

Annie Liang

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EMPLOYMENT **University of Pennsylvania**
Assistant Professor, Department of Economics (2017 -)

Microsoft Research New England
Postdoctoral Researcher (2016 – 2017)

EDUCATION **Harvard University**
Ph.D. in Economics (June 2016)

Massachusetts Institute of Technology
S.B. in Mathematics and S.B. in Economics (June 2011)

PUBLICATIONS **Complementary Information and Learning Traps**, with Xiaosheng Mu (accepted at *Quarterly Journal of Economics*, extended abstract at EC 2018)

Predicting and Understanding Initial Play, with Drew Fudenberg (forthcoming at *American Economic Review*, 2019)

Inference of Preference Heterogeneity from Choice Data, *Journal of Economic Theory*, Vol. 179 (2019)

WORKING PAPERS **Dynamically Aggregating Diverse Information**, with Xiaosheng Mu and Vasilis Syrgkanis

Measuring the Completeness of Theories, with Drew Fudenberg, Jon Kleinberg, and Sendhil Mullainathan (extended abstract at EC 2017)

Games of Incomplete Information Played by Statisticians

Optimal and Myopic Information Acquisition, with Xiaosheng Mu and Vasilis Syrgkanis (extended abstract at EC 2018)

GRANTS AND AWARDS NSF Grant SES-1851629 (with Aislinn Bohren), “Learning from Diverse Sources and Models,” 2019-2022

University Research Foundation Grant (with David Dillenberger)

Kravis Award for Outstanding Undergraduate Teaching in Economics, University of Pennsylvania, 2018-2019

PROFESSIONAL
ACTIVITIES

Referee for *American Economic Review*, *AER: Insights*, *Econometrica*, *Economic Journal*, *International Economic Review*, *Journal of Economic Theory*, *Journal of Political Economy*, *Theoretical Economics*, and *Quarterly Journal of Economics*. Reviewer for *STOC*.

Program Committee: *20th ACM Conference on Economics and Computation '19*, *19th ACM Conference on Economics and Computation '18*, *18th ACM Conference on Economics and Computation '17*.

Conference Organization: *Predictive Game Theory* (co-organized with Jason Hartline), part of the Special Quarter on Data Science and Online Markets hosted by the Northwestern CS Department, May 2018; *Economics of Data Conference* (co-organized with Michael Kearns and Rakesh Vohra), hosted by the University of Pennsylvania Warren Center.

Scheduled: ACM-EC Workshop Chair for 2020-2021

INVITED TALKS

2019-2020. Seminars (scheduled): University of Maryland, Georgetown University, UCLA, University of Edinburgh, University of Michigan, University of Oxford, BU, UCL, University of Warwick, London Business School, UCSB

Conferences (scheduled): NYU Stern IO Day, Simons Workshop (Berkeley), AEA 2020, Triangle Microeconomic Conference (UNC), Workshop on Strategic Communication and Learning (Stonybrook)

2018-2019. Seminars: Brown, University of Chicago, EUI, Harvard/MIT, NYU, New Economic School, Higher School of Economics, UT Austin, Berkeley, University of Michigan SBEE, University of Pittsburgh/CMU, Cornell Johnson SBE, Kellogg Strategy, UCSD, Central European University, CERGE-EI, University of Bonn, University of Cologne

Conferences: The “FATE” of Technology: Fairness, Accountability, Transparency, and Ethics (Warren Center, UPenn), Arizona State University Economic Theory Conference, East Coast Behavioral/Experimental Conference, Nemmers Conference in Honor of David Kreps (Northwestern), Barcelona GSE Summer Forum: Workshop on Stochastic Choice, 30th Stony Brook Conference on Game Theory (Stony Brook), Workshop on Information Economics (Queen Mary University at London), Summer Institute in Computational Social Science (Princeton), RINSE

Plenary: “Highlights Beyond EC” session at EC ‘19

2017-2018. Seminars: Princeton (Behavioral/Experimental), UCLA, LSE, Cambridge University, Stanford (Behavioral/Experimental), Stanford (Theory)

Conferences: Cambridge Area Economics and Computation Day (Microsoft Research), AEA, Influence and the Media Workshop (John Hopkins), Predictive Game Theory Workshop (Northwestern CS), Cowles Conference in Economic Theory, EC ‘18, European Summer Symposium in Economic Theory (Gerzensee), Workshop on Learning and Strategic Behavior (Toyota Technological Institute in Chicago), European Summer Meeting of the Econometric Society

2016-2017. Seminars: University of Toronto, University of Rochester, Columbia University, IIES (Stockholm University), Tel Aviv University

Conferences: YoungEC Workshop (Tel Aviv University), Pennsylvania Theory Conference, EC ‘17, Big Data Conference (Harvard CMSA), SITE Experimental Economics (Stanford)

2015-2016. *Seminars:* University of Pennsylvania, Harvard Kennedy School, Boston University, Microsoft Research New England, University of Southern California, Cornell University, Kellogg School of Management (MEDS), Hebrew University, Center for Mathematical Social Sciences (Harvard), Affective Brain Lab (UCL)

Conferences: Conference in Market Design and Microeconomic Theory (Seoul), Frontiers of Economic Theory and Computer Science (UChicago), SITE Psychology and Economics (Stanford)

TEACHING

Undergraduate: Game Theory (ECON 212, University of Pennsylvania): Fall 2017, Fall 2018, Fall 2019.

Graduate: Topics in Economic Theory: Beliefs and Learning (ECON 782, University of Pennsylvania): Spring, 2018; Topics in Economic Theory: Learning, Information, and Data (ECON 782, University of Pennsylvania): Spring, 2019; Topics in Economic Theory: Learning and Information (ECON 782, University of Pennsylvania): Fall, 2019 (half-term).

PERSONAL

Citizenship: US

Place of Birth: Urbana, IL