investment"](#) (Jack Daly, Lukas Brun and Andrew Guinn). Report prepared for the Surdna Foundation, April 2.
- 2012 ["U.S. Bus Rapid Transit"](#) (Marcy Lowe and Monica La). Report, [interactive database](#) and a [working meeting](#) (March 20), prepared with support from the Rockefeller Foundation, July 10.
- 2010 ["U.S. Manufacture of Rail Vehicles for Intercity Passenger Rail and Urban Transit: A Value Chain Analysis"](#) (Marcy Lowe, Saori Tokuoka, Kristen Dubay and Gary Gereffi). Report prepared for the Apollo Alliance with support from the Rockefeller Foundation and Surdna Foundation, June 22.

### Bank of America

- 2013 ["US Coal and the Technology Innovation Frontier: What role does coal play in our energy future?"](#) (Ghada Ahmed, Ajmal Abdulsamad and Gary Gereffi). Report prepared for Bank of America, March 21.

### Brazil, CNI (National Confederation of Industries)

- 2013 ["Brazilian Manufacturing in International Perspective: A Global Value Chain Analysis of Brazil's Aerospace, Medical Devices, and Electronics Sectors"](#) (Timothy Sturgeon, Gary Gereffi, Andrew Guinn, and Ezequiel Zylberberg). Report prepared for Brazil's Confederação Nacional da Indústria (CNI), September.

### Canada, DFAIT (Department of Foreign Affairs and International Trade)

- 2013 ["The NSPS Shipbuilding Value Chains"](#) (Gary Gereffi, Lukas Brun, Shawn Stokes and Andrew Guinn). Report prepared for Nova Scotia's Department of Economic and Rural Development and Tourism (ERDT), January 24.
- 2012 ["Assessing Ocean Technology Value Chains: A Guide for the Canadian Trade Commissioner Service"](#) (Lukas Brun, Joonkoo Lee and Gary Gereffi). Report prepared for Canada's Department of Foreign Affairs and International Trade (DFAIT) and Nova Scotia's Department of Economic and Rural Development and Tourism (ERDT), April 12.

- 2012 ["Nova Scotia's Ocean Technologies: A Global Value Chain Analysis of Inshore & Extreme Climate Vehicles, Unmanned Underwater Vehicles, and Underwater Sensors & Instrumentation"](#) (Gary Gereffi, Lukas Brun, Joonkoo Lee and Mary Turnipseed). Report prepared for Nova Scotia's Department of Economic and Rural Development and Tourism (ERDT), March 5.

### **Chile, CORFO (Corporación de Fomento de la Producción)**

- 2010 ["Engineering Services in the Americas"](#) (Karina Fernandez-Stark, Penny Bamber, and Gary Gereffi). Report prepared for the Inter-American Development Bank and the Chilean Economic Development Agency (CORFO), July 1.
- 2010 ["Workforce Development in Chile's Offshore Services Value Chain"](#) (Karina Fernandez-Stark, Penny Bamber and Gary Gereffi). Report prepared for CORFO, March 15.
- 2010 ["The Offshore Services Global Value Chain"](#) (Gary Gereffi and Karina Fernandez-Stark). Report prepared for CORFO, March 1.
- 2010 ["Chile's Offshore Services Value Chain"](#) (Karina Fernandez-Stark, Penny Bamber and Gary Gereffi). Report prepared for CORFO, March 1.

### **Costa Rica, COMEX (Ministerio de Comercio Exterior)**

- 2013 ["Costa Rica in Global Value Chains: An Upgrading Analysis: Medical Devices, Electronics, Aerospace and Offshore Services"](#) (Gary Gereffi, Penny Bamber, Stacey Frederick and Karina Fernandez-Stark). Report prepared for Costa Rica's Ministry of Foreign Trade (COMEX), August 8.
- [Introduction](#) (Gary Gereffi, Penny Bamber, Stacey Frederick and Karina Fernandez-Stark): Chapter 1
  - [Medical Devices](#) (Penny Bamber and Gary Gereffi). Chapter 2.
  - [Electronics](#) (Stacey Frederick and Gary Gereffi). Chapter 3.
  - [Aerospace](#) (Penny Bamber and Gary Gereffi). Chapter 4
  - [Offshore Services](#) (Karina Fernandez-Stark, Penny Bamber and Gary Gereffi). Chapter 5.

### **Duke University**

- 2016 ["Global Value Chain Analysis: A Primer: 2<sup>nd</sup> Edition"](#) (Gary Gereffi and Karina Fernandez-Stark). Duke CGGC, July.
- 2016 ["Chlorhexidine for Umbilical Cord Care: A Value Chain Analysis in Bangladesh"](#) (Jeffrey Moe and Danny Hamrick). Project for Bass Connections at Duke University. March.

### **Environmental Defense Fund (EDF)**

- 2015 ["The Solar Economy: Widespread Benefits for North Carolina"](#) (Lukas Brun, Danny Hamrick and Jack Daly). Report prepared for EDF, February.
- 2012 ["Geosynthetics: Coastal Management Applications in the Gulf of Mexico"](#) (Shawn Stokes, Susan Wunderink, Marcy Lowe and Gary Gereffi). Report prepared for EDF, July 25.

