Lukas C. Brun

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Professional Website

Education

Ph.D. (expected May 2017), Public Administration, North Carolina State University
Dissertation: "The Dual Role of Public Procurement Policy: Using Procurement to Achieve Economic, Social, and Environmental Goals"
Committee members: Branda Nowell (chair), Jerrell Coggburn, Andrew Taylor, Jeffrey Diebold

M.P.A, 2009, University of North Carolina at Chapel Hill

M.A., Political Science, 2001, University of North Carolina at Chapel Hill

B.A., Economics, 1995, Texas Christian University

B.S., Political Science, 1995, Texas Christian University

Professional Experience

Senior Research Analyst
Duke University, Center on Globalization, Governance & Competitiveness
Social Science Research Institute
Durham, North Carolina (2009 – present)

Senior Research Associate
University of North Carolina at Chapel Hill, Center for Competitive Economies
Frank Hawkins Kenan Institute of Private Enterprise
Chapel Hill, North Carolina (2007 – 2009)

Economist
North Carolina Technological Development Authority
Research Triangle Park, North Carolina (2000)

Research Economist
Recon Research Corporation
Los Angeles, California (1995-1999)

Research Interests

Public Administration:	Organizational Theory; Public Management; Interorganizational Relations and Collaborative Networks
Public Policy:	Sustainable Procurement; Inclusive Development; Local and Regional Economic Development; Local and Regional Governance

Publications

Lukas C. Brun: *Organizational Theory and Public Policy*. American Governance, volume 4 edited by Stephen Schechter, Thomas S. Vontz, Thomas A. Birkland, Mark A. Graber, John J. Patrick, 02/2016: pages 14-16; Macmillan Reference USA.

William T. Lester, Lukas C. Brun: *Quantifying the Value of Place-Based Exchange Within a Global Production Network: The Case Of High Point North Carolina's Furniture Market*. Regions 05/2015; 297(1):16-18.

John Hardin, Lauren Lanahan, Lukas C. Brun: *Assessing State-Level Science and Technology Policies: North Carolina's Experience with SBIR State Matching Grants*. The Oxford Handbook of Local Competitiveness, Edited by David Audretsch, Albert Link, Mary Walshok, 01/2015: chapter 21: pages 385-400; Oxford University Press., ISBN: 978-0-19-999330-7

Lukas C. Brun, G. Jason Jolley: *Increasing Stakeholder Participation in Industry Cluster Identification*. Economic Development Quarterly 07/2011; 25(3):211-220.

G. Jason Jolley, E Brent Lane, Lukas C. Brun: *Economic Development Planning In Bedroom Communities: A Case Study of Chatham County, North Carolina*. Journal of Community and Economic Development 2011; 6(1): 113–128.

Works in Progress

Lukas C. Brun (under review): *The Dual Role of Public Procurement Policy.* Revise and Resubmit with the Journal of Public Procurement

Lukas C. Brun, Jack Daly (in preparation): *Using Public Procurement to Achieve Social Equity Goals in Water Infrastructure Construction: Evidence from U.S. Local Governments*

Lukas C. Brun, Joonkoo Lee (in preparation): *The Role of the State in Global Value Chains*

Lukas C. Brun, Bryan Dinner (in preparation): *Rural Places in Global Spaces: Addressing the Challenge of Uneven Development in Appalachia North Carolina's Automotive and Beverage Industries*

Research Grants

Alliance for American Manufacturing (2015-2016): *Industrial Overcapacity in the Global Steel Industry.* Secured funding to investigate overcapacity in the global steel industry. Additional roles: lead author and project manager.

Duke University Bass Connections (2013-2016): *North Carolina in the Global Economy: the workforce development challenge.* Secured funding to develop an interdisciplinary team of undergraduates to research competitiveness and workforce issues in North Carolina using the global value chain framework. Additional roles: co-instructor.

