

# Xiaosheng Mu

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## **Academic Appointments:**

Princeton University, Department of Economics  
Assistant Professor in Economics, July 2020 to Present

Columbia University, Department of Economics  
Assistant Professor in Economics, July 2019 - June 2020

Yale University, Cowles Foundation for Research in Economics  
Postdoctoral Research Associate July 2018 - June 2019

## **Education:**

Harvard University  
Ph.D. in Economics, 2013-2018  
Dissertation: *Essays on the Economics of Information*  
Committee: Drew Fudenberg, Eric Maskin, Tomasz Strzalecki

Yale University  
B.A. in Mathematics and in Economics, 2009-2013

## **Research and Teaching Fields:**

Game Theory, Mechanism Design, Decision Theory, Behavioral Economics

## **Publications:**

“From Blackwell Dominance in Large Samples to Rényi Divergences and Back Again”  
(with Luciano Pomatto, Philipp Strack and Omer Tamuz)  
*Econometrica*, Accepted.

“Informational Robustness in Intertemporal Pricing” (with Jonathan Libgober)  
*Review of Economic Studies*, Forthcoming.

“Complementary Information and Learning Traps” (with Annie Liang)  
*Quarterly Journal of Economics*, Vol. 135 (1), Pages 389-448, 2020.

“Log-concavity of a Mixture of Beta Distributions”  
*Statistics and Probability Letters*, Vol. 99, Pages 125-130, 2015.

“Differentially Private and Incentive Compatible Recommendation System for the Adoption of Network Goods” (with Kevin He)  
*Proceedings of the 15th ACM Conference on Economics and Computation*, Pages 949-966, 2014.

### **Working Papers:**

“Dynamically Aggregating Diverse Information” (with Annie Liang and Vasilis Syrgkanis)

-Revise and Resubmit at *Econometrica*

“Bayesian Privacy” (with Ran Eilat and Kfir Eliaz)

-Revise and Resubmit at *Theoretical Economics*

“Paying for Attention: The Impact of Information Processing Costs on Bayesian Inference” (with Scott D. Kominers and Alexander Peysakovich)

-Revise and Resubmit at *Games and Economic Behavior*

“Amendment Voting with Incomplete Preferences”

-Revise and Resubmit at *Social Choice and Welfare*

“Optimal and Myopic Information Acquisition” (with Annie Liang and Vasilis Syrgkanis)

-Extended Abstract in EC '18

“Keeping Your Story Straight: Truth-telling and Liespotting” (with Johannes Hörner and Nicolas Vieille)

### **Professional Service:**

Refereeing for American Economic Review, Econometrica, Journal of Political Economy, Quarterly Journal of Economics, Theoretical Economics, Games and Economic Behavior, Management Science, Communications in Statistics

Program committee for EC '19 and EC '20, ACM Conference on Economics and Computation

### **Invited Talks:**

2017/18: INFORMS Meetings, Columbia DRO, Princeton, UPenn, Yale, Columbia, Berkeley, INSEAD Singapore, Kansas Economic Theory Workshop, Stony Brook Game Theory Conference

2018/19: UIUC, Michigan, Rochester, ASU Economic Theory Conference, Brown, UCLA, Simons Institute Beyond Differential Privacy Workshop, Hong Kong University, Asian Meeting of the Econometric Society, SHUFE Summer Workshop, SAET Conference, BFI Economic Theory Conference

2019/20: NSF/NBER/CEME Math Econ Conference, Theory at Penn State, AEA Meetings, UC Riverside Theory Workshop, Duke/UNC

### **Honors and Awards:**

2009, 2011 Winner of the William Lowell Putnam Mathematics Competition

2008 Gold Medal at the International Mathematical Olympiad

### **Personal Information:**

Citizenship: Chinese

Languages: English (proficient), Chinese (native)