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**YÌCHÉN CHRISTY ZHŌU**

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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**

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, December 2018, *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, September 2018, *Under Review*

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

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 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

## **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

## **CONFERENCE AND SEMINAR PRESENTATIONS**

(\* for Scheduled)

2019: NBER workshop with Department of Energy\*

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

2017: ASSA-AEA, American University School of International Service, Resources for the Future, IIOC

2016: Ohio University, Clemson University, Arizona State University, University of Maryland Baltimore County, IIOC, PERC

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

## **REFEREE AND OTHER SERVICE**

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