

MARYAM FARBOODI

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MAIN ACADEMIC APPOINTMENTS

MIT Sloan School of Management

Jon D. Gruber Career Development Associate Professor (without tenure)	2024-
Jon D. Gruber Career Development Assistant Professor	2019-2024
Assistant Professor	2018-2019

Bendheim Center for Finance, Princeton University

Assistant Professor	2015-2018
Pyewacket Foundation Postdoctoral Fellow	2014-2015

OTHER APPOINTMENTS

LIDS, MIT EECS Department

Affiliate Faculty	2025-
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CEPR

Research Fellow	2024-
Research Affiliate	2019-2024

FinTech@Cornell Initiative

External Research Fellow	2023-
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NBER

Research Fellow	2019-
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EDUCATION

Ph.D., Joint Financial Economics, University of Chicago Booth School of Business and Department of Economics	2009-2014
M.Sc., Computer Science, University of Maryland at College Park	
B.Sc., Computer Engineering, Sharif University of Technology	

PUBLICATIONS

“[A Model of the Data Economy](#)” (with L. Veldkamp, 2025; NBER WP 28427), *Accepted, Review of Economic Studies*

“[Intermediation as Rent Extraction](#)” (with G. Jarosch, G. Menzio & U. Wirindiata), *Journal of Economic Theory*, 2025, 227, 106029

“[Valuing Financial Data](#)” (with D. Singal, L. Veldkamp & V. Venkateswaran), *Review of Financial Studies*, March 2025, 38(3) 938–980 (Swiss Finance Institute Outstanding Paper Award 2022)

“[Intermediation and Voluntary Exposure to Counterparty Risk](#)”, *Journal of Political Economy*, December 2023. 131(2) (Lead Article) (Best Finance Theory Paper Award & AQR Top Finance Graduate Award 2014; SCOR-PSE inaugural Young Researcher Award 2019)

“[Cleansing by Tight Credit: Rational Cycles and Endogenous Lending Standards](#)” (with P. Kondor), *Journal of Financial Economics*, October 2023, 150(1), 46-67

“[Data and Markets](#)” (with L. Veldkamp), *Annual Review of Economics*, August 2023, 15, 1–20

“[The Emergence of Market Structure](#)” (with G. Jarosch & R. Shimer), *Review of Economic Studies*, January 2023, 90(1), 261–292

“[Heterogeneous Global Booms and Busts](#)” (with P. Kondor), *American Economic Review*, July 2022, 112(7), 2178–2212

“[Where Has All the Big Data Gone?](#)” (with A. Matray, L. Veldkamp & V. Venkateswaran), *Review of Financial Studies*, 2022, 35(7): 3101–3138 (Lead article)

“[Internal and External Effects of Social Distancing in a Pandemic](#)” (with G. Jarosch & R. Shimer), *Journal of Economic Theory*, 2021, 196, 105293

“[Long Run Growth of Financial Data Technology](#)” (with L. Veldkamp), *American Economic Review*, August 2020, 110(8), 2485-2523

“[Big Data and Firm Dynamics](#)” (with R. Mihet, T. Philippon & L. Veldkamp), *American Economic Review P&P*, May 2019, 109, 38-42

“[Big Data in Finance and Growth of Large Firms](#)” (with J. Begenau & L. Veldkamp), *Journal of Monetary Economics*, August 2018, 97, 71-87

POLICY WORK

“[Proposal for a Unified Carbon Market](#)” (With R. Pande, R. Burgess, A. Norris Keiller & L. Page, 2025) [[COP30: UN Climate Change Conference 2026](#); [document 652318](#)]

WORKING PAPERS

“[Do Markets Believe in Transformative AI?](#)” (with I. Andrews, 2025; NBER WP 34243) [[Economist](#), [project syndicate](#), [risk.net](#)]

“[Good Data and Bad Data: The Welfare Effects of Price Discrimination](#)” (with A. Shourideh & N. Haghpanah, 2025) [Abstract in ACM EC 2025]

“[Equilibrium Spillover of Big Data](#)” (with P. Kondor & P. Kurlat, 2025)

