BENJAMIN J GILLEN

ASSOCIATE PROFESSOR OF ECONOMICS
ROBERT DAY SCHOOL OF ECONOMICS AND FINANCE

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ACADEMIC APPOINTMENTS

2021-present **Claremont McKenna College**, Robert Day School of Economics and Finance, Associate Professor

2018-2021 **Claremont McKenna College**, Robert Day School of Economics and Finance, Assistant Professor

2010-2018 **Caltech**, Division of Humanities and Social Sciences, Assistant Professor

EDUCATION

2005 – 2010 **University of California, San Diego** La Jolla, CA
Ph.D. in Economics
Dissertation: Essays on Inference and Strategic Modeling

1995 – 1999 **Yale University** New Haven, CT
B.A. in Economics

PUBLICATIONS

General Equilibrium Methodology Applied to the Design, Implementation and Performance Evaluation of Large, Multi-market and Multi-unit Policy Constrained Auctions, with Charles Plott, Tim Cason, Hsingyang Lee, and Travis Maron. *Economic Theory*, May 2022, pp. 1-53.

Divergence and Convergence in Scarf Cycle Environments: Experiments and Predictability in the Dynamics of General Equilibrium Systems, with Masayoshi Hirota, Ming Hsu, Charles R. Plott, and Brian W. Rogers. *Economic Theory*, April 2021, pp. 1033–1084.

BLP-2LASSO for Aggregate Discrete-Choice Models with Rich Covariates. *The Econometrics Journal,* September 2019, 22(3), pp. 262 - 281.

Experimenting with Measurement Error: Evidence from the Caltech Cohort Survey, with Erik Snowberg and Leeat Yariv. *Journal of Political Economy,* August, 2019, 127(4), pp. 1826 - 1863.

Two Information Aggregation Mechanisms for Predicting the Opening Weekend Box Office Revenues of Films: Boxoffice Prophecy and Guess of Guesses, with David Court, Jordie McKenzie, and Charles R. Plott. *Economic Theory,* January 2018, 65(1), pp. 25 - 54.

A Parimutuel-like Mechanism for Information Aggregation: A Field Test Inside Intel, with Charles R. Plott and Matthew Shum. *Journal of Political Economy,* August 2017, 125(4), pp. 1075 - 1099.

A Note on Endogenous Norms in 'A Theory of Conformity'. *Economics Letters*, April 2015, 129, pp. 57 – 61.

Demand Estimation with High-Dimensional Product Characteristics, with Hyungsik Roger Moon and Matthew Shum. *Advances in Econometrics*, vol. 34: Bayesian Model Comparison, 2014, pp201-223.

Bayesian Minimization of Stein Loss in Covariance Matrix Estimation. *Journal of Empirical Finance*, December 2014, pp. 402-420.

The Cross-section of Conditional Mutual Fund Performance in European Stock Markets, with Ayelen Banegas, Allan Timmermann, and Russ Wermers. *Journal of Financial Economics*, June 2013, 108(3), pp. 699 - 726

A Taxonomy of Utility Functions, with Harry Markowitz in J.R. Aronson, H.L. Parmet, & R.J. Thornton (Ed) "Variations in Economic Analysis: Essays in Honor of Eli Schwartz," Springer 2009

UNPUBLISHED PAPERS

Subset Portfolios for Asset Allocation (Caltech Social Science Working Paper 1421)

Identification and Estimation of Level-k Auctions

The Power of Revealed Preference Tests: Ex-Post Evaluation of Experimental Design
with James Andreoni and William T. Harbaugh

WORK IN PROGRESS

Optimized Indexation (with Russell Wermers)

Portfolio Optimization with Simulated Moment Estimators (with Allan Timmermann)

Asset Manger's Performance and Skew in the Long Run (with Eric Hughson)

Experiments on Social Learning in Networks (with Marina Agranov and Dotan Persitz)

An Econometric Model of Price Formation and Market Equilibration (with Charles Plott)

Measurement Error Methods for Behavioral Type Classification (with Erik Snowberg and Leeat Yariv)

