
Academic Appointments

- 2020 – Now Assistant Professor of Economics, University of Pennsylvania.
2019 – 2020 Linde Institute Postdoctoral Fellow in Economics, California Institute of Technology.

Education

- 2013 – 2019 Ph.D. in Economics and A.M. in Economics, Harvard University.
2009 – 2013 B.A. in Economics, Mathematics, and Statistics, UC Berkeley.

Awards, Honors, and Grants

- 2022 – 2025 National Science Foundation Grant SES-2214950, “Learning, Behavior, and Design in Diffusion Processes” (with Krishna Dasaratha).
2022 – 2023 Economics of Digital Services Grant, University of Pennsylvania.
2022 – 2023 University Research Foundation Grant, University of Pennsylvania.
2021 Best Paper Award and Best Student Paper Award, ACM EC’21.
2019 PIMCO Postdoctoral Fellowship in Data Science, California Institute of Technology.
2014, 2015 Certificates of Distinction in Teaching (×2), Derek Bok Center at Harvard University.
2013 Mark A. Schimbor Prize in Economics and D. K. Roberts Prize in Mathematics, UC Berkeley.
2012 Phi Beta Kappa, UC Berkeley.

Journal Publications

- “Observability, Dominance, and Induction in Learning Models,” with Daniel Clark and Drew Fudenberg.
Journal of Economic Theory 206:105569, 2022.
“Mislearning from Censored Data: The Gambler’s Fallacy and Other Correlational Mistakes in Optimal-Stopping Problems,” *Theoretical Economics* 17(3):1269–1312, 2022.
“An Experiment on Network Density and Sequential Learning,” with Krishna Dasaratha.
Games and Economic Behavior 128:182-192, 2021. Presented at *ACM EC’20*.
“Player-Compatible Learning and Player-Compatible Equilibrium,” with Drew Fudenberg.
Journal of Economic Theory 194:105238, 2021.
“Network Structure and Naive Sequential Learning,” with Krishna Dasaratha.
Theoretical Economics 15(2):415–444, 2020.
“Payoff Information and Learning in Signaling Games,” with Drew Fudenberg.
Games and Economic Behavior 120:96-120, 2020.
“Learning and Type Compatibility in Signaling Games,” with Drew Fudenberg.
Econometrica 86(4):1215-1255, 2018.
“Bayesian Posteriors for Arbitrarily Rare Events,” with Drew Fudenberg and Lorens Imhof.
Proceedings of the National Academy of Sciences 114(19):4925-4929, 2017.

Working Papers

- “Learning from Viral Content,” with Krishna Dasaratha.
“Private Private Information,” with Fedor Sandomirskiy and Omer Tamuz.
Presented at *ACM EC’22*.
“Screening p-Hackers: Dissemination Noise as Bait,” with Federico Echenique.
Presented at *ACM EC’22*.
“Evolutionarily Stable (Mis)specifications: Theory and Applications,” with Jonathan Libgober.
Presented at *ACM EC’21*.
“Aggregative Efficiency of Bayesian Learning in Networks,” with Krishna Dasaratha.
Revise and resubmit at *Econometrica*. Presented at *ACM EC’21*.
“Dynamic Information Design with Diminishing Sensitivity Over News,” with Jetlir Duraj.
Revise and resubmit at *Theoretical Economics*.

Other Publications

“[Network Structure and Social Learning](#),” with Krishna Dasaratha.

ACM SIGecom Exchanges 19(2):62-67, 2021.

“[Differentially Private and Incentive Compatible Recommendation System for the Adoption of Network Goods](#),” with Xiaosheng Mu.

Proceedings of the 15th ACM Conference on Economics and Computation (ACM EC'14) 949-966, 2014.

Professional Activities

Invited Talks: 18/19: Kellogg MEDS, UCLA, Stanford, Toronto, Cornell, Penn, Wisconsin-Madison, Kansas Workshop in Economic Theory, Caltech, European Summer Symposium in Economic Theory. 19/20: Arizona, USC, Berkeley, Michigan, UC Santa Barbara, ASU Economic Theory Conference, LA Theory Day, Princeton, UCSD. 20/21: Caltech/Twitch.tv, Pittsburgh/CMU, Penn State, Emory, Aalto, McGill, Ohio State, Pennsylvania Theory Conference, Cambridge-INET Institute. 21/22: RINSE, Northwestern, Maryland, UCL, UC Riverside, Pennsylvania Theory Conference, Drew Fudenberg’s 65th Birthday, Virtual Seminars in Economic Theory. 22/23: Rochester, Sciences Po / Paris School of Economics, Yale, UT Austin, Simons Institute at Berkeley, Brown. 23/24: Economics of Digital Services Research Symposium, Florida State, Edinburgh, Duke/UNC, Bonn, LSE.

Referee: American Economic Journal: Microeconomics, American Economic Review, American Economic Review: Insights, Artificial Intelligence, Econometrica, The Economic Journal, Economic Theory, Games and Economic Behavior, International Economic Review, International Journal of Game Theory, Journal of Economic Theory, Journal of Law, Economics, and Organization, Journal of Machine Learning Research, Journal of Mathematical Economics, Journal of Political Economy Microeconomics, Journal of Public Economics, Journal of the European Economic Association, Management Science, Mathematics of Operations Research, Quarterly Journal of Economics, RAND Journal of Economics, Review of Economic Studies, Theoretical Economics.

Reviewer: Israel Science Foundation, National Science Foundation.

Program Committees: Econometric Society World Congress '20, ACM Conference on Economics and Computation (EC) '21, '22, and '23, Conference on Web and Internet Economics (WINE) '22 and '23.

Advising and Placement Outcomes

Ph.D. Dissertations: [Cuimin Ba](#) (Assistant Professor at University of Pittsburgh, Department of Economics), [Pedro Solti](#) (Quantitative Researcher at Qtron Investments), [Kan Xu](#) (Assistant Professor at Arizona State, W. P. Carey School of Business).

Undergraduate Honors Theses: [Ashmit Vyas](#) (MSc at LSE), [Nianzu Xiong](#) (MPhil at Cambridge, DPhil at Oxford).

Et Cetera...

Teaching	Graduate-Level Game Theory (rating: 3.64/4.00), Advanced Topics (rating: 3.89/4.00).
Dept. Service	2020 - Now: Theory Seminar Co-organizer, Ph.D. Admissions, Undergrad Research Advisory.
Citizenship	Canadian citizen, US permanent resident.
Languages	Canadian English (native), Mandarin Chinese (native), Canadian French (intermediate).