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**EMPLOYMENT**

Assistant Professor of Economics, Department of Economics, Clemson University, July 2016 – Present (On Leave 2016 – 2017)

Postdoctoral Fellow, Resources for the Future (RFF), August 2016 – July 2017

**EDUCATION**

Ph.D. in Economics, University of Maryland at College Park, May 2016

Dissertation: Essays in Energy, Environment and Technological Change

Committee: Maureen Cropper (Chair), Andrew Sweeting (Co-chair), Lint Barrage, Sébastien Houde

M.A. in Economics, University of Maryland at College Park, May 2014

B.A. in Mathematics and Economics, *Distinction*, University of Virginia, May 2010

B.A. student at large, Huazhong University of Science and Technology, China, 2006 – 2008

**FIELDS OF INTEREST**

Environmental and Energy Economics, Empirical Industrial Organization

**PUBLISHED AND ACCEPTED WORK**

“The Effect of Fuel Price Changes on Fleet Demand for New Vehicle Fuel Economy”, with Benjamin Leard, Virginia McConnell, *forthcoming, Journal of Industrial Economics* (Working Paper Version: RFF Discussion Paper DP-15-27, November 2018)

**WORKING PAPERS**

“How Much Do Consumers Value Fuel Economy and Performance? Evidence from Technology Adoption”, with Benjamin Leard and Joshua Linn, RFF Report, September 2019, *Second-round R&R Resubmitted, Review of Economics and Statistics*

“The Effects of Fuel Costs and Market Size on Fuel-Saving Technology Adoption: Direct and Indirect Effects”, with Thomas Klier and Joshua Linn, RFF Discussion Paper DP-26-16-REV, March 2019, *R&R Requested, Journal of Economics & Management Strategy*

“Regulatory Spillover and Climate Co-benefits: Evidence from the New Source Review Lawsuits”, with Hei-Sing Ron Chan, June 2019, *Under Review*

“Knowledge Capital, Technology Adoption, and Environmental Policies: Evidence from the US Automobile Industry”, February 2016

**SELECTED WORK IN PROGRESS**

“The Effect of Adopting NextGen Air Transportation System on Air Travel Time and Jet Fuel Consumption: Evidence from High-frequency Air Travel Data”, with Ziyang Chu, May 2019

## TEACHING

Intermediate Microeconomics, Clemson University, Spring 2018 – Present  
Introduction to Econometrics, Clemson University, Spring 2018 – Present  
Computer Methods in Economics, University of Maryland, Spring 2012 – Spring 2013

## GRANTS

NBER Research Grant on “Economics of Energy Use in Transportation”, Supported by the Department of Energy, National Science Foundation, and Alfred P. Sloan Foundation, 2018 – 2019, \$16,289  
Dean's Research Initiative Doctoral Dissertation Research Grant, Behavior and Social Science College, University of Maryland, 2015 – 2016, \$2,500

## OTHER EMPLOYMENT

Lone Mountain Fellow, Property & Environment Research Center (PERC), Montana, Summer 2016  
Summer Intern, Resources for the Future (RFF), Summer 2014, Summer 2015

## CONFERENCE AND SEMINAR PRESENTATIONS

(\* for Scheduled)

2020: ASSA-AEA (San Diego, discussant)\*

2019: NBER Economics of Energy Use in Transportation Conference, AERE, ES European Meeting, Southeast Energy & Environmental Econ. Workshop (GaTech)\*, SEA-Industrial Organization Society\*

2018: ASSA-AEA (Philly), NBER Energy Use in Transportation Pre-conference, DC IO Day (discussant)

2017: ASSA-AEA (Chicago), American University School of International Service, RFF, IOOC (Boston)

2016: Ohio University, Clemson University, Arizona State University, University of Maryland Baltimore County, IOOC (Philly), PERC

2015: Maryland AREC, Maryland Econ, Northeast Workshop on Energy Policy & Environmental Economics (Yale), Georgetown GCER, Camp Resources

## REFEREE AND OTHER SERVICE

Peer-reviewed Journals: Journal of Industrial Economics, Journal of the Association of Environmental and Resource Economists, Journal of Environmental Economics and Management, Energy Journal, Resource and Energy Economics

Ad Hoc Grant Proposal Reviews: Alfred P. Sloan Foundation

## DEPARTMENT AND UNIVERSITY SERVICE

Task Force for the Tenure, Promotion and Reappointment Committee, 2017 – 2018

## REFERENCES

Maureen L. Cropper	University of Maryland	<a href="mailto:cropper@econ.umd.edu">cropper@econ.umd.edu</a>	(301) 405-3483
Andrew Sweeting	University of Maryland	<a href="mailto:sweeting@econ.umd.edu">sweeting@econ.umd.edu</a>	(301) 405-8325
Lint Barrage	Brown University	<a href="mailto:lint_barrage@brown.edu">lint_barrage@brown.edu</a>	(401) 863-2116