

## Andrew Guinn

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### Education

- Ph.D. City and Regional Planning, University of North Carolina-Chapel Hill, 2019  
Thesis: *Embedded mobility: Federal Technical Education Reforms and Inclusive Industrial Development in Northeastern Brazil, 2003-2015*
- Master of City and Regional Planning, University of North Carolina-Chapel Hill, 2011  
Thesis: *Innovating Industrialization in the Suape Port Complex*
- B.A. in International Studies and Spanish, University of Wisconsin-Madison, 2007

### Academic Appointments

- Assistant Professor (2019-present)  
Wayne State University, Department of Urban Studies and Planning

### Other Academic Appointments

- Project Manager and Lead Instructor (2018-2019)  
Duke University Bass Connections, The Cost of Opportunity Project
- Teaching Fellow (2014-2018)  
UNC Department of City and Regional Planning

### Other Professional Appointments

- Research Consultant (2016)  
RTI International, International Development Group
- Research Consultant (2015-2016)  
Asian Development Bank, Vizag-Chennai Industrial Corridor Project
- Research Analyst (2012-2015)  
Duke University Center on Globalization, Governance and Competitiveness
- Research Consultant (2014)  
Oxfam Great Britain, Empowering Civil Society Networks in an Unequal Multipolar World Programme (ECSN-BRICSAM)
- Research Associate (2010-2012)  
UNC School of Government, Community Economic Development Group

### Awards, Honors, Fellowships and Grants

- Dissertation Completion Fellowship, UNC Graduate School, 2018-2019 (\$20,000)
- Dean's Graduate Fellowship, UNC College of Arts & Sciences, 2018-19 (\$4,000)
- Doctoral Teaching Award. UNC Department of City and Regional Planning. 2018.
- Global Brazil Lab Summer Travel Award, Duke University, 2017 (\$5,000), 2018 (\$2,500)
- Global Planning Education Interest Group (GPEIG), Best Student Paper Runner-up, 2017
- Summer Research Fellowship, UNC Dept. of City and Regional Planning, 2017, 2018 (\$750)
- Jobs and Development Research Grant, World Bank, 2015-2016 (\$10,000)
- Thomas F. Ferdinand Summer Research Fellowship, UNC Graduate School, 2015 (\$4,500)

- Teaching Fellowship, UNC Dept. of City and Regional Planning, 2014-2018
- Foreign Language Area Studies (FLAS) Fellow 2010-2013 (Brazilian Portuguese)
- Al Van Hyuck Award for International Research in City and Regional Planning, UNC Dept. of City and Regional Planning, 2011 (\$5,000)
- Wisconsin International Scholars Program, 2003-2007

## Research Publications

### *Books*

- *A Indústria Brasileira e as Cadeias Globais de Valor [Brazilian Manufacturing and Global Value Chains]* (with Timothy Sturgeon, Gary Gereffi and Ezequiel Zylberberg). 2014. São Paulo: Elsevier Editora Ltd.

### *Future Publications*

- “Bootstrapping Good Jobs and Local Development: Lessons in Industrial Policy and Skill Formation from Brazil's Shipbuilding Industry”. Submission date: December 2018. Target journals: *Journal of Development Studies, International Journal of Urban and Regional Research*
- “Pathways to Inclusionary Development: Skill Formation and the Recombination of Brazilian Developmental Institutions”. Submission date: March 2019. Target journals: *World Development, Socio-Economic Review*
- “Embedding Mobility: Training Institutions and Inclusionary Job Creation in Pernambuco and Rio de Janeiro”. Submission date: June 2019. Target Journals: *Environment and Planning A, Latin American Research Review*
- “Democratizing Technical Education in Brazil: Measuring the Labor Market Impacts of Federal Training Schools During the Workers’ Party Era”. Submission date: July 2019. Target journals: *Journal of Labor Economics, Economic Development Quarterly*
- “Trajectories of Mobility: Assessing the Labor Market Impacts of Access to Higher Education in Brazil” (with Marcos Rangel). Submission date: August 2019. Target journals: *Economics of Education Review, American Economic Journal – Applied Economics*

