

Benjamin S. Manning

CONTACT	bmanning (at) mit.edu ◇ benjaminmanning.io		
EDUCATION	Massachusetts Institute of Technology		
	Ph.D. Management Science, Information Technology		2022 - Present
	S.M., Management Research		2024
	Harvard University		
	M.P.P. Economic & Social Policy		2021
	Washington University in St. Louis		
	B.A. Mathematics (College Honors)		2017
REFERENCES	John J. Horton (Chair) MIT Sloan School of Management jjhorton (at) mit.edu	Christopher Norio Avery Harvard Kennedy School christopher_avery (at) hks.harvard.edu	
	Siddharth Suri Microsoft Research suri (at) microsoft.com		
GRANTS (\$310,000)	Emergent Ventures Fast Grant (\$50,000)		2025
	MIT Generative AI Impact Consortium & OpenAI (\$150,000) (w/ John J. Horton)		2025
	Schmidt Sciences AI at Work Award (\$10,000) (w/ Gili Rusak & John J. Horton)		2025
	Emergent Ventures Fast Grant (\$50,000)		2024
AWARDS & SCHOLARSHIPS	Harvard Distinction in Student Teaching Award		2025
	Becker Friedman Institute Price Theory Summer Camp		2025
	Kosciuszko Foundation Tuition Scholarship (\$6,500)		2019 & 2022
WORKING PAPERS	General Social Agents (Benjamin S. Manning ¹ & John J. Horton) <i>Under Review</i>		
	Automated Social Science: Language Models as Scientist and Subjects (Benjamin S. Manning ¹ , Kehang Zhu ¹ , & John J. Horton) Reject & Resubmit at <i>The Quarterly Journal of Economics</i>		
	Prompt Adaptation as a Dynamic Complement in Generative AI Systems (Eaman Jahani ¹ , Benjamin S. Manning , Joe Zhang, Hong-Yi TuYe, Mohammed Alsobay, Christos Nicolaides, Siddharth Suri, & David Holtz) Revise & Resubmit at <i>Information Systems Research</i>		
	Large Language Models as Simulated Economic Agents: What Can We Learn from Homo Silicus? (John J. Horton ¹ , Apostolos Filippas ¹ , Benjamin S. Manning ¹) Revise & Resubmit at <i>The Review of Economics and Statistics</i> Extended abstract at <i>ACM Conference on Economics & Computation</i> , 2024		
	The Coasean Singularity? Demand, Supply, and Market Design with AI Agents (Peyman Shahidi ¹ , Gili Rusak ¹ , Benjamin S. Manning ¹ , Andrey Fradkin ¹ , & John J. Horton ¹) <i>Working Paper for NBER Economics of Transformative AI: a Research Agenda</i>		

¹Indicates first author or co-first authors

Strategic Tradeoffs Between Humans and AI in Multi-Agent Bargaining

(Crystal Qian¹, Kehang Zhu¹, John J. Horton, **Benjamin S. Manning**, Vivian Tsai, James Wexler, & Nithum Thain)

Under Review

PUBLICATIONS

National Megastudy Shows that Email Nudges to Elementary School Teachers Boost Student Math Achievement, Particularly When Personalized

(Angela L. Duckworth¹, Katherine L. Milkman, ... **Benjamin S. Manning**, ..., & 26 others)
Proceedings of the National Academy of Sciences, 2025

Effect Size Magnification: No Variable is as Important as the One You're Thinking About—While You're Thinking About It

(Linnea Gandhi¹, **Benjamin S. Manning**, & Angela Duckworth)
Current Directions in Psychological Science, 2024

IN PROGRESS

AI Agents Can Enable Superior Market Designs

(Gili Rusak¹, **Benjamin S. Manning**¹, & John J. Horton)

Recapitulating all of Experimental Economics with AI Agents

(**Benjamin S. Manning**¹ & John J. Horton¹)

INVITED
TALKS²

2026: Chapman University Brownbag Seminar; AEA Annual Meeting;

2025: Workshop on Information Systems and Economics (WISE); Dartmouth Economics Seminar; North American Meeting of the Economic Science Association (ESA); Instacart Economics Team Seminar; NYU Workshop on AI and the Future of Collaborative Innovation; KOF ETH Zurich and IZA Workshop: Matching Workers and Jobs Online; Machine Learning in Economics Summer Conference (MLESC25); Academy of Management (AOM) Annual Meeting; International Conference on Computational Social Science (IC2S2); ZEW Conference on the Economics of ICT³; Wharton AI and the Future of Work Conference; AI, Mechanism Design and Human Behavior: Experiments and Theory NBER/CEME Decentralization Conference; Khipu Latin American Meeting in AI; Artificially Intelligent Social Science Workshop (Oxford); AEA Annual Meeting;

2024: Workshop on Information Systems and Economics (WISE)³; Conference on AI, Machine Learning, and Business Analytics; NABE Tech Economics Conference; Informs Annual Meeting³; Machine Learning in Science Conference; Econometric Society Interdisciplinary Frontiers Conference on Economics and AI+ML; International Conference on Computational Social Science (IC2S2)³; NBER Summer Institute—Digital Economics and AI³; ZEW Conference on the Economics of ICT; International Conference of the French Association of Experimental Economics; Instacart Economics Team Seminar; Statistical Conference in E-Commerce Research (SCECR); Wharton AI and the Future of Work Conference; International Meeting on Experimental and Behavioral Social Sciences; MIT IDE Annual Conference; Microsoft Research AI, Cognition, and the Economy Workshop; Measuring Development: AI, the Next Generation at the World Bank;

2023: Interactive Causal Learning Conference; MIT CODE; MIT CSAIL's FutureTech Seminar; Talking to Machines AI Workshop at Oxford University

TEACHING

QSTBA 830: Business Experimentation and Causal Methods, **Guest Lecturer for Andrey Fradkin**—Boston University, Spring 2025

BUSN 38802: Managerial Decision Making; **TA for Richard Thaler**, University of Chicago—Booth London Campus, Fall 2024 (Rating: 4.7/5.0)

²Includes scheduled talks

³Co-author presenting joint work.

API-101Z: Markets and Failures; **TA for Christopher Avery**—Harvard University, Spring 2022 (Rating: 4.6/5.0)

API-101Z: Markets and Failures; **TA for Christopher Avery**—Harvard University, Fall 2023 (Rating: 4.3/5.0)

AFFILIATIONS	MIT Initiative on the Digital Economy, Heterodox Academy	
PROFESSIONAL SERVICE	<i>Management Science, Southern Economic Journal, Conference on Neural Information Processing Systems (NeurIPS), Conference on Digital Experimentation (CODE), ACM-Collective Intelligence, International Conference on Information Systems (ICIS), Sociological Science, International Conference on Computational Social Science (IC2S2)</i>	
EMPLOYMENT	University of Pennsylvania	2021 - 2022
	Research Assistant for Angela Duckworth and Colin Camerer	
	University of Chicago	2020 - 2022
	Research Assistant for Jon Rogowski	
	Dartmouth College	2018 - 2019
	Research Assistant for Sydney Finkelstein	
	Phetpittayakom School	2017 - 2018
	High School Math Teacher in Thailand	
	Optiver US LLC	2016
	Execution Trading Intern	