

E. Mark Curtis

CONTACT INFORMATION

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ACADEMIC POSITIONS	Wake Forest University, Reynolds Professor	2024 - Present
	Associate Professor	2020 - Present
	Department Chair	2024 - 2026
	Assistant Professor	2014 - 2020
PRIMARY FIELDS	Environmental, Labor, Public, Energy	
EDUCATION	Georgia State University: Atlanta, GA <i>Ph.D. Economics</i>	2014
	Duke University: Durham, NC <i>M.A. Economics</i>	2009
	Furman University: Greenville, SC <i>B.A. Religion & Spanish</i>	2004
OTHER POSITIONS	Journal of Env. Economics and Management, Editorial Board	2023 - Present
	Resilient Energy Economies, Steering Committee	2023 - Present
WORKING PAPERS / IN PROGRESS	“Capital Investment and Labor Demand: Evidence from 21st Century Tax Policy” Conditionally Accepted at <i>American Economic Review</i> with Dan Garrett, Eric Ohrn, Juan Carlos Suarez Serrato and Kevin Roberts	
	“Why Environmental Economics Can’t Avoid the Jobs Question” Revisions Re- quested at <i>Review of Environmental Economics and Policy</i> with Jisung Park and Paul Stainier	
	“Unintended Environmental Consequences of Investment Stimulus Policy” with Dana Andersen and Eric Ohrn	
	“The Spillover Effects of Environmental Regulation: Evidence from the Clean Air Act”, with Weiting Ma, Felix Samy Soliman, Juan Carlos Suarez-Serrato and Daniel Xu	
PUBLICATIONS	“Workers and the Green-Energy Transition: Evidence from 300 million Job Transi- tions” <i>Environmental and Energy Policy and the Economy</i> . Vol. 5, (2024) (with Layla O’Kane and Jisung Park)	
	“Green Energy Jobs in the US: What Are They, and Where Are They?” <i>Envi- ronmental and Energy Policy and the Economy</i> . Vol. 4, (2023) (with Ioana Marinescu)	
	“Reevaluating the Ozone Nonattainment Standards: Evidence from the 2004 Expans- ion” <i>Journal of Environmental Economics & Management</i> , Vol. 99, (2020).	

“When do Environmental Regulations Backfire? Onsite Industrial Electricity Generation, 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 Letters* Vol. 172, (2018). (with Jonathan M. Lee)

“Evaluating Workplace Mandates with Flows versus Stocks: An Application to California 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

Resilient Energy Economies, Bezos Earth Fund, Worker Transitions in the New Energy Economy \$57,500 (with Jisung Park)

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 Ohn)

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

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

“Green Energy Jobs”. *Encyclopedia of Energy, Natural Resource, and Environmental Economics*, 2nd edition 2024 .

“A research agenda for economic resilience in fossil fuel-dependent communities” with multiple coauthors. *Environmental Research: Energy* (Aug, 2024)

“Impact of Strategic Energy Management Practices on Energy Efficiency: Evidence from Plant-Level Data” with Gale Boyd. *2021 ACEEE Conference Proceedings*

“Corporate Social Responsibility and Firm Outcomes: Some Intuition on Interpreting

Statistical Models” *Journal of Environmental Investing*, vol 9, no. 1 (2019).

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

2025: Stanford Energy Modeling Forum (Snowmass, CO), REE Annual Meeting

2024: Harvard Kennedy School, NBER SI Egg Timer, Equitable Growth, 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

SELECTED MEDIA CITATIONS

Washington Post “Can you spot these misconceptions around wind power? Take our quiz.” February 16, 2026 by Keith Moore

NPR: All Things Considered “What happens when a wind farm comes to a coal town?” February 16, 2024 by Michael Levitt, Kat Lonsdorf, Tinbete Ermyas, and

Ari Shapiro

The Register-Herald “Clean energy jobs are coming to W.Va., but who’s going to work them?” January 17, 2024 by P.R. Lockhart

NBC News “Poorer areas have seen the bulk of clean energy funds in the Inflation Reduction Act’s wake, Treasury finds” November 29, 2023 by Brian Cheung and J.J. McCorvey

New York Times “Electric Vehicle Push Returns North Carolina to Its Lithium Mining Roots” November 30, 2023 by Alan Rappeport

New York Times “Former Coal Towns Get Money for Clean-Energy Factories” December 5, 2023 by Hiroko Tabuchi

The Washington Times “Dirty-to-green job transitions ‘exceedingly rare’ despite Biden’s promises to blue-collar workers” August 25, 2023 by Ramsey Touchberry

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

American Economic Journal: Micro, *American Economic Journal: Policy*, *American Economic Review: Insights*, *Demography*, *The Economic Journal*, *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 European Economics Association*, *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*, *Review of Economics and Statistics*, *Review of Environmental Economics and Policy*, *Southern Economic Journal*

TEACHING	Environmental Economics		
	Econometrics		
	Principles of Economics		
	Introduction to Research		
	Advanced Research Methods		
	Multiple Undergrad Honors Theses (Including 2019 Awardee for Best Undergraduate Research Project in the Nation by <i>Omicron Delta Epsilon</i>).		
MISC.	<i>Wake Forest University: Excellence in Research Award</i>		2023
	<i>Wake Forest Sustainability Champion of Change: Engaged Learning</i>		2022
	<i>Hollingsworth Visiting Professor, Furman University</i>		2018
	<i>Visiting Scholar, Federal Reserve Bank of Atlanta</i>		2013 - 2014
	<i>Special Sworn Status, US Census Bureau</i>		2008 - Present
REFERENCES	Prof. Olivier Deschenes	Prof. Garth Heutel	Prof. Reed Walker
	UC Santa Barbara	Georgia State University	UC Berkeley
	olivier@econ.ucsb.edu	gheutel@gsu.edu	rwalker@berkeley.edu