

POOYA MOLAVI

CURRICULUM VITAE

Contact Information

Kellogg School of Management
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Academic Positions

- 2020– Assistant Professor of Managerial Economics & Decision Sciences, Northwestern Kellogg.
- 2020– Assistant Professor of Economics (by courtesy), Department of Economics, Northwestern University.
- 2019–20 Saieh Family Fellow in Economics, Becker Friedman Institute, University of Chicago.

Education

- 2019 Ph.D., Economics, Massachusetts Institute of Technology.
- 2013 Ph.D., Electrical and Systems Engineering, University of Pennsylvania.
- 2010 M.S.E., Electrical Engineering, University of Pennsylvania.
- 2008 B.S., Electrical Engineering, Sharif University of Technology, Tehran, Iran.

Publications

5. “Model Complexity, Expectations, and Asset Prices,” with Alireza Tahbaz-Salehi and Andrea Vedolin, *Review of Economic Studies*, 91(4): 2462–2507, 2024.
4. “A Theory of Non-Bayesian Social Learning,” with Alireza Tahbaz-Salehi and Ali Jadbabaie, *Econometrica*, 86(2): 445–490, 2018.
3. “Learning to Coordinate in Social Networks,” with Ceyhun Eksin, Alejandro Ribeiro, and Ali Jadbabaie, *Operations Research*, 64(3): 605–621, 2016.
2. “Bayesian Quadratic Network Game Filters,” with Ceyhun Eksin, Alejandro Ribeiro, and Ali Jadbabaie, *IEEE Transactions on Signal Processing*, 62(9): 2250–2264, 2014.

1. “Non-Bayesian Social Learning,” with Ali Jadbabaie, Alvaro Sandroni, and Alireza Tahbaz-Salehi, *Games and Economic Behavior*, 76(1): 210–225, 2012.

Working Papers

7. “Expectations and the Term Structure of Interest Rates,” with Alireza Tahbaz-Salehi and Andrea Vedolin, 2025.
6. “Learning and the Emergence of Nonlinearity in Financial Markets,” with Ian Dew-Becker and Stefano Giglio, 2025.
5. “Simple Models and Biased Forecasts,” 2025.
4. “Propaganda and Repression in Diverse Societies,” with Arda Gitmez and Konstantin Sonin, revise and resubmit, *Journal of Political Economy Microeconomics*, 2025.
3. “Misspecified Bayesianism,” 2024.
2. “Macroeconomics with Learning and Misspecification: A General Theory and Applications,” 2019.
1. “A Theory of Dynamic Selection in the Labor Market,” 2018.

Teaching Experience

Northwestern	MECS-560-2: Dynamic Optimization in Economics (PhD, 2020–) MECN-430-0: Microeconomic Analysis (MBA, 2022–)
MIT	14.02: Principles of Macroeconomics (Instructor, 2015, TA, 2018) 14.03/14.003: Microeconomic Theory & Public Policy (TA, 2017) 14.04: Intermediate Microeconomic Theory (TA, 2015, 2017) 14.05: Intermediate Macroeconomics (TA, 2019) 14.15/6.207: Networks (TA, 2019) 14.18: Mathematical Economic Modeling (TA, 2016)
UPenn	ESE 504-402: Introduction to Optimization Theory (TA, 2009) ESE 605: Modern Convex Optimization (TA, 2010)

Fellowships, Awards, and Honors

2019	UniCredit Best Paper Award, Copenhagen Macro Days.
2019	<i>Review of Economic Studies</i> European Tour.
2016	Neekeyfar Fund Award, Office of Graduate Education, MIT.

- 2013–15 Department of Economics Graduate Fellowship, MIT.
- 2008–13 Department of Electrical and Systems Engineering Graduate Fellowship, UPenn.
- 2003 Gold Medal, the 16th Iranian National Physics Olympiad.

Seminars and Conference Presentations

- 2025 AEA meetings (San Francisco), HKU Macroeconomics Workshop, FIRS (Seoul), CEPR conference on Beliefs and the Macroeconomy (National Bank of Belgium), SED (Copenhagen), EFA (Paris), University of Wisconsin-Milwaukee, San Francisco Fed.
- 2024 AEA meetings (San Antonio), Barcelona Summer Forum (Preferences, Bounded Rationality, and Strategic Interactions), SED (Barcelona), Transatlantic Theory Workshop (PSE), Saieh Family Fellows Conference (UChicago).
- 2023 AEA meetings (New Orleans), Stony Brook University, North America Summer Meeting of Econometric Society (UCLA), Learning and Bounded Rationality Workshop (Stony Brook), Asia Meeting of the Econometric Society (Singapore), Information and Expectations in Macroeconomics Workshop (St. Louis Fed).
- 2022 Brown, Northwestern-UChicago Economic Theory Conference, Finance Theory Group Summer Meeting (Budapest), Pizzanomics Conference (EIEF), NBER Summer Institute (Impulse and Propagation Mechanisms), SITE (Dynamic Games, Contracts, and Markets), Econometric Society European Meeting (Milan), European Finance Association (Barcelona), Chicago Fed, Toronto Junior Finance/Macro Conference, Purdue.
- 2021 AEA meetings (Chicago), UConn, UC Berkeley, SED (Minneapolis), Aalto, Saieh Family Fellows Conference (UChicago), Northwestern, City University of Hong Kong.
- 2020 Econometric Society–North American Winter Meetings (San Diego), UChicago, World Congress of the Econometric Society (Bocconi), Northwestern, Cornell, Southern Economic Association Annual Meeting (New Orleans), Econometric Society European Winter Meeting (Nottingham).
- 2019 Princeton, Minnesota, Harvard, NYU, Yale, UChicago, Northwestern Kellogg, Chicago Booth, Penn State, Columbia GSB, LSE, KU Leuven, SciencesPo, CopenhagenMacroDays (University of Copenhagen), SED (St. Louis), Stony Brook International Conference on Game Theory, SITE (Dynamic Games, Contracts and Markets), Emerging Scholars Conference (University of Wisconsin–Madison), Transatlantic Theory Workshop (Oxford), Duke, Hong Kong University, Chinese University of Hong Kong, UCLA, UC Irvine, CREI-UPF, CEMFI, Carnegie Mellon.
- 2018 MIT, Minneapolis Fed Junior Scholar Conference.
- 2016 Workshop on Information and Social Economics (Caltech).

Professional Activities

Referee AER, QJE, JPE, Econometrica, REStud, AER: Insights, Journal of Financial Economics, Theoretical Economics, JET, AEJ: Micro, Games and Economic Behavior, International Economic Review, Management Science, Operations Research.

Program European Economic Association (2021)

Committee

Member