

# CHENYU YANG

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## Academic Positions

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2019 UNIVERSITY OF MARYLAND, DEPARTMENT OF ECONOMICS  
-present *Assistant Professor*

2016 UNIVERSITY OF ROCHESTER, SIMON BUSINESS SCHOOL  
-2019 *Assistant Professor (Economics)*

## Education

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2016 UNIVERSITY OF MICHIGAN, ANN ARBOR  
*PhD in Economics*  
Advisers: Jeremy Fox (co-chair), Dan Akerberg (co-chair), Ying Fan, S. Sriram

2010 GUSTAVUS ADOLPHUS COLLEGE  
*BA in Mathematics (Summa Cum Laude)*

## Work in Progress

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A Welfare Analysis of Reducing Coal Production: Evidence From China, with Tianshi Mu and Xincheng Qiu

Retail Pricing under Minimum Advertised Price Restrictions: Evidence from Online Hard Disk Drive Market, with Danial Asmat and Jake Kramer

Selling Inefficiencies in Thin NFT Markets, with Yufeng Huang and Bowen Luo

## Working Papers

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An Empirical Analysis of the Interconnection Queue, with Sarah Johnston and Yifei Liu. 2023 (submitted)

Estimating Discrete Games with Many Firms and Many Decisions: An Application to Merger and Product Variety, with Ying Fan. 2024 (R&R at JPE)

The Efficiency of A Dynamic Decentralized Two-sided Matching Market, with Xiao Liu and Zhixi Wan. 2024 (R&R at AER)

## Publications

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Vertical Structure and Innovation: A Study of the SoC and Smartphone Industries.  
(2020) *RAND Journal of Economics*  
Previously circulated as "Could Vertical Integration Increase Innovation?"

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

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

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

### **Awards and Grants**

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UMD Grand Challenge Award (2023), 63k

NSF 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), 2020

### **Presentations**

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2023-2024 Yale, PKU

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)

### **Referee/Review**

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American Economic Review, AEJ: Microeconomics (Excellence in Reviewing Award in 2020), *Econometrica*, *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 Industrial Organization*

### **Teaching**

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Maryland PhD IO, Math for Econ (undergraduate)

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

### **Service**

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

Rochester PhD Committee (2017-2018)