
CHENYU YANG

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Academic Positions

2019-present, Assistant Professor, Department of Economics, University of Maryland

2016-2019, Assistant Professor, Simon Business School, University of Rochester

Education

2016, PhD in economics, University of Michigan

2010, BA in mathematics, Gustavus Adolphus College

Work in Progress

Competition and Procurement in the Space Launch Industry, with Andrew Sweeting and Ruibing Su

Working Papers

Rising Grid Connection Costs are a Barrier to Expanding Electricity Generation Capacity, with Sarah Johnston and Yifei Liu, 2025

Welfare Effects of Reducing Coal Production in China, with Tianshi Mu and Xincheng Qiu, 2025

Price Discrimination under Minimum Advertised Price Restriction, with Danial Asmat and Jake Kramer, 2025

Decentralized Dynamic Matching: A Carpooling Platform, with Xiao Liu and Zhixi Wan 2024

An Empirical Analysis of the Interconnection Queue, with Sarah Johnston and Yifei Liu, 2023 (Reject & Resubmit at Econometrica)

Publications

Estimating Discrete Games with Many Firms and Many Decisions: An Application to Merger and Product Variety, with Ying Fan, accepted at *Journal of Political Economy*, 2024

Vertical Structure and Innovation: A Study of the SoC and Smartphone Industries, *RAND Journal of Economics*, 2020

Competition, Product Proliferation and Welfare: A Study of the U.S. Smartphone Market, with Ying Fan, *AEJ: Microeconomics*, 2020

Unobserved Heterogeneity in Matching Games, with Jeremy Fox and David Hsu, *Journal of Political Economy*, 2018

A Simple Nonparametric Approach to Estimating the Distribution of Random Coefficients in Structural Models, with Jeremy Fox and Kyoo il Kim, *Journal of Econometrics*, 2016

Awards and Grants

UMD Grand Challenge Award (2023), 63k

NSF Award 2215063 (2022), An Empirical Analysis of the US Generator Interconnection Policy, co-PI, 450k

NET Institute Summer Grant (2014, 2019, 2022)

Faculty-Student Research Award (BSOS at UMD), 2020

Presentations

2024-2025 NBER Market Design, Queens, EMEE

2023-2024 Yale, PKU, CEPR Applied IO

2022-2023 NBER Innovation in the Energy Sector, Northwestern, UPenn, Rice, Duke, CBO, Chicago, NBER SI IO

2021-2022 JHU, DMV Econometrics Workshop, Penn State, FTC, APIOC, Drexel, IIOC, BSE Summer Forum (structural microeconometrics), Dynamic Structural Econometrics Conference

2020-2021 NYU IO Day, FTC Micro Conference, INFORMS, AEA

2019-2020 JSM, AEA

2018-2019 Michigan, Western Ontario, NBER Market Design, INFORMS, Maryland, Boston College, NBER SI IO, NBER SI Digitization

2017-2018 Wisconsin-Madison, AEA, DiDi, DOJ, IIOC, SICS, NASMES, SUFE IO, SITE

2016-2017 FTC, Stanford GSB, Cornell, Yale, Tsinghua, CMES, Tencent, SED

2015-2016 Rice, Cornerstone Research, Iowa, Compass Lexecon, Utah (Finance), Johns Hopkins (Carey), Yale SOM (Marketing), Rochester (Simon)

Reviews

American Economic Review, AEJ: Microeconomics (Excellence in Reviewing Award in 2020), Econometrica, Economic Journal, Economics Letters, International Economic Review, International Journal of Industrial Organization, Journal of Development Economics, Journal of Econometrics, Journal of Economic Behavior

and Organization, Journal of Economics and Management Strategy, Journal of Political Economy, Journal of Industrial Economics, Management Science, NSF, Quantitative Economics, Quantitative Marketing and Economics, Quarterly Journal of Economics, RAND Journal of Economics, Review of Economic Studies, Review of Industrial Organization

Teaching

Maryland PhD IO, Math for Econ (undergraduate)

Rochester PhD IO, Statistics (PMBA, MS Finance, MS Accounting)

Service

Maryland PhD Admission Committee (2019, 2021, 2022), DC IO Day co-organizer (2020-present)

Rochester PhD Committee (2017-2018)