Surdna Foundation (2015): *Using Water Infrastructure to Equitable Economic Development.* Secured funding to investigate how municipal water systems have successfully included minority-owned, women-owned, and other disadvantaged businesses in the value chain of water infrastructure construction. Additional roles: project manager and co-author.

Environmental Defense Fund (2015): *Utility-scale Solar Power in North Carolina.* Secured funding to investigate the opportunities and constraints in developing utility scale solar power in North Carolina. Additional roles: project manager and lead author.

Alliance for American Manufacturing (2014): *The Economic Impact of Expanded Investment in Transportation Infrastructure.* Secured funding to investigate the economic impact of transportation infrastructure investments. Additional roles: project manager and lead author.

High Point Market Authority (2014): *The Economic Impact of the High Point Furniture Market.* Secured funding from the High Point Market Authority to investigate the economic impact of the furniture market in High Point, NC. Additional roles: project manager and lead author.

Nova Scotia Department of Economic and Rural Development and Tourism (2012): *National Ship-Building Procurement Strategy Value Chain Analysis.* Secured funding to investigate the participation of local companies in the Canadian NSPS shipbuilding projects. Additional roles: project manager and co-author researcher.

Canadian Department of Foreign Affairs and International Trade (2012): *Working with Global Value Chains in support of the Canadian Ocean Technology Sector.* Secured funding to investigate how Canada's trade commissioners can use global value chain theory to promote economic development. Additional roles: project manager and lead author.

Nova Scotia Department of Economic and Rural Development and Tourism (2011): *Opportunities in the Ocean Technology Sector.* Secured funding to investigate the participation of Canadian companies in the ocean technology sector. Additional roles: project manager and co-author.

Environmental Defense Fund (2011): *Overcoming Barriers to Profitable and Energy-Saving Investments.* Secured funding to investigate industrial energy efficiency using a systems and value chain approach. Additional roles: project manager and lead author.

Walton Family Foundation (2010): *Agriculture Supply Chain in the Mexicali Valley.* Secured funding to investigate water use stakeholders in the Mexicali Valley of Mexico. Additional roles: project manager and lead author.

Conference Papers/Presentations

Lukas C. Brun: *Using Public Procurement to Achieve Social Equity Goals: Evidence from U.S. Local Governments*. Association for Public Policy and Management (APPAM) Fall Research Conference, Washington, DC; 11/2016 (accepted)

Lukas C. Brun: *Government Procurement and Social Equity (Roundtable Discussion).* Association for Public Policy and Management (APPAM) Fall Research Conference, Washington, DC; 11/2016 (accepted)

Lukas C. Brun and Joonkoo Lee: *The Role of the State in Global Value Chains.* Society for the Advancement of Socio-Economics (SASE), Berkeley, CA; 06/2016

Lukas C. Brun: *Using Public Procurement to Achieve Sustainable Development Goals.* Association for Public Policy and Management (APPAM), London; 06/2016

Discussant, *Innovations in Public Management.* Association for Public Policy and Management (APPAM), London; 06/2016

Lukas C. Brun: *The Eddies of Globalization: Local Production in an Age of Global Opportunities*. Society for the Advancement of Socio-Economics (SASE), Chicago; 10/2014

Lukas C. Brun: *Local Lessons from Science, Technology, and Innovation (STI) Initiatives: Evaluating SBIR State Matching Grants in North Carolina.* Southeast Conference on Public Administration (SeCOPA), Coral Springs, FL; 10/2012

Technical Reports

Lukas C. Brun: *Overcapacity in Steel: China's Role in a Global Problem*. Affiliation: Duke University: Center on Globalization, Governance & Competitiveness; 09/2016

Jack Daly, Lukas C. Brun: *Targeting Inclusive Development: A Value Chain Approach to Water Infrastructure Investments*. Affiliation: Duke University: Center on Globalization, Governance & Competitiveness; 03/2015

Lukas C. Brun, Danny Hamrick, Jack Daly: *The Solar Economy: Widespread Benefits for North Carolina*. Affiliation: Duke University: Center on Globalization, Governance & Competitiveness; 02/2015