- 2012 [\*\*"Restoring Gulf Oyster Reefs: Opportunities for Innovation"\*\*](#) (Shawn Stokes, Susan Wunderink, Marcy Lowe and Gary Gereffi). Report prepared for EDF, June 3.
- 2011 [\*\*"Restoring the Gulf Coast: New Markets for Established Firms"\*\*](#) (Marcy Lowe, Shawn Stokes and Gary Gereffi). Report prepared for EDF, December 5.
- 2011 [\*\*"U.S. Smart Grid: Finding New Ways to Cut Carbon and Create Jobs"\*\*](#) (Marcy Lowe, Hua Fan and Gary Gereffi). Report prepared for EDF, April 19.
- 2011 [\*\*"The Multiple Pathways to Industrial Energy Efficiency: A Systems and Value Chain Approach"\*\*](#) (Lukas Brun and Gary Gereffi). Report prepared for EDF, February 15.
- 2010 [\*\*"Case Study: A123 Systems Local Markets and Competitiveness, A Value Chain Analysis"\*\*](#) (Gary Gereffi, Tali Trigg and Marcy Lowe). Report prepared for EDF, October 22.
- 2010 [\*\*"Case Study: Cree, Inc. Local Markets and Global Competitiveness: A Value Chain Analysis"\*\*](#) (Gary Gereffi, Ghada Ahmed and Marcy Lowe). Report prepared for EDF, October 22.
- 2010 [\*\*"Lithium-ion Batteries for Electric Vehicles: The U.S. Value Chain"\*\*](#) (Marcy Lowe, Saori Tokuoka, Tali Trigg and Gary Gereffi). Report prepared for EDF, October 5.
- 2010 [\*\*"A Value Chain Analysis of the Sinaloa, Mexico Shrimp Fishery"\*\*](#) (Kristin Dubay, Saori Tokuoka and Gary Gereffi). Report prepared for EDF, March 15.
- 2010 [\*\*"U.S. Adoption of High-Efficiency Motors and Drives: Lessons Learned"\*\*](#) (Marcy Lowe, Ruggero Golini and Gary Gereffi). Report prepared for EDF, February 25.
- 2010 [\*\*"The Development and Diffusion of Powder Coatings in the United States and Europe: A Historical and Value Chain Perspective"\*\*](#) (Lukas Brun, Ruggero Golini and Gary Gereffi). Report prepared for EDF, February 15.
- 2009 [\*\*"Public Transit Buses: A Green Choice Gets Greener"\\*<sup>1</sup>\*\*](#) (Marcy Lowe, Bengu Aytekin and Gary Gereffi), Chapter 12. Report prepared for EDF, October 26.
- 2009 [\*\*"Wind Power: Generating Electricity and Employment"\\*\*\*](#) (Gloria Ayee, Marcy Lowe and Gary Gereffi), Chapter 11. Report prepared for EDF, September 22.
- 2009 [\*\*"Residential Re-Insulation"\\*\*\*](#) (Kristen Dubay and Gary Gereffi), Chapter 10. Report prepared for EDF, August 6.
- 2009 [\*\*"Hybrid Drivetrains for Medium- and Heavy-Duty Trucks"\\*\*\*](#) (Marcy Lowe, Gloria Ayee and Gary Gereffi), Chapter 9. Report prepared for EDF, June 2.
- 2009 [\*\*"Carbon Capture and Storage: A Post-Combustion Capture Technology"\\*\*\*](#) (Kristen Dubay and Gary Gereffi), Chapter 8. Report prepared for EDF, May 4.
- 2009 [\*\*"Recycling Industrial Waste Energy"\\*\*\*](#) (Marcy Lowe and Gary Gereffi), Chapter 7. Report prepared for EDF, February 27.

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<sup>1</sup> Indicates report is part of the [Manufacturing Climate Solutions](#) Report Series.

- 2009 ["Electric Heat Pump Water Heaters"\\*](#) (Kristen Dubay, Gloria Ayee and Gary Gereffi), Chapter 6. Report prepared for EDF, February 27.
- 2009 ["A Value Chain Analysis of the U.S. Beef and Dairy Industries"](#) (Marcy Lowe and Gary Gereffi). Report prepared for EDF, February 16.
- 2008 ["Manufacturing Climate Solutions: Carbon-Reducing Technologies and U.S. Jobs \(Full Report\): Super Soil Systems, Solar Power, Auxiliary Power Units, High Performance Windows and LED Lighting"\\*](#) (Gary Gereffi, Kristen Dubay and Marcy Lowe). Chapters 1-5. Report prepared for EDF, November.
- 2008 ["A Value Chain Analysis of the U.S. Pork Industry"](#) (Marcy Lowe, Gary Gereffi). Report prepared for EDF, October 3.
- 2008 ["A Value Chain Analysis of Selected California Crops"](#) (Marcy Lowe, Gary Gereffi). Report and [appendices](#) prepared for EDF, July 4.
- 2008 ["An Analysis of the U.S. Real Estate Value Chain with Environmental Metrics"](#) (Marcy Lowe, Gary Gereffi). Report and [appendices](#) prepared for EDF, April 22.

