

Muxi Yang

366 Warren Hall, Ithaca, NY

Dyson School of Applied Economics and Management · SC Johnson College of Business

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EDUCATION:

Cornell University

August 2017- present

Ph.D. Candidate in Applied Economics and Management

Expected Graduation: May 2023

- Dissertation Committee: Shanjun Li, Todd Gerarden, Catherine Kling
- Research Interests and Areas: Energy and environmental economics, machine learning for causal inference, applied microeconomics

M.S. in Applied Economics and Management

2017 -2021

Duke University

Master of Environmental Management (MEM)

2013- 2015

- Environmental Economics and Policy

Washington University in St. Louis

B.A. in Environmental Biology, Economics double major (*Magna Cum Laude*)

2009- 2013

WORKING PAPERS:

Gerarden, Todd and **Muxi Yang**. August 2022. "[Using Targeting to Optimize Program Design: Evidence from an Energy Conservation Experiment](#)." Accepted at Journal of the Association of Environmental and Resource Economists (JAERE).

Li, Shanjun; Wang, Binglin; **Yang, Muxi**; Zhang, Fan. July 2022. "[Charging Infrastructure and Consumer Incentives Drive Cross-Country Disparities in Electric Vehicle Adoption](#)."

Muxi Yang. August 2022. "Targeted Behavioral Intervention as a Decision-making Problem: Who Should We Treat?"

PUBLICATIONS IN OTHER FIELDS

Woods, L.M., E.G. Biro, **M. Yang**, K.G. Smith. 2016. "Does Regional Diversity Recover After Local-Scale Restoration? A Field Experiment in Constructed Ponds." 2016. PLOS ONE. PeerJ 4:e2455

Erin Skornia, **Muxi Yang**, and Wendy Applequist. 2015. "Phenetic Analyses and Revised Classification of the Ptelea Trifoliata Complex (Rutaceae)." Western North American Naturalist 75(4): 406-428.

PROFESSIONAL EXPERIENCE:

National Grid

August 2015-July 2017

Policy & Evaluation Analyst

Waltham, MA

- Conducted cost-benefit analysis on residential and commercial energy efficiency programs (with over \$110 million annual state funding).
- Authored sections in regulatory filings and testified as a technical witness at the Public Utilities Commission hearing.

- Managed evaluation studies on the technical savings potential of multiple programs.
- Developed a central database for streamlined QA/QC.

Rocky Mountain Institute

June-August 2015

Research Intern

Boulder, CO

- Conducted market research of China's power sector and proposed low-carbon development strategies

Environmental Defense Fund

May-August 2014

Climate Corps Fellow

Canton, MA

- Conducted greenhouse gas emissions accounting and benchmarking analysis for Dunkin' Donuts Central Manufacturing Locations.
- Analysis results incorporated in the 2015 Corporate Social Responsibility report.

TEACHING EXPERIENCE

Cornell University (Teaching Assistant)

AEM 4515: Business and Economics of Energy

Fall 2019

AEM 3390/6390: Research Methods: International Development

Spring 2019

AEM 440/6140: Behavioral Economics and Managerial Decisions

Fall 2018

Duke University (Teaching Assistant)

Environ 983: Green development

Spring 2015

Environ 962: Economics of Environmental Management

Fall 2014

FELLOWSHIPS & AWARDS

Spring 2022 Flaim and Neenan Family Fellowship, Cornell University

Spring 2021 Flaim and Neenan Family Fellowship, Cornell University

Fall 2020 Graduate Research Assistantship, Cornell University

Spring 2020 Adlerbert Graduate Assistantship, Cornell University

2018-2019 Graduate Teaching Assistant Fellowships, Cornell University

2017-2018 Graduate Fellowship, Cornell University

2013-2015 Merit-based Scholarship, Duke University

2009-2013 Eliot Scholarship, Washington University in St. Louis

CONFERENCE PRESENTATIONS

2022: ASSA Annual Meeting (presenter), OSWEET Seminar (presenter)

2021: AERE Annual Conference (presenter), AERE@ Eastern Economics Association Annual Conference (presenter and discussant). International Association on Energy Economics (IAEE) Annual Conference (presenter). European Association of Environmental and Resource Economist (EAERE) Annual Conference (presenter and discussant).

BLOGS AND MEDIA COVERAGE

A More Cost-Effective Approach to Encourage Energy Conservation. July 30, 2021. Kleinman Center for Energy Policy. University of Pennsylvania.

[How to Encourage Electric-car Use](#). August 18, 2022. The Economist.

UNIVERSITY SERVICE

Graduate Student Associate (GSA) Seminar Committee, Cornell University

2018-2019

REFEREE SERVICE

Journal of the Association of Environmental and Resource Economists (JAERE)

SKILLS

Software and Languages: Python, MATLAB, R, Stata, Latex

PROFESSIONAL ASSOCIATIONS

American Economic Association (AEA), Association of Environmental and Resource Economists (AERE)