### *Peer-Reviewed Publications*

- Kelmenson, S., A. Guinn, M. Tewari, R. Colloredo-Mansfield. 2018. “Mission driven intermediaries as anchors of the middle ground in the American food system: Evidence from Warrenton NC”. *Culture, Agriculture, Food and the Environment*.
- Tewari, M., and A. Guinn. 2017. Leveraging Global Production Networks: Evidence from the Vizag–Chennai Industrial Corridor. South Asia Working Paper Series, No. 51. Manila: Asian Development Bank.

### *Other Research Reports*

- “Innovating vocational training in the Suape Port Complex: Lessons for India from a decade of reforms in Brazil” (with Meenu Tewari). 2016. Jobs and Development Series. Washington, D.C.: The World Bank and ICRIER.
- “Maize Value Chains in East Africa” (with Jack Daly and Gary Gereffi). 2016. Duke University Center on Globalization, Governance and Competitiveness and London School of Economics International Growth Centre.
- “Pro-Poor Development and Power Asymmetries in Global Value Chains” (with Gary Gereffi, Ajmal Abdulsamad and Stacy Frederick). 2015. Duke University Center on Globalization, Governance and Competitiveness.

- “Targeting Inclusive Development: A Value Chain Approach to Sewer Infrastructure Investment” (with Lukas Brun and Jack Daly). 2015. Duke University Center on Globalization, Governance and Competitiveness. Research report for the Surdna Foundation.
- “Inequality and Changing Food Systems: A Cross-Country Case Study of Food Security and Public Policy in Brazil, India, Mexico and South Africa” (with Danny Hamrick). 2014. Oxfam GB.
- “Skills for Upgrading in Burundi’s Coffee Value Chain” (with Penny Bamber). 2014. Duke University Center on Globalization, Governance and Competitiveness. Research report for the World Bank Education Secretariat.
- “Skills for Upgrading in Burundi’s Energy Value Chain” (with Penny Bamber). 2014. Duke University Center on Globalization, Governance and Competitiveness. Research report for the World Bank Education Secretariat.
- “Burundi in the Coffee, Agribusiness and Energy Value Chains: Skills for Private Sector Development” (with Penny Bamber). 2014. Duke University Center on Globalization, Governance and Competitiveness. Research report for the World Bank Education Secretariat.
- “Connecting Local Producers in Developing Countries to Regional and Global Value Chains” (with Penny Bamber, Karina Fernandez-Stark and Gary Gereffi). 2013. OECD Background Paper.
- “Brazil’s Manufacturing in International Perspective: A Global Value Chain Analysis of Aeronautics, Medical Devices and Aerospace” (with Tim Sturgeon, Gary Gereffi and Ezequiel Zylberberg). 2013. Research report for Confederação Nacional da Indústria (National Industry Confederation), São Paulo.
- “The NSPS Shipbuilding Value Chains” (with Lukas Brun, Shawn Stokes and Gary Gereffi). 2012. Duke University Center on Globalization, Governance and Competitiveness. Research report for the Nova Scotia Department of Economic and Rural Development and Tourism.
- North Carolina County Economic Development Assessments. (with Will Lambe and Kendra Cotton). 2012. UNC Chapel Hill School of Government, research report for the North Carolina Golden LEAF Foundation.