### **High Point Market Authority**

- 2013 ["The Economic Impact of the High Point Market"](#) (Lukas Brun and Bill Lester). Report prepared for the High Point Market Authority, October 19.
- 2013 ["The Furniture Value Chain in North Carolina"](#) (Lukas Brun, Giulio Bucini, Stacey Frederick, Gary Gereffi). Report prepared for the High Point Market Authority, October.

### **Institute for Emerging Issues, North Carolina State University**

- 2011 ["Smart Grid: Core Firms in the Research Triangle Region, North Carolina"](#) (Marcy Lowe, Hua Fan and Gary Gereffi). Report for the Institute for Emerging Issues, Raleigh, NC, May 24.

### **Inter-American Development Bank (IDB)/IDB-Multilateral Investment Fund (MIF)**

- 2012 ["Inclusion of Small- and Medium-Sized Producers in High-Value Agro-Food Value Chains"](#) (Karina Fernandez-Stark, Penny Bamber and Gary Gereffi). Report prepared for Inter-American Development Bank Multilateral Investment Fund (IDB-MIF) in Latin America, December 20.
- 2012 ["Assessment of Five High-Value Agriculture Inclusive Business Projects Sponsored by the Inter- American Development Bank in Latin America"](#) (Karina Fernandez-Stark and Penny Bamber). Report prepared for IDB-MIF in Latin America, December 20. Five case studies were included (Penny Bamber and Karina Fernandez-Stark) IDB-MIF, July 5:
- [Case: Supporting the Competitiveness of Central American Coffee](#)
  - [Case: Development of Micro and Small Rural Apicultural Producers in Nicaragua & Honduras](#)
  - [Case: Conversion to Organic Cacao Cultivation in Peru](#)
  - [Case: Strengthening the Competitiveness of Organic Producers in Andean Microwatersheds](#)
  - [Case: Strengthening the Competitiveness of the Stevia Value Chain in Paraguay](#)

- 2012 ["The Competitiveness of Small Organic Cocoa Producers of the National Confederation of Dominican Cocoa Producers \(CONACADO\)"](#) (Penny Bamber and Karina Fernandez-Stark). Report prepared for IDB-MIF in Latin America, December 20.
- 2012 ["Basic Principles and Guidelines for Impactful and Sustainable Inclusive Business Interventions in High-Value Agro-Food Value Chains"](#) (Karina Fernandez-Stark and Penny Bamber). Report prepared for IDB-MIF in Latin America, December 20.
- 2011 ["Manual: Desarrollo Económico Local y Cadenas Globales de Valor"](#) (Gary Gereffi and Karina Fernandez-Stark). Report prepared for the IDB, Washington, DC, December.
- 2009 ["The Offshore Services Industry: A New Opportunity for Latin America"](#) (Gary Gereffi, Mario Castillo and Karina Fernandez-Stark). Washington, DC, IDB Policy Brief, #IDB-PB-101, December.

### **Nicaragua, National Free Zone Commission (CNZF)**

- 2014 ["Nicaragua and the Apparel Value Chain in the Americas: Implications for Regional Trade and Employment"](#) (Stacey Frederick, Jennifer Bair and Gary Gereffi). Report prepared for Nicaragua's National Free Zone Commission (CNZF), March 18.

### **OECD**

- 2014 ["Capturing the Gains in Africa: Making the Most of Global Value Chain Participation"](#) (Annelies Goger, Andrew Hull, Stephanie Barrientos, Gary Gereffi, and Shane Godfrey). Input paper for OECD Africa Economic Outlook, February.
- 2012 ["Upgrading in Global Value Chains: Addressing the Skills Challenge in Developing Countries"](#) (Karina Fernandez-Stark, Penny Bamber and Gary Gereffi.). Commissioned by the OECD as a background paper for the 2013 report "Perspective on Global Development," September 26.

### **Oxfam America**

- 2015 ["Pro-Poor Development and Power Asymmetries in Global Value Chains"](#) (Ajmal Abdulsamad, Stacey Frederick, Andrew Guinn, and Gary Gereffi). Report prepared for Oxfam America, September.
- 2013 ["Realizing the Potential of African Agriculture: Innovations and Market Access for Smallholder Farmers"](#) (Ajmal Abdulsamad, Lukas Brun, and Gary Gereffi). Report prepared for Oxfam America, May.

### **RTI International**

- 2011 ["Skills for Upgrading: Workforce Development and Global Value Chains in Developing Countries \(Full Report\)"](#) (Gary Gereffi, Karina Fernandez-Stark and Phil Psilos). Report prepared for RTI International, November 15. Includes chapters on economic upgrading and workforce development in four industry value chains (see the [project page](#) for more information):
- [Workforce Development in the Global Economy: Linking Skills and Capabilities](#) (Phil Psilos and Gary Gereffi). Chapter 1.
  - [Fruit and Vegetables](#) (Karina Fernandez-Stark, Penny Bamber and Gary Gereffi). Chapter 2.
  - [Apparel](#) (Karina Fernandez-Stark, Stacey Frederick and Gary Gereffi). Chapter 3.



- [Offshore Services](#) (Karina Fernandez-Stark, Penny Bamber and Gary Gereffi). Chapter 4
- [Tourism](#) (Michelle Christian, Karina Fernandez-Stark, Ghada Ahmed and Gary Gereffi). Chapter 5.
- [Meeting the Upgrading Challenge: Dynamic Workforces for Diversified Economies](#) (Gary Gereffi, Karina Fernandez-Stark, Penny Bamber, Phil Psilos and Joe DeStefano). Chapter 6.

