

CHENYU YANG

Homepage: <https://econ-chenyu-yang.github.io>
Email: chny.yang@gmail.com
Phone: (+1)734-757-3587

3115E Tydings Hall, 7343 Preinkert Dr.,
University of Maryland
College Park, MD 20742

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

Grid Connection Costs as a Barrier to Building New Generation: Evidence and Implications for Transmission Policy, with Sarah Johnston and Yifei Liu, 2025
Welfare Effects of Reducing Coal Production in China, with Tianshi Mu and Xincheng Qiu, 2025 (Reject & Resubmit at AEJ Micro)
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, *Journal of Political Economy*, 2025
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

Resources for the Future (2024) “Analysis of Interconnection Costs and Delays” with Sarah Johnston, 25k
UMD Grand Challenge Award (2023), “Market Design, Energy Storage, and Interconnection to the U.S. Power Grid”, 63k
NSF Award 2215063 (2022), An Empirical Analysis of the US Generator Interconnection Policy with Sarah Johnston, 451k
NET Institute Summer Grant (2014, 2019, 2022)
Faculty-Student Research Award (BSOS at UMD), 2020

Presentations

2025-2026 National University of Singapore, Singapore Management University, Renmin University, Temple
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 (scheduled)
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, Telecommunications Policy

Teaching

Maryland PhD IO, Math for Econ (undergraduate)
Rochester PhD IO, Statistics (PMBA, MS Finance, MS Accounting)

Service

Maryland DC IO Day co-organizer (2020-present), Junior Recruiting Committee (2024), PhD Admission Committee (2019-22, 2024-2025), Undergraduate Studies Committee (2025)
Rochester PhD Committee (2017-2018)