“[Natural Centralization in Decentralized Finance](#)” (with P. Azar & A. Casillas, 2025; NBER WP 32949) [[House Testimony](#); [pages 13-14](#)]

“[Data-Driven Automation](#)” (with A. Koh & B. Xia, 2025)

“[Bank Opacity and Deposit Rates](#)” (with A. Babus & Gabriela Stockler, 2025)

“[Systemic Risk by Design? Causal Evidence on Endogenous Blockchain Security](#)” (with P. Azar, 2025)

“[\(Dis\)information Wars](#)” (with A. Casillas, L. Hashemi, M. Saeedi & S. Wilson, 2025; NBER WP 32896) [[Economist](#)]

WORK IN PROGRESS

“Open Banking and Credit Allocation” (with E. Breza, D. Fazio, J. Skrastins & B. van Doornik, 2025)

“Normal Divergence: Information in the Shape of the Return Distribution” (with A. Jafarian, 2021)

OTHER WRITING

[Comments on “Big Techs, Credit, and Digital Money”](#) (by M. Brunnermeier & J. Payne), BIS 24th Annual Conference, June 2025

Comments on “Network Reactions to Banking Regulation” (by S. Erol & G. Ordóñez), *Journal of Monetary Economics*, August 2017, 89, 68-70

HONORS & AWARDS

Awards

Elaine Bennett Research Prize	2024
<i>awarded annually to recognize and honor outstanding research in any field of economics by a woman not more than ten years beyond her Ph.D. (adjusted for family responsibilities)</i>	
Sloan Fellowship in economics	2024-2026
Swiss Finance Institute Outstanding Award	2022
SCOR-PSE inaugural Young Researcher Award	2019
Review of Economic Studies Tour, AQR Top Finance Graduate Award,	2014
Best Finance Theory Paper Award	

Grants

NBER Digitization Grant	2023
JFRAP Award MIT Sloan	2022
Goldman Sachs GMI Academic Fellowship	2016

Fellowships

John Leusner Fellowship	2014
Macro Financial Modeling Dissertation Fellowship, Stevanovich Fellowship	2013
Deutsche Bank Doctoral Fellowship	2012
Bradley Fellowship	2011

Sherwin Rosen Fellowship, Department of Economics, University of Chicago	2010
Bitu Daryabari Scholarship, HAND Research Foundation	2009

PROFESSIONAL ACTIVITIES

Keynote Presentations

Plenary speaker, Econometric Society North American Summer Meeting	2026
Keynote, Networks Workshop, BSE Summer Forum	2025
Keynote, Digital Economics Workshop, BSE Summer Forum	2025
Keynote, FinEML 2025 Rotterdam	2025
Keynote, Annual Society of Financial Econometrics (SoFiE) Meetings	2024
Keynote, WAMS+LAEF Conference, Asia School of Business with MIT Sloan	2023
Semi-plenary speaker, Econometric Society North American Summer Meeting	2023
Keynote, CFA Society NY & SQA Annual Data Science in Finance Conference	2022

Policy Engagement

Member, Ad-hoc Advisory council for the COP30 president	2025
Speaker, House Financial Services bipartisan task force on AI visit to MIT Schwarzman College of Computing	2024

Summer Schools

“The Big Data Revolution”:

- Digital Economics, FinTech, and AI Applications in Finance Advanced Courses in Economics, Foundation of Swiss National Bank 2023
- Finance Theory Group Summer School 2023
- MFR Summer Session, University of Chicago 2022

“Financial Networks and Intermediation: Network and Search Tools”:

- MFM Summer Session 2017
- Princeton Initiative 2015-2017

Organization

Co-organizer:

- Workshop on Data and Privacy at Stony Brook game theory summer festival, Asian Bureau of Finance and Economic Research 12th Annual Conference 2025
- Yiran Fan Memorial Conference, University of Chicago 2023
- [ABFR \(AI & Big Data in Finance Research\) Forum](#) 2021-
- [Virtual Finance Workshop](#) 2020-2021
- 15th Finance Theory Group Meeting 2016