## USAID and Partners

- 2016 [The Philippines in Manufacturing Global Value Chains: An Introduction](#) Report on behalf of the USAID/Philippines, through the Science, Technology, Research and Innovation for Development (STRIDE) Program. This study is part of the Philippines Department of Trade and Industry (DTI) Board of Investment (BOI) Roadmap Initiative for the revitalization of the manufacturing industry in the Philippines. May. The project included chapters on the following industry global value chains:
- [Aerospace](#) (Penny Bamber, Stacey Frederick and Gary Gereffi).
  - [Automotive](#) (Timothy Sturgeon, Jack Daly, Stacey Frederick, Penny Bamber and Gary Gereffi).
  - [Electronics and Electrical](#) (Stacey Frederick and Gary Gereffi).
  - [Chemical](#) (Penny Bamber, Stacey Frederick and Gary Gereffi).
  - [Paper](#) (Jack Daly, Penny Bamber and Gary Gereffi).
- 2015 [Public-Private Partnerships in Global Value Chains: Can They Actually Benefit the Poor?](#) (Ajmal Abdulsamad, Shawn Stokes and Gary Gereffi). USAID Leveraging Economic Opportunities (LEO) Report #8, February.
- 2014 [“USAID Jordan Competitiveness Program: Jordan ICT Cluster, ICT Taxonomy and Subsector Selection Report”](#) (Gary Gereffi, Timothy Sturgeon, Ghada Ahmed, Jack Daly and Jonathan Morgan). Study commissioned by USAID/Development Alternatives Inc. (DAI), February 15.
- 2010 [“Strengthening Nicaragua’s Position in the Textile-Apparel Value Chain: Upgrading in the Context of the CAFTA-DR Region”](#) (Gary Gereffi and Jennifer Bair). Study commissioned by USAID/CARANA and the National Free Zones Commission (CNZF/Government of Nicaragua). December 20.

## U.S. Department of Defense, MINERVA Initiative

(See the [Duke Minerva website](#) for more information)

- 2013 [“Wheat Value Chains and Food Security in the Middle East and North Africa Region”](#) (Ghada Ahmed, Danny Hamrick, Andrew Guinn, Ajmal Abdulsamad and Gary Gereffi). Report prepared for U.S. Dept. of Defense Minerva Initiative, August.

## The Walton Family Foundation

- 2010 [“Agricultural Value Chains in the Mexicali Valley of Mexico: Main Producers and Buyers”](#) (Lukas Brun, Ajmal Abdulsamad, Christopher Guertsen and Gary Gereffi). Report prepared for The Walton Family Foundation, September 15.

## World Bank

- 2016 [“Opportunities for Upgrading in Peru.”](#) Report prepared for the World Bank, January. The project included chapters on Peru in the following industry global value chains:
- [Table Grapes](#) (Karina Fernandez-Stark, Penny Bamber and Gary Gereffi)

- [High Quality Cotton Textiles and Apparel](#) (Karina Fernandez-Stark, Penny Bamber, Gary Gereffi)
  - [Mining Equipment](#) (Penny Bamber, Karina Fernandez-Stark and Gary Gereffi)
- 2014 [“Burundi in the Agribusiness, Coffee and Energy Global Value Chains: Skills for Private Sector Development: Project Overview”](#) (Penny Bamber, Andrew Guinn, and Gary Gereffi). Report prepared for the World Bank, February 28. This Skills for Private Sector Development project included reports on the following industry value chains in Burundi:
- [Burundi in the Agribusiness Global Value Chain](#) (Penny Bamber, Ajmal Abdulsamad and Gary Gereffi)
  - [Burundi in the Coffee Global Value Chain](#) (Penny Bamber, Andrew Guinn and Gary Gereffi)
  - [Burundi in the Energy Global Value Chain](#) (Penny Bamber, Andrew Guinn and Gary Gereffi)
- 2011 [“Global Value Chain Analysis: A Primer”](#) (Gary Gereffi and Karina Fernandez-Stark). Report prepared as background document for World Bank training workshop on Global Value Chains in Astana, Kazakhstan, May 31.
- 2010 [“The Global Apparel Value Chain, Trade and the Crisis: Challenges and Opportunities for Developing Countries”](#) (Gary Gereffi and Stacey Frederick). Report prepared for World Bank project on “Global Value Chains and the Crisis.” World Bank Policy Research Working Paper 5281, June.
- 2010 [“The Offshore Services Value Chain: Developing Countries and the Crisis”](#) (Gary Gereffi and Karina Fernandez-Stark). Report prepared for World Bank project on “Global Value Chains and the Crisis.” World Bank Policy Research Working Paper 5262, April.

## World Health Organization (WHO)

- 2014 [“The Tobacco Global Value Chain in Low Income Countries”](#) (Annelies Goger, Penny Bamber, Gary Gereffi). Report prepared for WHO and UNCTAD, February.