### **Conference Presentations and Papers**

#### *Refereed Conference Presentations and Paper*

- “Globalization of Planning Education in ACSP Programs: A Portrait in Numbers 1994-2017” (with Meenu Tewari and Yan Chen). Global Planning Education Interest Group Roundtable. Presentation at Association of Collegiate Schools of Planning Annual Meeting. Buffalo, NY. October 26, 2016.
- “Embedding Mobility: Training Institutions and Inclusive Development in Brazil”. Presentation at Association of Collegiate Schools of Planning Annual Meeting. Buffalo, NY. October 25, 2016.
- “Pronatec and the work of training institutions in the PT era: Dead end or promising beginning?” Presentation at Brazilian Studies Association Annual Meeting, Rio de Janeiro RJ. July 25, 2018.
- “Ready for Work: Industrial Policy, Labor and Skill Formation in Two Manufacturing Clusters in Pernambuco, Brazil.” Presentation at Association of Collegiate Schools of Planning Annual Meeting. Portland, OR. November 5, 2016.
- “Creating Good Jobs in Regulated Labor Markets: Lessons in Skill Formation and Urbanization from Brazil’s Shipbuilding Industry” Presentation at World Bank Jobs and Development Conference, Washington, D.C. November 2, 2016.
- Global Value Chains and Implications for Policy. Seminar on International Trade. Instituto Brasileiro de Estudos de Concorrência, Consumo e Comércio Internacional and Confederação Nacional da Indústria, Brasília. November 5, 2014.
- “Vocational Training and Worker Retention in Tight Labor Markets”. Industry Studies Association Conference, Pittsburgh, PA. May 31, 2012.

### *Other Professional Presentations*

- “Understanding Technical and Professional Education Reforms in Contemporary Brazil”. Educate to Liberate Conference. Duke University. April 20, 2018.
- “A educação profissional e tecnológica nos Estados Unidos [Professional and Technical Education in the United States]. Presentation to the Brazilian Ministry of Education, Secretariat of Technical Education, Brasília. May 29, 2017.
- “The Brazilian Economy in International Perspective: Manufacturing and Agroindustry”. Presentation at the Federal University of Uberlândia (Brazil) Institute of Economics. July 20, 2016.
- “Institutions and Upgrading in the Burundi Coffee Sector”. Conference on the National Coffee Policy. Conference hosted by the International Growth Centre, Rwanda. Kigali, Rwanda. February 9, 2015.
- “Inequality and Changing Food Systems in Mexico”. (with Danny Hamrick) Presentation to the Subcommittee on Food Self-Sufficiency of the Senate of Mexico. Mexico City. November 10, 2014.
- Brazil’s Position in Aerospace and Medical Devices GVCs. Brazil’s Role in Global Value Chains. Meeting hosted by Confederação Nacional da Indústria. São Paulo, SP, Brazil. March 7, 2013.

### **Teaching**

#### *Lead Instructor*

- PLAN 773. Urban and Regional Development Seminar. Fall 2015, Fall 2016.
- PLAN 246. Cities of the Future. Fall 2013, 2014.

#### *Teaching Assistant*

- PLAN 721. Advanced Planning Techniques. Spring 2018.
- PLAN 710. Microeconomics for Planners. Fall 2017.
- PLAN 771. Economic Development Techniques. Spring 2017.
- PLAN 770. Economic Development Policy. Spring 2010.

### **Professional Service:**

- Research assistant, Global Planning Education Interest Group Task Force, 2018-2019.
- Coordinating committee member and session organizer for the Global Brazil Conference, hosted by the Duke Global Brazil Lab. March 26-28, 2015.
- Doctoral policy committee, UNC-Chapel Hill Department of City and Regional Planning. 2015-2017
- Doctoral student admissions committee, UNC-Chapel Hill Department of City and Regional Planning. 2014-2017.
- Volunteer conference assistant at the Summer Qualitative Research Intensive Seminar, hosted by the UNC-Chapel Hill Odum Institute. June, 2013.

### **Media:**

- “Higher Education Access in the US and Brazil” (with Travis Knoll). *The Measure of Everyday Life*. WUNC. June 24, 2018. Public radio interview program.

### **Software Packages:**

Stata, R, Tableau, UCINet, STELLA, Atlas.ti, Microsoft Excel

### **Languages**

- English: Native proficiency
- Portuguese: Professional working proficiency
- Spanish: Basic working proficiency
- Danish: Limited working proficiency