

E. Mark Curtis

CONTACT INFORMATION

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404-791-4136

EMPLOYMENT Wake Forest University, Associate Professor 2020 - Present
Wake Forest University, Assistant Professor 2014 - 2020

**PRIMARY
FIELDS** Environmental, Labor, Public, Energy

EDUCATION *Ph.D. Economics* 2014
[Georgia State University](#), Atlanta, GA
M.A. Economics 2009
[Duke University](#) Durham, NC
B.A. Religion & Spanish 2004
[Furman University](#) Greenville, SC

**WORKING
PAPERS /
IN PROGRESS** “Capital Investment and Labor Demand: Evidence from 21st Century Tax Policy”
Revised and Resubmitted at *American Economic Review* with Dan Garrett, Eric
Ohrn, Juan Carlos Suarez Serrato and Kevin Roberts

“Unintended Environmental Consequences of Investment Stimulus Policy” with Dana
Andersen and Eric Ohrn

PUBLICATIONS “Workers and the Green-Energy Transition: Evidence from 300 million Job Tran-
sitions” Forthcoming: *Environmental and Energy Policy and the Economy*.
(with Layla O’Kane and Jisung Park)

“Green Energy Jobs in the US: What Are They, and Where Are They?” *Envi-
ronmental and Energy Policy and the Economy*. Vol. 4, (2023) (with Ioana
Marinescu)

“Reevaluating the Ozone Nonattainment Standards: Evidence from the 2004 Expan-
sion” *Journal of Environmental Economics & Management*, Vol. 99, (2020).

“When do Environmental Regulations Backfire? Onsite Industrial Electricity Gen-
eration, Energy Efficiency and Policy Instruments” *Journal of Environmental
Economics & Management*, Vol. 96, (2019). (with Jonathan M. Lee)

“Who Loses under Cap-and-Trade Programs? The Labor Market Effects of the NOx
Budget Trading Program” *Review of Economics & Statistics* Vol.100, No.1
(2018).

“The Reallocative and Heterogeneous Effects of Cap-and-Trade” *Economics Let-
ters* Vol. 172, (2018). (with Jonathan M. Lee)

“Evaluating Workplace Mandates with Flows versus Stocks: An Application to Cal-
ifornia Paid Family Leave” *Southern Economic Journal*, Vol.83, No.2 (2016).

(with Barry T. Hirsch and Mary C. Schroeder)

“Are Management Practices a Source of Energy Efficiency? Evidence from US Manufacturing Firms.” *Journal of Environmental Economics & Management*, Vol.68, (2014). (with Gale Boyd)

**OTHER
WORKING
PAPERS**

“Entrepreneurship and State Policy” with Ryan A. Decker

“Management and Pollution”

“Energy Efficiency, Prices and Management Practices” with Gale Boyd and Su Zhang

FUNDING

Washington Center for Equitable Growth, Green Jobs or Lost Jobs? \$85,000 (with Ioana Marinescu)

Ewing Marion Kauffman Foundation, Entrepreneurship and Public Policy. \$249,980 (PI)

Russell Sage Foundation, How Does Capital Investment Affect Workers? \$145,050 (with Juan Carlos Suarez Serrato and Eric Ohrn)

Washington Center for Equitable Growth, How Does Capital Investment Affect Workers? \$55,000 (with Juan Carlos Suarez Serrato and Eric Ohrn)

Alfred P. Sloan Foundation, Industrial Energy Efficiency: The Role of Management and Public Policy. \$249,933 (PI)

Wake Forest University Internal Grant T-Cart Summer Course (Re)Design Award \$3,500

**ADDITIONAL
WRITINGS**

“Impact of Strategic Energy Management Practices on Energy Efficiency: Evidence from Plant-Level Data” with Gale Boyd. *ACEEE Conference Proceedings*

“Corporate Social Responsibility and Firm Outcomes: Some Intuition on Interpreting Statistical Models” *Journal of Environmental Investing*

Book Review: EH.net, September 2016. “Blue Skies over Beijing”, by Matthew E. Kahn and Siqi Zheng

Federal Reserve Bank of Atlanta’s *Macroblog*, April 2014: “New Data Sources: A Conversation with Google’s Hal Varian”

Federal Reserve Bank of Atlanta’s *Macroblog*, September 2013: “Job Reallocation Over Time”

TALKS

2024: ASSA, Census, AERE Summer Conference, Federal Reserve Bank of Kansas City, Resilient Energy Economies Workshop, WFU Ecology, Evolution and Behavior Seminar

2023: NBER Energy and Environmental Policy and the Economy, WFU Law School ESG Symposium, Philippine Annual Public Policy Conference, SWEEP Workshop (Georgia Tech)

2022: Environmental Protection Agency, NBER Energy and Environmental Policy and the Economy, Equitable Growth, Inter-American Development Bank, SEA, Carolina Region Empirical Economics Day (UNC-Greensboro)

2021: ZEW Workshop: Environmental Regulation, Innovation and Firm Performance, AERE Summer Conference, DKU-SJTU Environmental Economics Seminar, Kauffman Foundation Showcase