## DUKE CGGC-HOSTED WEBSITES

- 2005-2015 Global Value Chain Initiative: [www.GlobalValueChains.org](http://www.GlobalValueChains.org)
- 2004-2015 North Carolina in the Global Economy: [www.NCGlobalEconomy.com](http://www.NCGlobalEconomy.com)
- 2012-2015 California in the Nano Economy: [www.CaliforniaNanoEconomy.org](http://www.CaliforniaNanoEconomy.org)

## GVC TRAINING WORKSHOPS & EVENTS

- 2015 “The Role of Services in Global Value Chains” (Gary Gereffi, Penny Bamber and Karina Fernandez-Stark,). Kazakhstan Industrial Development Institute (KIDI), Ministry of Investment and Development. Astana, Kazakhstan, May 18-22.
- 2014 GVC Training Workshop (Penny Bamber, Karina Fernandez-Stark and Gary Gereffi). Uruguay’s Ministry of Industry, Energy & Mining. Montevideo, Uruguay, December 8-12.
- 2014 Duke CGGC and the Duke Sanford School of Public Policy hosted the [“Duke Global Summit: Governance and Development in a Value Chain World,”](#) October 29-31.
- 2014 Global Value Chains in the African Context Workshop (Karina Fernandez-Stark and Penny Bamber). African Development Bank. Tunis, Tunisia, January.



- 2013 Training Workshop (Penny Bamber, Karina Fernandez-Stark and Gary Gereffi). African Development Bank. Tunis, Tunisia, September.
- 2013 Case Writing Workshop (Penny Bamber and Gary Gereffi). Caribbean Center for Competitiveness (CCfC). University of the West Indies, St. Lucia, May 2-3.
- 2012 “Global Value Chains and Industry Competitiveness in the Caribbean: Identifying Opportunities for Growth” (Penny Bamber and Karina Fernandez-Stark). Caribbean Center for Competitiveness (CCfC). University of the West Indies, Trinidad & Tobago, October 8-12.
- 2009 Duke CGGC hosted the second annual Duke-VIU International Summer Research Workshop on [“Economic, Social and Environmental Restructuring in Global Value Chains,”](#) July 5-10.

## OTHER PUBLICATIONS by Duke CGGC Researchers

- 2016 [\*\*The Gender Dimensions of Global Value Chains\*\*](#) (Penny Bamber and Cornelia Staritz). Paper for the International Centre for Trade and Sustainable Development (ICTSD). September.
- 2016 [\*\*“China’s Greatest Legacy was to Create a Model of Inclusive Development”\*\*](#)(Gary Gereffi). Interview for the Integration and Trade Journal. June.
- 2016 [\*\*“Global value chains and upgrading: Export promotion in FTZs”\*\*](#) (Gary Gereffi). Article for the World FZO Bulletin Issue 5. May 2016.
- 2016 [\*\*“Syria Wheat Value Chain and Food Security”\*\*](#) (Ghada Ahmed). Duke MINERVA Research Brief No. 8. March 2016.
- 2016 [\*\*“Moroccan Food Security and the Wheat Value Chain”\*\*](#) (Gabriel Arrisueño, Ghada Ahmed, Danny Hamrick, Sona Nahapetyan). Research Brief No. 7, prepared for U.S. Dept. of Defense Minerva Initiative, January.
- 2016 [\*\*“Bahrain’s Position in the Global Apparel Value Chain: How the U.S.-Bahrain FTA and TPLs Shape Future Development Options”\*\*](#) (Bair, Frederick and Gereffi). Report prepared for the Embassy of Bahrain, Washington, DC.
- 2016 [\*\*“Stitches to Riches?: Apparel Employment, Trade, and Economic Development in South Asia”\*\*](#) (Gladys Lopez-Acevedo and Raymond Robertson (eds.)). Washington, DC: World Bank.
- [\*\*“Benchmarking South Asia in the Global Apparel Industry”\*\*](#) (Stacey Frederick), Chapter 2, p. 39-76.
  - [\*\*“Policies to Foster Apparel Exports and Jobs”\*\*](#) (Atisha Kumar, Stacey Frederick, and Raymond Robertson,), Chapter 5, p. 143-177.
- 2016 [\*\*“Promoting Decent Work in Global Supply Chains \(GSCs\) in Latin America and the Caribbean \(LAC\): Key Issues, Good Practices, Lessons Learned and Policy Insights”\*\*](#) (Gary Gereffi, Penny Bamber and Karina Fernandez-Stark). Report prepared for the International Labour Organisation (ILO).
- 2016 [\*\*“Connecting to the World Market through Regional Value Chains: Partnership Opportunities in Coconut Value Chain for the Small Caribbean Economies”\*\*](#) (Ajmal Abdulsamad). Report prepared for the International Trade Center (ITC).
- 2015 [\*\*“Regional Trade Agreements and Export Competitiveness: the Uncertain Path of Nicaragua’s Apparel Exports under CAFTA”\*\*](#) (Frederick, Bair and Gereffi). *Cambridge Journal of Regions, Economies and Societies*, forthcoming special issue, online release June 24.
- 2015 [\*\*“Comparing Russia’s and Ukraine’s Wheat GVC”\*\*](#) (Ghada Ahmed, Danny Hamrick, Drew Haerer, Gary Gereffi, Lincoln Pratson). Research Brief No. 6, prepared for U.S. Dept. of Defense Minerva Initiative, May.
- 2015 [\*\*“Role of Private Firms in the Egyptian Maize Value Chain”\*\*](#) (Marie Veyrier, Ghada Ahmed, Danny Hamrick). Research Brief No. 5, prepared for U.S. Dept. of Defense Minerva Initiative, May.

