

# Gaurav Doshi

School of Economics  
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## Current Appointment

Assistant Professor, School of Economics, Georgia Institute of Technology 2023 - present

## Education

Ph.D. in Applied Economics, University of Wisconsin-Madison May 2023  
Dissertation topic: *Essays on the Economics of Energy Transition*  
Committee: Sarah Johnston (chair), Dan Phaneuf, Sheldon Du, Nick Parker, Chris Sullivan  
B.S. & M.S. in Economics, Indian Institute of Technology Kanpur May 2017

## Research Interests

Energy and Environmental Economics, Industrial Organization, Applied Econometrics

## Research

### Peer Reviewed Publications

“Transmission Integration and the Market for Congestion Revenue Rights.” With Sheldon (Xi-aodong) Du, 2021. *The Energy Journal* 42(5), 247-281.

### Working Papers

“Wiring America: The Short- and Long-Run Effects of Electricity Grid Expansion.”  
“Market Structure and Technology Adoption in Renewable Energy.” With Sarah Johnston  
“Substitution and Complementarity in the Consumption of Alcohol, Cannabis, and Opiates.”  
With Siddharth Chandra

### Work in Progress

“An Equilibrium Analysis of Power Purchase Agreement.” With Yeon Ju Baik

### Other Research

“Trade Growth Accounting in Goods and Services: An Empirical Exercise.” With S.K. Mathur, S. Singh, and A. Shrivastava, 2017. In: Mathur S., Arora R., Singh S. (eds) *Theorizing International Trade*. Palgrave Macmillan, Singapore.

## Teaching Experience

### Instructor (Georgia Tech)

ECON 4803: Machine Learning for Economics Fall 2023

### Teaching Assistant (UW Madison)

AAE 722: Machine Learning in Applied Economic Analysis Summer 2019

AAE 350: World Hunger and Malnutrition Spring 2019

## Honors, Fellowships, and Awards

Bromley Prize for Best Dissertation Paper, UW Madison AAE 2022

Dissertator Research Award, UW Madison AAE 2022

Student Research Grant Competition Award, UW Madison 2022 (× 2)

Student Research Grant Competition Award, UW Madison 2021 (× 2)

Barbara Forrest Paper Prize for Best Pre-Dissertation Paper, UW Madison AAE 2020

Kenneth and Pauline Parsons Graduate Award, UW Madison AAE 2019

Academic Excellence Award, Indian Institute of Technology Kanpur 2017

Graduate Research Award for Masters' Research, Government of India 2016 - 17

Merit-cum-Means Scholarship, Indian Institute of Technology Kanpur 2015 - 16

## Conference and Seminar Presentations

2022 Allied Social Sciences Association (ASSA) Annual Meeting (virtual); Association of Environmental and Resource Economists (AERE) Annual Summer Conference (Miami, FL); Camp Resources (Asheville, NC); CU Environmental and Resource Economics Workshop (Vail, CO); Environment and Natural Resources (ENR) Seminar UW Madison (AAE)

2021 MEA Annual Meeting (virtual); Online Summer Workshop in Environment, Energy, and Transportation (virtual); AERE Summer Conference (virtual); Empirical Methods in Energy Economics Summer Workshop (virtual); UW Madison (ENR Seminar, AAE)

2020 UW Madison (ENR Seminar, AAE)

2019 Agricultural and Applied Economics Association (AAEA) Annual Meeting (Atlanta, GA)

2018 UW Madison (ENR Seminar, AAE)

## Service

Referee: *The Energy Journal*, *Land Economics*, *Environmental and Resource Economics*

Coordinator, Student Research Colloquium, AAE, UW Madison 2019 - 21

Mentor, LGBTQ+ Peer Mentor Program, UW Madison 2020 - 21

Mentor, Undergraduate Research Scholars Program, UW Madison 2020 - 21

## Additional Information

Programming Languages: R, Stata, Matlab,  $\text{\LaTeX}$ , Julia, Python (basic)

Spoken Languages: English (fluent), Hindi (native)

Citizenship: India (F-1 Visa - OPT)