Lukas C. Brun, G. Jason Jolley, Andrew Hull: *Infrastructure Investment Creates American Jobs*. Affiliation: Duke University: Center on Globalization, Governance & Competitiveness; 10/2014

T. William Lester, Lukas Brun: *The Economic Impact of the High Point Market*. Affiliation: Duke University: Center on Globalization, Governance & Competitiveness; 10/2013

Lukas C. Brun, Giulio Buciuni, Stacey Frederick, Gary Gereffi: *The Furniture Value Chain in North Carolina*. Affiliation: Duke University: Center on Globalization, Governance & Competitiveness; 10/2013

Ajmal Abdulsamad, Lukas Brun, Gary Gereffi: *Realizing the Potential of African Agriculture: Innovations and Market Access for Smallholder Farmers.* Affiliation: Duke University: Center on Globalization, Governance & Competitiveness; 05/2013

Gary Gereffi, Lukas Brun, Shawn Stokes, Andrew Guinn: *The NSPS Shipbuilding Value Chains (Nova Scotia, Canada)*. Affiliation: Duke University: Center on Globalization, Governance & Competitiveness; 01/2013

Lukas C. Brun, Joonkoo Lee, Gary Gereffi: *Accessing Ocean Technology Value Chains: a Guide for the Canadian Trade Commissioner Service.* Affiliation: Duke University: Center on Globalization, Governance & Competitiveness; 04/2012

Gary Gereffi, Lukas C. Brun, Joonkoo Lee, Mary Turnipseed: *Nova Scotia's Ocean Technologies: A Global Value Chain Analysis of Inshore & Extreme Climate Vessels, Remotely Operated & Autonomous Underwater Vehicles, and Underwater Sensors & Instrumentation*. Affiliation: Duke University: Center on Globalization, Governance & Competitiveness; 03/2012

Lukas C. Brun, Dan Vermeer and Rachel Hinchliffe: *Capturing the Energy Efficiency Opportunity: Lessons from EDF Climate Corps* Affiliation: Duke University: Center on Globalization, Governance & Competitiveness ; 03/2011

Lukas C. Brun, Gary Gereffi: *The Multiple Pathways to Industrial Energy Efficiency: A Systems and Value Chain Approach*. Affiliation: Duke University: Center on Globalization, Governance & Competitiveness; 02/2011

Lukas C. Brun, Ajmal Abdulsamad, Gary Gereffi: *Agricultural Value Chains in the Mexicali Valley of Mexico*. Affiliation: Duke University: Center on Globalization, Governance & Competitiveness; 09/2010

Lukas C. Brun, Ruggero Golini, Gary Gereffi: *The Development and Diffusion of Powder Coatings in the US and Europe*. Affiliation: Duke University: Center on Globalization, Governance & Competitiveness; 02/2010

Jason Jolley, Brent Lane, Lukas C. Brun: *Chatham County Economic Development Strategic Plan*. Affiliation: UNC-Chapel Hill: Center for Competitive Economies; 6/2008

Trade Publications

Lukas C. Brun, Joonkoo Lee and Mary Turnipseed: *Market and Technology Trends in Underwater Sensors and Instrumentation* Marine Technology Reporter; 11/2012.

Lukas C. Brun: *ROV/AUV: Market and Technology Trends*, Marine Technology Reporter; 09/2012.

Lukas C. Brun *ROVs: A Global Value Chain Perspective*, Marine Technology Reporter; 6/2012, 16-21.

Joonkoo Lee, Lukas C. Brun *Shipbuilding in Nova Scotia*, Marine Reporter and Engineering News; 6/2012, 50-51.

Lukas C. Brun, Ruggero Golini: *Powder Coating: A Global Value Chain Perspective*, Powder Coating; 01/2011, 29-33.

Lukas Brun, Ruggero Golini: *Powder Coatings in China* European Coatings Journal; 12/2009, 10-11.