- 2015 ["Quantifying the Value of Place-based Exchange within a Global Production Network"](#) (William Lester and Lukas Brun). *Regions* 297, No. 297, Issue 1, p. 16-18.
- 2015 ["Nanotechnology in Society: An Overview"](#) (Christine Shearer, Jennifer Rogers-Brown and Stacey Frederick). California Research Bureau Short Subject S-15-002, February.
- 2014 [The Future of Manufacturing: Driving Capabilities, Enabling Investments](#) (Contributing authors: Gary Gereffi and Stacey Frederick). World Economic Forum (WEF) Global Agenda Council on the Future of Manufacturing and UNIDO, November.
- 2014 [Combining the Global Value Chain and Global I-O Approaches](#) (Stacey Frederick). Discussion paper prepared for the International Conference on the Measurement of International Trade and Economic Globalization. Aguascalientes, Mexico, September.
- 2014 ["North Carolina's Manufacturing Wage Gap"](#) (Gary Gereffi and Aaron Sydor). Research Brief, September.
- 2014 ["Hubs and Communities: A Structural Analysis of MENA's Wheat Network"](#) (Jonathan Morgan, Jack Daly, Ghada Ahmed, Danny Hamrick, Andrew Guinn, Ajmal Abdulsamad, Annelies Goger, Gary Gereffi and Lincoln Pratson). Research Brief No. 4 prepared for U.S. Dept. of Defense Minerva Initiative, September.
- 2014 ["Changing Food Systems and Inequality: Implications for Food Security and Public Policy"](#) (Andrew Guinn and Danny Hamrick). Report prepared for the European Union and Oxfam.
- 2014 ["What Role Can Coal Play in the United States' Energy Future?"](#) (Ghada Ahmed, Ajmal Abdulsamad, Gary Gereffi, Jack Daly). *The Electricity Journal*, 27(3), p. 87-95.
- 2014 ["Shifting Sources of Wheat Supply for MENA Countries: the Rise of the Black Sea"](#) (Annelies Goger, Ajmal Abdulsamad, Danny Hamrick, Ghada Ahmed, Andrew Guinn, Jack Daly, Jonathan Morgan and Gary Gereffi). Research Brief No. 3, prepared for U.S. Dept. of Defense Minerva Initiative, May.
- 2014 ["Comparing Egypt and Saudi Arabia's Wheat GVC"](#) (Danny Hamrick, Ghada Ahmed, Andrew Guinn, Ajmal Abdulsamad, Annelies Goger, Jack Daly, Jonathan Morgan and Gary Gereffi). Research Brief No. 2 prepared for U.S. Dept. of Defense Minerva Initiative, April.
- 2014 ["Global Value Chain Analysis and Food Security"](#) (Andrew Guinn, Danny Hamrick, Ghada Ahmed, Ajmal Abdulsamad, Annelies Goger, Jack Daly, Jonathan Morgan and Gary Gereffi). Research Brief No. 1 prepared for U.S. Dept. of Defense Minerva Initiative, April.
- 2014 ["Twelve Years of Nanoscience and Nanotechnology Publications in Mexico"](#) (Edgar Lau Záyago, Stacey Frederick and Guillermo Foladori). *Journal of Nanoparticle Research*, 16(1), Article 2193.
- 2014 [A Indústria Brasileira e as Cadenas Globais de Valor](#) (Brazilian Industry in Global Value Chains) (Timothy Sturgeon, Gary Gereffi, Andrew Guinn and Ezequiel Zylberberg). São Paulo, Brazil: Elsevier.
- 2014 ["Chapter 7: Sector Case Study: Apparel"](#) (Cornelia Staritz and Stacey Frederick). Pp. 209-244 in T. Farole and D. Winkler (eds.), [Making Foreign Direct Investment Work for Sub-Saharan Africa: Local Spillovers and Competitiveness in Global Value Chains](#). Washington, DC: The World Bank.

- 2014 [\*\*"Globalization, Recession and the Internationalization of Industrial Districts: Experiences from the Italian Gold Jewelry Industry"\*\*](#) (Valentina De Marchi, Joonkoo Lee and Gary Gereffi). *European Planning Studies* 22(4), p. 866-884.
- 2014 [\*\*"Risks and Opportunities of Participation in Global Value Chains"\*\*](#) (Gary Gereffi and Xubei Luo). World Bank Policy Research Working Paper 6847, April.
- 2014 [\*\*"Global Value Chains in a Post-Washington Consensus World"\*\*](#) (Gary Gereffi). *Review of International Political Economy* 21(1), p. 9-37.
- 2014 **"Towards Better Work in Central America: Nicaragua and the CAFTA Context"** (Jennifer Bair and Gary Gereffi). Pp. 251-275 in Arianna Rossi, Amy Luinstra and John Pickles (eds.), *Towards Better Work: Understanding Labour in Apparel Global Value Chains*. Basingstoke, UK: Palgrave Macmillan and the International Labour Office.
- 2014 [\*\*Global Value Chains and World Trade: Prospects and Challenges for Latin America\*\*](#) (R. Hernández, J. Mario Martínez-Piva and N. Mulder (eds.)), Santiago, Chile: Economic Commission for Latin America and the Caribbean (ECLAC).
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["Food Security and the Wheat Value Chain in Egypt"](#) (Ghada Ahmed, Danny Hamrick, and Gary Gereffi). 2nd International Conference on Global Food Security, Cornell University, Ithaca, NY, October 11, 2015.

