

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

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

5. “Model Complexity, Expectations, and Asset Prices,” with Alireza Tahbaz-Salehi and Andrea Vedolin, 2021.
4. “Macroeconomics with Learning and Misspecification: A General Theory and Applications,” 2019.
3. “Tests of Subjective Rationality,” 2018.
2. “Media Capture: A Bayesian Persuasion Approach,” with Arda Gitmez, 2018.
1. “A Theory of Dynamic Selection in the Labor Market,” 2018.

Teaching Experience

Northwestern MECS-560-2: Dynamic Optimization in Economics (PhD, 2020, 2021)

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, CopenhagenMacroDays.

2019 *Review of Economic Studies* 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

2021 AEA meetings (Chicago).

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 (Stanford), 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, Theoretical Economics, JET, AEJ: Micro, Games and Economic Behavior, International Economic Review, Management Science, Operations Research.
- Program Committee European Economic Association (2021)
- Member

Outside Activities

- 2017– Winter School Leader, MIT Outing Club.
- 2017– Hiking Leader, MIT Outing Club.
- 2016–19 Graduate Resident Advisor, Baker House, MIT.