Teaching Experience

Instructor of Record

ARTS&SCI 396: Bass Connections: North Carolina Competitiveness (with Gary Gereffi), Duke University, Fall 2013 – Spring 2016

POLI 100: Introduction to American Politics, UNC-Chapel Hill, Spring 2007

POLI 100 (online): Introduction to American Politics, UNC-Chapel Hill, Fall 2001 – Summer 2002

Teaching Assistant

ENVIRO 658: Applied Qualitative Research Methods (with Charlotte Clark), Duke University, Fall 2016

INTS 77: Introduction to World Politics (with Jonathan Weiler), UNC-Chapel Hill, Spring 2006

POLI 100: Introduction to American Politics (with Jim Stimson), UNC- Chapel Hill, Spring 2005

Invited Presentations

"North Carolina in the Global Economy" Presentation to the 2015 mfgCON, Raleigh, NC, 10/20/2015.

"Rwanda's Warehouse Receipt System" Presentation to the United Nations International Fund for Agricultural Development (IFAD), Rome, Italy, 02/15/2015.

"North Carolina in the Global Economy" Presentation to the World View Community College Symposium, Chapel Hill, NC, 11/12/2014.

"Using Global Value Chain Analysis to Understand International Trade" Presentation to Law 725: Emerging International Business Practice, Duke University, 04/21/2014.

"The Economic Impact of the High Point Market" Presentation to the High Point Market Press Breakfast, High Point, NC, 10/18/2013.

"Using Surveys for Social Science Research" Presentation to Writing 210: Academic Research and Writing, Wake Forest University, Winston-Salem, NC, 03/02/2013.

"The NSPS Shipbuilding Value Chains" (with Gary Gereffi and Andrew Guinn). Presentation to business roundtable organized by the Dept. for Economic and Rural Development and Tourism (EDRT), Halifax, NS, Canada, 01/25/2012.

"The NSPS Shipbuilding Value Chains (with Premier Darrell Dexter). Presentation to media briefing, Lunenburg, NS, Canada, 01/24/2012.

"2012 Survey Data for One NC Small Business Program" (with John Hardin). Presentation to the North Carolina Board of Science and Technology, Raleigh, NC, 02/16/2012. 02/16/2012.

"Global Value Chains in Ocean Technologies" (with Gary Gereffi). Presentation to the Canadian Department of Foreign Affairs and International Trade, Durham, NC, 01/24/2012.

"Nova Scotia's Ocean Technologies" (with Gary Gereffi and Mary Turnipseed). Presentation to business roundtable organized by the Dept. for Economic and Rural Development and Tourism (EDRT), Halifax, NS, Canada, 10/20/2011.

"Capturing the Energy Efficiency Opportunity: Lessons from the EDF Climate Corps" (conference co-organizer) Fuqua School of Business, Duke University, 09/17/2010.

"Chatham County Economic Development Plan" (with Jason Jolley) Presentation to the Chatham Country Economic Development Summit, Pittsboro, NC, 11/09/2007.

"Economic Scan and Cluster Analysis of Four Appalachian Counties" Presentation to the Appalachian Colleges Community Economic Development Training Seminar, Chapel Hill, NC, 04/02/2007.

Professional Service and Memberships

Reviewer: *Journal of Public Procurement, Politics & Society, Journal of Regional Science, Economic Development Quarterly*

Member: American Association for Public Policy Analysis and Management (APPAM); American Society for Public Administration (ASPA); American Political Science Association (APSA); Society for the Advancement of Socio-Economics (SASE); Academy of Management (AoM)

Skills

Software: Stata, Eviews, SPSS, NVivo, Qualtrics

Research Methods: OLS, Logit/Probit, Poisson, Structural Equation Modeling, Hierarchical Linear Modeling, Two Stage Least Squares, Weighted Least Squares, Cluster Analysis

Languages: Spanish and German

Last updated: September 13, 2016