["California in the Nanotechnology Economy"](#) (Stacey Frederick, Rich Appelbaum, Barbara Harthorn). CNS Research Summit and NSF Site Visit, Santa Barbara, CA, May 7, 2012.

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["A Value Chain Approach to Understanding the Impact of Nanotechnology"](#) (Stacey Frederick, Rachel Parker, Rich Appelbaum, Gary Gereffi). CNS Research Summit and NSF Site Visit, Santa Barbara, CA, January 23, 2009.

## PRESENTATIONS by Duke CGGC Researchers

2016

["Global Value Chains and Industrial Clusters"](#) (Gary Gereffi). iBegin Conference at Temple University's Fox School of Business. October 30.

["A Global Value Chain Analysis of Food Security and Food Staples for Major Energy-Exporting Nations in the Middle East and North Africa"](#) (Ghada Ahmed, Danny Hamrick, Sona Nahapetyan, Gary Gereffi and Lincoln Pratson). Minerva Annual meeting. September 15, 2016

["Africa & Tourism Global Value Chains"](#) (Jack Daly and Gary Gereffi). Industries without Smokestacks Workshop. July 19.

["Global Value Chains and Development: Concepts and Methodologies"](#) (Gary Gereffi). World Bank Group, Trade & Competitiveness GVC Workshop on Technical Tools and Operations. June 17.

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["Philippines Participation in GVCs: Analysis and Findings"](#) (Penny Bamber). Public forum at the Makati Diamond Residential Suites in Manila, Philippines. June 2.

["Global Value Chains and the Changing Geography of Development"](#) (Gary Gereffi). Segnavie lecture in Padova, Italy. April 13.

["Productive Development Policies and Upgrading: Linking Value Chains, Regions and Firms"](#) (Gary Gereffi). Presentation at the Seminario BOT in Mexico City, Mexico. March 1, 2016.

2015

["Global Value Chains and Duke CGGC's Collaboration in Kazakhstan"](#) (Gary Gereffi). RCGC Launch Event, Astana, Kazakhstan, November 18.

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["Global Value Chain Analysis of Food Security and Food Staples for Major Energy- Exporting Nations in the Middle East and North Africa: Russia Focus"](#) (Ghada Ahmed, Danny Hamrick). Strategic Multi-Layer Assessment (SMA) Lecture Series, Department of Defense, Washington, DC, September 8.

["The Wheat Value Chain and Food Security in the Middle East and North Africa"](#) (Ghada Ahmed). International Affairs Institute (IAI) of Rome and the OCP Policy Center of Rabat, Seminar on Linking Food Security to Sustainable Agricultural Policies in the Mediterranean, Milan, Italy, June 20.

["Public-Private Partnerships in Global Value Chains: Can They Actually Benefit the Poor?"](#) (Ajmal Abdulsamad). Donor Committee for Enterprise Development (DCED) Annual Meeting, Copenhagen, Denmark, June 17.

["The Wheat Value Chain and Food Security in the Middle East and North Africa"](#) (Danny Hamrick and Ghada Ahmed). International Policy Studies Organization (IPSO) Conference on Middle East Dialogue 2015, Washington, DC, February 26.

["Rwanda Warehouse Receipt System"](#) (Lukas Brun). Presentation for the Joint Leadership Network for African Agriculture. Sponsored by Rockefeller Foundation. Rome, Italy, February 15.

["Can Public-Private Partnerships Actually Benefit the Poor?"](#) (Gary Gereffi, Ajmal Abdulsamad, and Shawn Stokes). USAID Microlinks Seminar Series #18, Washington, DC, January 29.

## 2014

["North Carolina in the Global Economy"](#) (Lukas Brun). Presentation to World View Community College Symposium, Chapel Hill, NC, November 12.

["Shifting Governance Structures in the Wheat Value Chain: Implications for Food Security in the Middle East and North Africa"](#) (Ghada Ahmed, Danny Hamrick, and Gary Gereffi). Global Value Chains and Trade Policies for Food and Nutrition Security Workshop. Roma Tre University: Rome, Italy, September 26.

["New NC in the Global Economy \(NCGE\) Features"](#) (Stacey Frederick). Forum on North Carolina in the Global Economy, Durham, NC, April 21.

## 2013

["Who is the Nanotechnology Economy? Obstacles and Methods of Identifying and Estimates of U.S. Nano Firms & Workers"](#) (Stacey Frederick). Sustainable Nanotechnology Organization (SNO) Conference, Santa Barbara, CA, November 4.

["Method and Platform for Identifying Stakeholders in the Nanotechnology Economy"](#) (Stacey Frederick). S.NET Conference, Boston, MA, October 28.

["Twelve Years of Nanotechnology in Mexico \(2000 - 2012\)"](#) (Stacey Frederick, Edgar Záyago, Guillermo Foladori and Edgar Arteaga). S.NET Conference, Boston, MA, October 28.