Session Organizer: Midwest Finance Association 2025, AFA 2023, SED 2022

Program Committee: ESIF: Economics and AI+ML Econometric Society, Econometric Society World Congress 2025; Midwest Finance Association 2025; OFR Rising Scholar Conference on the Future of Financial Stability 2023, 2024; FutFinInfo 2023, 2024; Columbia & RFS AI in Finance Conference 2024; SFS Cavalcades 2020, 2021; FIRS 2018, 2021; GSU/RFS FinTech Conference 2020; International Conference on Finance & Technology (ICFT) 2022

Board Member: Covid Economics: Vetted and Real-Time Papers 2020-2021

Seminar and Conference presentations 2020-

NBER Big Data, Artificial Intelligence, and Financial Economics, Wharton Liquidity Conference, Cornell CS, FTWebinar, UCLA Fink Conference, Second Conference on Stablecoins and Tokenization FRB & FRNY, SFS Cavalcades, Women in Macro, Cowles Economic Theory Conference, 19th Annual Cowles Conference on General Equilibrium, Purdue finance, University of Wisconsin Madison finance, BU finance (*including scheduled*) 2025

Harvard/MIT Financial Economic Workshop, Berkeley Haas finance, QED Frontiers of Macroeconomics Workshop, Alfred Sloan Foundation Summer School (University of Cambridge), ESSFM (Gerzensee), Bank of Canada, Workshop on Future of Monetary systems, Bank of Canada, West Coast Search and Matching Conference, Gartner Research Board, JOIM conference, Cornell Johnson finance, Cornell micro, SF Fed, Minnesota Carlson finance, UChicago macro, Chicago Booth finance, BIS, AI RPN Workshop (DEPR) 2024

NBER SI Digitization,, NBER Political Economy, UT Austin macro, Duke Fuqua finance, 2023 Brookings CRM Authors' Conference on AI, Fifth Annual Women in Macro Conference, Microsoft Research New England, ESSET (Gerzensee), SAET, Workshop on the Future of AI and Economics (HBS), Minnesota Carlson finance, Yale macro 2023

Nobel Symposium: Covid-19 and the Economy, NBER SI Asset Pricing, Cornell finance, Washington University finance, Harvard macro, Berkeley macro, Stockholm School of Economics macro, UGA Terry College of Business, University of Massachusetts Amherst, STALR conference, IIES/SNS International Policy Talk, IIES Stockholm, Warwick, Queen Mary, SED, 2022 USC Macro Finance Conference, Seventh ECB Annual Research Conference, 16th Annual Cowles Conference on General Equilibrium, FARFE 2022 Conference, LSE Finance 2022

Minnesota macro seminar, SFI/Unil/EPFL finance, Rochester macro, ASU finance, Northwestern theory, Wisconsin Madison macro, UC Davis macro, Stoney Brooks economics, Yale SOM finance, CME Group-MSRI Prize Forum: Perils & Promises of Big Data, Harvard-MIT Financial Economic Workshop, University of Vienna, Goethe University macro, 2021 Harvard/MIT Financial Economics Workshop, 6th CCBS-MacCaLM Macro-Finance Workshop, Barcelona GSE conference, WFA, Pizzanomics conference, SED, Minnesota Macro conference, EFA, Advancing Macro Finance workshop (BFI-Chicago), UC Irvine macro, NBER EFG, Q Group conference, Stanford GSB finance, UChicago macro, ESSEC finance, CREI-UPF macro, NYU macro, INSEAD, Edinburgh 2021

Discussant 2020-

BIS annual general meeting, NBER Summer School, NBER Financial Market Regulation, NBER CEME, Fernando Alvarez at 60 Conference, Chicago Booth Asset Pricing Conference, Women in Macro Conference, Duke/UNC Asset Pricing Conference, 36th Mitsui Finance Symposium: New Frontiers in Asset Pricing, Banking workshop - IESE Barcelona, Red Rock Finance Conference, Barcelona GSE

Referee

Econometrica, AER, JPE, QJE, ReStud, JF, JFE, RFS, AER Insights, PNAS, JET, TE, JEL, EJ, IER, Operations Research, Management Science, Science, NSF, European Commission Grant