TEACHING

Graduate	Econometrics, Experimetrics, Time Series Analysis (Caltech)
Dissertation Committees	Yutaka Kayaba (Caltech, 2012), Thomas Ruchti (Caltech, 2013), Stephen Wu (Caltech Geophysics, 2014), Geoffrey Fisher (Caltech, 2015), Tatiana Mayskaya (Caltech, 2017), Li Song (Caltech, 2017), Mohammed Alshowaikhat (CGU, 2023)
Undergraduate	Econometrics (CMC), Portfolio Management (CMC), Investments (Caltech)
Senior Theses	Joseph LaHorgue (SP 2018), Blaze Li (SP 2018), Henry Minervini (SP 2018), Joshua Graves (FA 2019), Tonya Kotcheka (FA 2019), Ethan Kurtz (SP 2019), Truman Miller (SP 2019), Max Sickinger (SP 2019), Colton Smith (SP 2019), Jingcheng Zhu (SP 2019), Maxwell Dawson (FA 2020), William Klein (FA 2020), Meyyamai Muthiah (FA 2020), David Ying (FA 2020), William Birchard (SP 2021), Coleman Cornell (SP 2021), Yusuf Ismaeel (SP 2021), Charles Thomson (SP 2021), Audrey Guilloteau (FA 2021), Drew Child (FA 2022) Kieran Daly (FA 2022), Lok Yiu Natalie Leung (FA 2022), Nick Ong (FA 2022)

REFEREEING AND PROFESSIONAL ACTIVITIES

Refereeing: American Economic Journal – Microeconomics, American Economic Review, Economic Inquiry, Economics Letters, Economics Journal, Econometrica, Empirical Economics, Experimental Economics, Finance Research Letters, Games and Economic Behavior, Handbook of Economic Forecasting, Journal of Economic Behavior and Organization, Journal of Economic Dynamics and Control, Journal of Econometric Methods, Journal of Econometrics, Journal of Empirical Finance, Journal of Experimental and Behavioral Finance, Journal of Financial Economics, Journal of Labor Economics, Journal of Political Economy, Management Science, Managerial Finance, Political Analysis, Proceedings of the National Academy of Sciences, Quantitative Economics, Review of Derivatives Research, Review of Financial Studies; Israeli Science Foundation, National Science Foundation

Assistant to Co-Editor: Vincent Crawford, American Economic Review (2009-2010)

CONFERENCES AND SEMINARS

2022	Claremont McKenna College
2020	AEA Annual Meetings, San Diego; SouthWest Economic Theory, San Diego
2018	Microsoft Research; Advances in Field Experiments 2018 (Boston University)
2017	University of California – Riverside; University of California – Riverside SoBA; Claremont Graduate University; LA Finance Day (UCLA); Bayesian Crowd Workshop (Erasmus); Claremont McKenna College
2016	SouthWest Economic and Behavioral Economics Conference; Advances in Field Experiments 2016 (University of Chicago); University of California – Riverside
2015	Econometric Society Annual Meetings, Boston; Claremont Graduate University; The 13th Annual International Industrial Organization Conference; University of Arizona; University of Southern California; University of California - Los Angeles
2014	Advances in Econometrics Conference on Bayesian Model Selection - Irvine; Seminar on Bayesian Inference in Econometrics and Statistics - Chicago; Stanford Institute for Theoretical Economics (Empirical Implementation of Theoretical Models); California Econometrics Conference - Stanford; Cal Poly - SLO;
2013	Southwest Economic Theory Conference; Vienna Workshop on High Dimensional Time Series in Macroeconomics and Finance; The 11th Annual International Industrial Organization Conference; University of California, San Diego; Econometric Society North American Summer Meetings
2012	University of California, Riverside; Econometric Society North American Summer Meetings
2011	American Financial Association Annual Meetings, Denver; McGill Global Asset Management Conference; Stanford University; University of California, Berkeley; California Econometrics Conference, University of Southern California;
2010	University of Chicago, Booth School of Business; University of Wisconsin, Madison; University of Maryland, Smith School of Business; University of Miami; University of California, Los Angeles; EC2 on Identification, Toulouse;
2009	Stanford Institute for Theoretical Economics (Psychology and Economics); University of California, San Diego; California Institute of Technology

Conference Organizer: Bayesian Methods in Microeconometric Modeling, Caltech 2013;