MARYAM FARBOODI

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APPOINTMENTS

Jon D. Gruber Career Development Assistant Professor, MIT Sloan	2019-
External Research Fellow, FinTech@Cornell Initiative	2023-
NBER Faculty Research Fellow, CEPR Research Affiliate	2019-
Assistant Professor, MIT Sloan School of Management	2018-2019
Assistant Professor, Bendheim Center for Finance, Princeton University	2015-2018
Pyewacket Foundation Postdoctoral Fellow, Bendheim Center for Finance, Princeton University	2014-2015

EDUCATION

Ph.D., Joint Financial Economics, Booth School of Business and Department of Economics, University of Chicago	2009-2014
M.Sc., Economics, University of Texas at Austin	2008
M.Sc., Computer Science, University of Maryland at College Park	2006
B.Sc., Computer Engineering, Sharif University of Technology	2004

PUBLICATIONS

"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 and 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, and 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 and 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, and L. Veldkamp), *American Economic Review P&P*, May 2019, 109, 38-42

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

Comments on "Network Reactions to Banking Regulation" (by Selman Erol and Guillermo Ordonez), *Journal of Monetary Economics*, August 2017, 89, 68-70

WORKING PAPERS

"A Model of the Data Economy" (with L. Veldkamp, 2022), *R&R, Review of Economic Studies*

"Valuing Financial Data" (with D. Singal, L. Veldkamp, and V. Venkateswaran, 2023), *R&R, Review of Financial Studies* (Swiss Finance Institute Outstanding Paper Award 2022)

"Intermediation as Rent Extraction" (with G. Jarosch, G. Menzio, and U. Wirindiata, 2019), *R&R, Journal of Finance*

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

"The Hidden Costs of Strategic Opacity" (with A. Babus, 2021)

WORK IN PROGRESS

"Economics of Data Intermediation" (2023)

"Dynamic Pricing in Cloud Platforms" (with S. Morris, 2023)

"A Macroeconomic Model of Data Markets" (with A. Shourideh, 2023)

"(Dis)information Wars" (with A. Casillas, L. Hashemi, M. Saeedi, and S. Wilson, 2023)

"DeFi Intermediation Chains" (with P. Azar, and A. Casillas, 2023)

"Tell Me Your Type: Information Asymmetry and Credit Allocation Through Consorcios" (with B. Doornik, J. Skrastins, and D. Schoenherr, 2021)

HONORS & AWARDS

Awards

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
Best Second Year Paper Award, Department of Economics, UT Austin 2008

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
Bita Daryabari Scholarship, HAND Res earch Foundation 2009

PROFESSIONAL ACTIVITIES

Keynote Presentations
Keynote, Annual Society of Financial Econometrics (SoFiE) Meetings (*scheduled*) 2024
Keynote, WAMS+LAEF Conference, Asia School of Business with MIT Sloan (*scheduled*) 2023
Semi-plenary, Econometric Society North American Summer Meeting 2023
Keynote, CFA Society NY & SQA Annual Data Science in Finance Conference 2022

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

Seminar and Conference presentations
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, European Summer Symposium in Economic Theory (Gerzensee), SAET, Workshop on the Future of AI and Economics (HBS), Minnesota Carlson finance, Yale macro (*including scheduled*) 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

Edinburgh, 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, 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 2021

Chicago Booth finance, Columbia GSB finance, 2020 Harvard/MIT Financial Economics Workshop (canceled due to COVID), Finance in the Clouds, IMF, NBER MEMF group summer school, NBER IFM group summer school, CEPR WE_ARE seminar, Fed Board, Women in Macroeconomics Conference, Richmond Fed, Bocconi, Minnesota Corporate Finance Conference, Wharton, Tilburg, University of Washington Foster Business School 2020

NBER EFG (Chicago) 2019

NBER summer school, AEA, Jackson Hole Finance Group Conference, RBA Workshop in Sydney, STLAR Conferences (St Louis Fed), BU Economics, Northwestern Economics, Cleveland Fed, Harvard/MIT Financial Economics Workshop 2018

NBER summer school, NYU Stern, Texas Finance Festival, 13th Cowles General Equilibrium Conference, MIT Economics, Stanford GSB Finance, Stanford GSB Economics, Stanford Conference in Honor of Bengt Holmstrom, EIEF, FTG Summer Conference London, Gerzensee, Penn State Economics, MIT Sloan, New York FED, UCLA Economics, UCLA Anderson, Kellogg, University of Chicago Economics, Duke Fuqua, Money, Banking & Asset Markets Conference (Wisconsin Madison), Five Star (NYU) 2017

AEA, SED, Minneapolis Fed, UPenn, Rome junior conference, Gerzensee, WISE (Caltech), EPFL, LSE, LBS, IESE, BU, Yale Junior Conference, MIT Sloan Junior Conference, McGill, Michigan Ross 2016

SED, WFA, 11th World Congress of the Econometric Society (Montreal), Yale Economics, NYU Economics, Banque de France, Bank of Portugal, Barcelona GSE, Third European Meeting on Networks (Cambridge), Jackson Hole Finance Group Conference, Symposium on Liquidity Risk and Capital Requirements (Georgia State), Boston Fed, Cleveland Fed 2015

SED, SoFiE (Banque de France), Interconnectedness: Building bridges between research and policy (IMF), Systemic Risk: Models and Mechanisms (Cambridge University), Oxfit (Oxford University), Economic Networks Conference (LSE), Cornell Johnson Corporate Finance Conference, Harvard, Harvard Business School, MIT Sloan, Stanford, Berkeley, Northwestern, Wharton, NYU, NYU Stern, Columbia Business School, UCLA, CEU, Toulouse 2014

Networks in Macro and Finance Conference (UChicago), Financial and Economic Networks Conference (UWisconsin), Macro Financial Modeling Conference (MIT), Financial Markets and Contracts Grad Student Conference (UChicago) 2013

Algorithmic Economics Summer School (CMU) 2012

Organization

Co-organizer:

- 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: AFA 2023, SED 2022

Program Committee: SFS Cavalcades 2020, 2021; FIRS 2018, 2021; GSU/RFS FinTech Conference 2020; International Conference on Finance & Technology (ICFT) 2022; OFR Rising Scholar Conference on the Future of Financial Stability

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

Referee

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

Discussant

Nber Summer School, NBER Financial Market Regulation, Nber CEME, Red Rock Finance Conference, Barecelona GSE, Conference in Honor of Bengt Holmstrom (Stanford), Regulating Financial Markets Conference (Bundesbank), Carnegie Rochester NYU conference, WFA, Wharton Conference on Liquidity and Financial Crisis, SFS Cavalcades, Stanford GSB junior conference, LSE 4^{th} Network Conference