["The Economic Impact of the High Point Market"](#) (Lukas Brun and Bill Lester). High Point Market Press Breakfast Presentation, High Point, NC, October 18.

**"Quantifying the Nanotechnology Workforce in the US: Identifying a method and barriers for estimating nanotechnologists"** (Stacey Frederick and Rachel Parker). Society for the Advancement of Socio-Economics (SASE) Annual Meeting, Milan, Italy, June 28.

**"Medical Devices Global Value Chain: Opportunities and Challenges for Upgrading"** (Gary Gereffi). Life Sciences Forum, San Jose, Costa Rica, March 20.

**"The NSPS Shipbuilding Value Chains"** (Lukas Brun, Gary Gereffi, Andrew Guinn). NSPS Shipbuilding, Nova Scotia, Canada, January 25.

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## 2012

**"The Coal Industry Value Chain and Competitiveness"** (Gary Gereffi, Ghada Ahmed and Ajmal Abdulsamad). Briefing presentation to U.S. Congress, Washington, DC, July 17.

**"Smart Grid and the North Carolina Business Community"** (Marcy Lowe). NC Smart Grid Technical Forum, Charlotte, NC, May 1-2.

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## 2011

**"Skills for Upgrading: Workforce Development and Global Value Chains in Developing Countries"** (Gary Gereffi, Karina Fernandez-Stark and Phil Psilos). Project presentation of key findings and recommendations, Inter-American Development Bank, Washington, DC, November 17.

**"Nova Scotia's Ocean Technologies"** (Gary Gereffi, Lukas Brun, and Mary Turnipseed). GVC Analysis in the Ocean Technology Sector Workshop organized by Canada's Department for Economic and Rural Development and Tourism (EDRT), Nova Scotia, Canada, October 20.

**"Smart Grid and the Research Triangle Region"** (Marcy Lowe). Wake County Economic Development Board Meeting, Raleigh, NC, October 11.

**"Smart Grid in the Research Triangle: the "Who" and the "What"** (Marcy Lowe). Triangle J Council of Governments Board of Delegates meeting, Durham, NC. September 28.

**"Global Value Chain Analysis: A Framework for Analyzing Upgrading and Competitiveness in Global Industries"** (Gary Gereffi). GVC workshop in Astana, Kazakhstan, The World Bank and Kazakhstan Ministry in Industry and New Technologies (MINT), June 16-17.

**"Global Value Chain Analysis: A Competitiveness Framework for Ocean Technologies Companies in Nova Scotia"** (Gary Gereffi). Seminar on "Analyzing Global Value Chains: Canada's Trade and Nova Scotia's Ocean Technologies Sector," organized by the Department for Economic and Rural Development and Tourism, Halifax, NS, Canada, June 8.

**"Smart Grid: Core Firms in the Research Triangle"** (Marcy Lowe). Research Triangle Clean Tech Cluster, Durham, NC. April 8.

**[“A Value Chain Research Approach to Nanotechnology: a Framework for Competition and Collaboration”](#)** (Stacey Frederick). CNS Seminar Speakers Series, Santa Barbara, CA, March 2.

**[“Manufacturing Jobs in Clean Energy Value Chains”](#)** (Marcy Lowe). Good Jobs, Green Jobs National Conference, Washington, DC, February 8.

2010

**[“Clean Energy Transportation: The Case for U.S. Jobs”](#)** (Marcy Lowe). Congressional breakfast hosted by the Aspen Institute. Washington, DC, June 24.

**[“U.S. Passenger and Transit Rail Equipment Manufacture: Final Data”](#)** (Marcy Lowe). Transportation Manufacturing Action Plan Task Force Meeting. Convened by The Apollo Alliance, Washington, DC, June 23.

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**[“Value Chain Analysis of the U.S. Bus Industry: Key Findings”](#)** (Marcy Lowe). Briefing with the President’s Council on Environmental Quality, organized by the American Public Transit Association. Washington, DC, February 25.

**[“U.S. Transit Bus Industry: A Value Chain Analysis”](#)** (Marcy Lowe). Capitol Hill Briefing, organized by the Environmental and Energy Study Institute. Washington, DC, January 14.

2009

**[“Low-Carbon Competitiveness and U.S. Hybrid Trucks”](#)** (Marcy Lowe). Hybrid Truck Users Conference (HTUF), organized by CALSTART. Atlanta, GA, October 28.

**[“La Industria de Los Servicios ‘Offshoring’: Una Nueva Oportunidad para America Latina”](#)** (Gary Gereffi, Mario Castillo, y Karina Fernandez-Stark). Red Iberoamericana de Organismos de Promoción Comercial, “La Promoción del Comercio y la Inversión en Iberoamérica. ¿Podemos Avanzar hacia la Promoción Regional?” Cancún, México, October 21.

**[“Six Competitive Characteristics of the Hybrid Truck Industry”](#)** (Marcy Lowe). Capitol Hill Briefing, organized by CALSTART. Washington, DC, June 11.

**[“Manufacturing Climate Solutions in a Carbon-Constrained World”](#)** (Gary Gereffi and Marcy Lowe). Good Jobs, Green Jobs National Conference, Washington, DC, February 5.

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