2020: Georgia Tech, University of Alabama, Florida State University
2019: AERE Summer Conference, Comparative Analysis of Enterprise Data Conference, Carolina Regional Empirical Economics Day, EAERE Summer Conference
2018: Furman University, Annual Conference of the Federal Statistical Research Data Centers, Duke / NC State TREE Seminar, South Carolina Applied Micro Day, Searle Conference on Innovation Economics (Discussant)
2017: IZA Workshop: Labor Market Effects of Environmental Policy, NBER: Economic Effects of State Business Taxation, American Economic Association (Poster Session)
2016: AERE Summer Conference, South Carolina Applied Micro Day, NBER: Entrepreneurship and Economic Growth, Clemson University, Environmental Protection Agency, National Center for Environmental Economics
2015: Empirical Management Conference: Stanford University, IZA Workshop: Labor Market Effects of Environmental Policy, NBER Summer Institute: Law and Economics (Coauthor Presented), AERE Summer Conference, East Carolina University, Southern Economic Association
2014: Analysis Group, Wake Forest University, Resources for the Future, Congressional Budget Office, UNC Charlotte, Georgia Tech (Public Policy), Federal Reserve Bank of Dallas, University of Illinois Urbana Champaign, Appalachian State, UNC Greensboro, North Carolina State University
2013: Comparative Analysis of Enterprise Data Conference, IZA Workshop: Labor Market Effects of Environmental Policy, Camp Resources XX (egg timer)
2012: NBER Summer Institute: Environmental and Energy Economics (Full Presentation), AERE Summer Conference (x2), Federal Reserve Bank of Atlanta, University of Georgia, Camp Resources XIX, Atlanta Census Research Data Center Conference: Athens, GA

MEDIA CITATIONS

NPR: All Things Considered “What happens when a wind farm comes to a coal town?” November 27, 2023 by Ari Shapiro
New York Times “Former Coal Towns Get Money for Clean-Energy Factories” November 27, 2023 by Hiroko Tabuchi
New York Times “Electric Vehicle Push Returns North Carolina to Its Lithium Mining Roots” November 30, 2023 by Alan Rappeport
The Guardian “Transition from ‘dirty’ to green US jobs rises, leaving older workers behind” August 14, 2023 by Nina Lakhani
Morningstar “Biden claims green-job surge in State of the Union — is his boast justified?” February 8, 2023 by Rachel Koning Beals
MarketWatch “Some 75% of surveyed Americans would jump at a ‘green’ job in solar” November 1, 2022 by Rachel Koning Beals
Business Insider “These maps show which parts of the US are already having a green energy jobs boom.” September 23, 2022, by Madison Hoff
WFDD “Fast-growing green jobs pay more, Wake Forest economist says” August 11, 2022 by Paul Garber
MarketWatch “Where are the high paying ‘Green’ Jobs? Often in states fighting against them” August 9, 2022, by Rachel Koning Beals
New York Times “The Inflation Reduction Act is a huge deal for the Climate” August 8, 2022 by Paul Krugman
Tax Foundation “State Corporate Taxes Hurt Entrepreneurship” January 16, 2018, by Scott Drenkard
Winston-Salem Journal “New Firms Drive Economic Growth” February 10, 2018, by John Hood
Washington Examiner “Study: Cap and Trade Kills Jobs” January 5, 2015, by Jason Russel
CNBC.com “How the Great Recession put tomorrow’s new jobs at risk” April 29,

2014, by Paul Maidment
Business Insider “A Major Long-Term Change In The Labor Market Is Bad News For The US Economy” November 22, 2014, by Shane Ferro
 Multiple citations in *Tax Policy Center, Equitable Growth* articles

REVIEWER FOR

Agricultural and Resource Economics Review, American Economic Journal: Policy, American Economic Review: Insights, B.E. Journal of Economic Analysis and Policy, Demography, Economic Letters, Energy Economics, Energy Efficiency, Energy Policy, Environment and Development Economics, Environmental and Resource Economics, European Economic Review, Industrial and Labor Relations Review, International Economic Review, International Journal of Industrial Organization, Journal of Environmental Economics and Management, Journal of the Association of Environmental and Resource Economists, Journal of Policy Analysis and Management, Journal of Public Economics, Journal of Regulatory Economics, Industrial and Labor Relations Review, Land Economics, Nature, National Science Foundation, Quarterly Journal of Economics, Review of Economic Dynamics, Southern Economic Journal

TEACHING

Environmental Economics
 Econometrics
 Principles of Economics
 Introduction to Research
 Advanced Research Methods
 Supervised 8 Honors Theses (Julie Aaron’s Thesis Awarded Best Undergraduate Research Project in the Nation by *Omicron Delta Epsilon*.)

MISC.

<i>Special Sworn Status, US Census Bureau</i>	2008 - Present
<i>Visiting Scholar, Federal Reserve Bank of Atlanta</i>	2013 - 2014
<i>Hollingsworth Visiting Professor, Furman University</i>	2018
<i>Wake Forest Sustainability Champion of Change: Engaged Learning</i>	2022
<i>Wake Forest University: Excellence in Research Award</i>	2023

REFERENCES

Prof. Olivier Deschenes UC Santa Barbara olivier@econ.ucsb.edu	Prof. Garth Heutel Georgia State University gheutel@gsu.edu	Prof. Reed Walker UC Berkeley rwalker@berkeley.edu
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