

CHRISTOPHER J. BLACKBURN

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EDUCATION

Georgia Institute of Technology

Ph.D. in Economics

Minor: Energy Systems

Dissertation Title: “Networks and Energy System Transitions”

Advisor: Dr. Juan Moreno-Cruz

Expected May 2019

Georgia Institute of Technology

M.S. in Economics

2013

Kennesaw State University

B.B.A. in Economics, *Magna Cum Laude*

2012

RESEARCH INTERESTS

Specializations: Energy and Environmental Economics, Industrial Organization, Network Science

Research Topics: Energy transitions, Policy evaluation, Technology diffusion, Spillover effects

PEER-REVIEWED PUBLICATIONS

1. “Coupling data science with participatory planning for equity in urban renewal programs: An Analysis of Atlanta’s Anti-Displacement Tax Fund” (2018) (with J. Auerbach, H. Barton, A. Meng, E. Zegura). Revisions requested at *Environment and Planning B: Urban Analytics and City Science*
2. “Peak Shifting and Cross-class Subsidization: The Impacts of Solar PV on Changes in Electricity Costs” (2017). (with E. Johnson, R. Beppler, B. Staver, M. Brown, and D. Matisoff) *Energy Policy* 106: 436-444
3. “Towards Deep De-carbonization: An Energy-Service System Framework” (2017). (with A. Harding and J. Moreno-Cruz) *Current Renewable/Sustainable Energy Reports*, 1-10.

OTHER PUBLICATIONS

1. “Impacts of Solar Power on Electricity Rates and Bills” (2016) (with M. Brown, E. Johnson, D. Matisoff, R. Beppler, and B. Staver). *Proceedings of the 2016 ACEEE Summer Study on Energy Efficiency in Buildings*.

WORKING PAPERS

1. “Do Pilot and Demonstration Projects Work?” (2018) (with M. Flowers, D. Matisoff, J. Moreno-Cruz) *Under submission*
2. “Energy Efficiency and Production Networks” (2018) (**Job Market Paper**)

WORKS IN PROGRESS

1. “Bright Lights, Safe Nights? The Impact of Visibility on the Spatial Organization of Crime” (with Anthony Harding)
2. “Does the Energy Rebound Effect Vary with Economic Structure? Evidence from a Computable General Equilibrium Model for U.S. States” (with Juan Moreno-Cruz)

FELLOWSHIPS, AWARDS, AND APPOINTMENTS

Serve-Learn-Sustain Energy Systems for Sustainable Communities Fellowship	Fall 2017
Georgia Tech Data Science for Social Good Program Mentor	Summer 2017
School of Economics Graduate Student Scholarship	2016-2017
Outstanding Graduate Student in Economics	Spring 2016
IAC Legacy Award Nominee	Spring 2016
Graduate Student Advisory Leader in Economics	2015 - 2016
National Science Foundation IGERT Fellowship	2014 - 2016
Georgia Tech President’s Fellowship	2013 - 2017
University Scholar in Economics	Spring 2012
Global Learning Scholarship	Fall 2011
CETL Undergraduate Research Grant	Spring 2011

RESEARCH AND TEACHING EXPERIENCE

Research Assistant <i>Dr. Juan Moreno-Cruz</i>	2016-Present <i>Georgia Institute of Technology</i>
Lecturer <i>Economics and Policy (ECON 2100)</i>	Summer 2017 <i>Georgia Institute of Technology</i>
Research Assistant <i>Dr. Erik Johnson</i>	2014-2016 <i>Georgia Institute of Technology</i>
Teaching Assistant <i>Economics and Policy (ECON 2100)</i>	Spring 2014 <i>Georgia Institute of Technology</i>
Teaching Assistant <i>International Energy Markets (ECON 3300)</i>	Fall 2013 <i>Georgia Institute of Technology</i>
Teaching Assistant <i>Advanced Microeconomic Analysis (ECON 3110)</i>	Fall 2013 <i>Georgia Institute of Technology</i>
Research Assistant <i>ACES Laboratory</i>	2012-2013 <i>Georgia Institute of Technology</i>

PRESENTATIONS, WORKSHOPS, AND INVITED LECTURES

2018

Northeast Workshop on Energy Policy and Environmental Economics, Columbia University; 6th World Congress of Environmental and Resource Economists, University of Gothenburg; 88th Southern Economic Association Annual Conference, Washington D.C. (planned); 40th APPAM Fall Research Conference, Washington D.C. (planned)

2017

APPAM Fall Research Conference, Chicago, IL.; Stata Bootcamp, Georgia Tech (workshop instructor)

2016

Programming in Python, Georgia Tech (workshop instructor); Mapping using ArcGis, Georgia Tech (workshop instructor); Web Scraping using Python, Georgia Tech (workshop instructor)

2012-14

Statistical Analysis in R, ECON 6121: Research Methods, Georgia Tech (guest lecture); Economics of Energy Technologies, ECON 3330: International Energy Markets, Georgia Tech (guest lecture); Introduction to the Economic Theory of Human Behavior, AE 8803: Judgement and Decision Theory, Georgia Tech (guest lecture)

TECHNICAL PROFICIENCIES

Statistical and Scientific Programming
Geographic Information Systems

Python, Stata, R, GAMS
ArcMap, ArcPy

REFERENCES

Dr. Juan Moreno-Cruz

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University of Waterloo
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