

# 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)*

## Working Papers

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Estimating Discrete Games with Many Firms and Many Decisions: An Application to Merger and Product Variety, with Ying Fan. 2022

The Efficiency of A Dynamic Decentralized Two-sided Matching Market, with Xiao Liu and Zhixi Wan. 2021 (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*

## Presentations

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2021-2022 Johns Hopkins, DMV Econometrics Workshop, Penn State, FTC, APIOC, Drexel, IIOC

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), International Economic Review, International Journal of Industrial Organization, Journal of Development Economics, Journal of Econometrics, Journal of Economics and Management Strategy, 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), DC IO Day co-organizer (2020-present)  
Rochester PhD Committee (2017-2018)