

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

Working Papers

Estimating Economies of Scope in Retail Distribution: the Ready-to-Drink Category, with Wantian Huang, Yidan Xu and Ying Fan, 2026

An Empirical Analysis of the Interconnection Queue, with Sarah Johnston and Yifei Liu, 2026 (Reject & Resubmit at Econometrica)

Cited in the 2025 Economic Report of the President

Prices vs. Production Restrictions: China's Coal Industry, with Tianshi Mu and Xincheng Qiu, 2026 (Revise & Resubmit at AEJ Micro)

Competition and Procurement in the Space Launch Industry, with Andrew Sweeting and Ruibing Su, 2026 (Revise & Resubmit at Journal of Political Economy)

Robert F. Lanzillotti Prize for the best paper in antitrust economics accepted for presentation at IIOC, 2026

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

Publications

Grid Connection Costs as a Barrier to Building New Generation: Evidence and Implications for Transmission Policy, with Sarah Johnston and Yifei Liu, *Energy Economics*, 2026

Price Discrimination under Minimum Advertised Price Restriction, with Danial Asmat and Jake Kramer, *International Journal of Industrial Organization*, 2026

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, co-PI with Sarah Johnston, 451k

NET Institute Summer Grant (2.5k-5k), 2014, 2019, 2022

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

Presentations

2026-2027 (planned) City University of Hong Kong, Hong Kong University, Chinese University of Hong Kong, Hong Kong University of Science and Technology, Princeton

2025-2026 National University of Singapore, Singapore Management University, Renmin University, Temple, Penn State, IIOC, Rochester Simon Business School, DC IO Day

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 microeconomics), 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)

Discussion

2026 IIOC, Montreal Summer Conference on Industrial Organization

2023 Rice University and Sciences Po Empirical Industrial Organization Conference, IIOC

2022 Jinan-SHUFU IO Conference

2019 DC IO Day, ASSA Meeting

2018 SHUFU IO Conference

Reviews

American Economic Review, AEJ: Microeconomics (Excellence in Reviewing Award in 2020, 2025), Applied Economics Letters, 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)

Faculty Adviser for HGLO 298 (Independent Experiential Learning)

Rochester

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

Service

Maryland

DC IO Day co-organizer (2020-present), PhD Admission Committee (2019, 2021-present), MS Admission Committee (2020), Computing Committee (2023-present), Junior Recruiting Committee (2023), Undergraduate Study Committee (2024-present)

Rochester

PhD Committee (2017-2018)

Advising

Chair / Co-Chair

2026 Ruibing Su* (Cornerstone Research), Sarah Webb (BRG)

Committee Member

2021 Xinlu Yao (Amazon)

2022 Chris Holt (NYU School of Law (postdoc), now NERA), Yujie Lin (Tianjin University), Ziwei Cao (BCG, now Amazon), Panos Dimitrellos (Secretariat), Nebahat Ferda Erturk (Power Auctions LLC)

2024 Tianshi Mu* (Tsinghua University), Mario Leccese (Boston University, Questrom), Sueyoul Kim (Korea Development Institute)

2025 Jake Kramer* (Econic), Yidan Xu (Analysis Group), Mengyi Zhong (Secretariat)

2026 Yifei Liu* (Hong Kong University), Qian Wang (Sciences Po), Ziqiao Liu (TikTok)

Current Students

Wantian Huang*, Jorge Gotardo Klinnert Vlachopoulos, Mengjia Hu

Past Undergraduate RA

2023 Simon Farbman (Michigan Economics PhD Program)

2026 Maryam Khan (Maryland Transportation Engineering PhD Program)

* indicates a student coauthor.