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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

Advisors: 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, *Distinction*, University of Virginia, May 2010

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

FIELDS OF INTEREST

Primary: Environmental and Energy Economics, Empirical Industrial Organization

Secondary: Microeconometrics, Innovation and Technological Change

WORKING PAPERS

“How Much Do Consumers Value Fuel Economy and Performance? Evidence from Technology Adoption”, with Benjamin Leard (RFF) and Joshua Linn (RFF), RFF Report, May 2018, *R&R Requested, 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 (Chicago Fed) and Joshua Linn (RFF), RFF Discussion Paper DP-26-16-REV, March 2018, *Under Review*

“The Effect of Fuel Price Changes on Fleet Demand for New Vehicle Fuel Economy”, with Benjamin Leard (RFF) and Virginia McConnell (RFF), RFF Discussion Paper DP-15-27, May 2018, *R&R Requested, Journal of Industrial Economics*

“Regulatory Spillover and Climate Co-benefits: Evidence from the New Source Review Lawsuits”, with Hei-Sing Ron Chan (Manchester), August 2018

“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”

TEACHING

Instructor

Master's Level:

Introduction to Econometrics, Clemson University, Spring 2018

Undergraduate Level:

Intermediate Microeconomics, Clemson University, Spring 2018, Fall 2018

Introduction to Econometrics, Clemson University, Spring 2018

Computer Methods in Economics, University of Maryland, Summer 2013, Spring 2013, Winter 2013, Fall 2012, Summer 2012, Spring 2012

Guest Lecturer

Ph.D. Level:

Applications of Economic Analysis, Clemson University, Spring 2018

Teaching Assistant

Master's Level:

Empirical Analysis II, University of Maryland, Spring 2015

Economics Analysis of Law, University of Maryland, Spring 2015

Environmental Economics, University of Maryland, Fall 2014

Empirical Analysis I, University of Maryland, Fall 2014

Empirical Analysis III, University of Maryland, Fall 2014

Microeconomic Analysis, University of Maryland, Fall 2014

Undergraduate Level:

Principles of Microeconomics, University of Maryland, Spring 2016, Fall 2011

Complex Analysis and Complex Variables, Dept. of Mathematics, University of Virginia, Fall 2009

OTHER EMPLOYMENT

Lone Mountain Fellow, Property & Environment Research Center (PERC), Montana, Summer 2016

Summer Intern, Resources for the Future (RFF), Summer 2014, Summer 2015

Consultant, Development Research Group, the World Bank, Spring 2014

GRANTS

NBER Research Grant on "Economics of Energy Use in Transportation", Supported by the U.S. 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

HONORS AND AWARDS

Resources for the Future (RFF) Fellowship Supported by the Alfred P. Sloan Foundation, 2016 – 2017

Jacob K. Goldhaber Travel Grant, University of Maryland, 2015, 2016

International Conference Student Support Award, University of Maryland, 2015

Graduate Assistantship, University of Maryland, 2011 – 2016

Pi Mu Epsilon (Mathematics), UVA Chapter, 2010

Research Experience for Undergrad. (REU) Fellow, Dept. of Mathematics, University of Virginia, 2009

Dean's List, University of Virginia, 2008 – 2010

CONFERENCE AND SEMINAR PRESENTATIONS

(* for Scheduled)

2019: NBER workshop with Department of Energy*

2018: ASSA-AEA (Philadelphia), NBER Energy Use in Transportation Pre-Conference, DC Industrial Organization Day (discussant)

2017: ASSA-AEA (Chicago), American University (School of International Service), Resources for the Future (RFF), IIOC (Boston)

2016: Ohio University, Clemson University, Arizona State University, University of Maryland Baltimore County, IIOC (Philadelphia), PERC (Montana)

2015: Maryland Ag. Econ, Maryland Econ, Northeast Workshop on Energy Policy & Environmental Economics (Yale), Georgetown Center for Economic Research Conference, Camp Resources

REFEREE AND OTHER SERVICE

Peer-reviewed Journals: Journal of Environmental Economics and Management, Resource and Energy Economics

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	cropper@econ.umd.edu	(301) 405-3483
Andrew Sweeting	University of Maryland	sweeting@econ.umd.edu	(301) 405-8325
Lint Barrage	Brown University	lint_barrage@brown.edu	(401) 863-2116