

Matthew L. Kovach

CONTACT

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EMPLOYMENT

Assistant Professor — Department of Economics, Purdue University	2023 —
Assistant Professor — Department of Economics, Virginia Tech	2017 — 2023
H.H.H Faculty Fellowship in Economics,	2022 — 2023
Affiliated Faculty, PPE Program,	2017 — 2023
Visiting Assistant Professor — Department of Economics, ITAM and CIE	2015 — 2017

EDUCATION

Ph.D. , Social Science, California Institute of Technology	June, 2015
M.S. , Social Science, California Institute of Technology	June, 2012
B.A. , Business Economics (Mathematics minor), University of California, Santa Barbara	June, 2010
<i>Summa Cum Laude</i>	

RESEARCH INTERESTS

Microeconomic Theory, Decision Theory, Behavioral Economics, Experimental Economics, Game Theory, Political Economy

PUBLICATIONS AND ACCEPTED PAPERS

1. Ambiguity and Partial Bayesian Updating. **Economic Theory**, Vol. 78(1):155-180, August 2024
2. Reference Dependence and Random Attention. **Journal of Economic Behavior & Organization**, Vol. 215: 421-441, November 2023. (with E. Suleymanov)
3. Behavioral Foundations of Nested Stochastic Choice and Nested Logit. **Journal of Political Economy**, Vol. 130(9): 2411-2461, September 2022. (with G. Tserenjigmid) **Finalist, 2023 Exeter Prize**
4. The Focal Luce Model. **American Economic Journal: Microeconomics**, Vol. 14(3): 378-413, August 2022. (with G. Tserenjigmid)
5. A Model of Stochastic Choice from Lists. **Journal of Mathematical Economics**, Vol. 96: October 2021. (with Y. Ishii and L. Ülkü)
6. Twisting the Truth: Foundations of Wishful Thinking. **Theoretical Economics**, Vol. 15(3): 989 - 1022, July 2020.
7. Satisficing with a Variable Threshold. **Journal of Mathematical Economics**, Vol. 87: 67-76, March 2020. (with L. Ülkü)

WORKING PAPERS

1. Inertial Updating with General Information (with A. Dominiak and G. Tserenjigmid) — *Revise and Resubmit* at **American Economic Review**
2. Learning Source Biases: Multisource Misspecifications and Their Impact on Predictions (with J. He, L. Hu and A. Li) — *Revise and Resubmit* at **American Economic Review**
3. Learning to be Homo Economicus: Can an LLM Learn Preferences from Choice Data? (with J. Kim, K. Lee, E. Shin, and H. Tzavellas) — *Revise and Resubmit* at **The Review of Economics and Statistics**
4. Inertial Updating (with A. Dominiak and G. Tserenjigmid) — under revision
5. Conservative Updating (with C. Chan) — in preparation for submission
6. Selling to Wishful Thinkers (with C. Chan) — preliminary draft available upon request
7. The Focal Quantal Response Equilibrium (with G. Tserenjigmid) — in preparation for submission

WORK IN PROGRESS

1. Learning from an Unknown DGP: Experimental Evidence on Belief Updating with AI Recommendations (with D. Martin and G. Tserenjigmid) — data collected and manuscript in preparation.
2. Trading with AI (with J. Kim, K. Lee, E. Shin, and H. Tzavellas)
3. ChatGPT Plays the 10 Little Treasures of Game Theory (with S. Sarangi, H. Tzavellas, and M. Wagnon) - manuscript in preparation.
4. Impressionistic Luce Rules (with R. Sonal and P. Cheung)

PRESENTATIONS

2025: UC Santa Barbara (Scheduled), Chapman Loyola Marymount (scheduled), University (scheduled), Arizona State University (scheduled), Iowa State University, Rutgers University, UT Dallas, BRIC (ITAM); Barcelona Summer Forum; Kansas Workshop in Economic Theory, University of Iowa Mini Conference; Midwest Economic Theory (Virginia Tech); 24th SAET Conference (Ischia); Econometric Society World Congress (Seoul)

2024: University of Maryland, ITAM, Southern Economic Association Annual Meeting, Science of Decision Making Conference (HKUST); Virginia Tech; ESA (OSU).

2023: Korea Advance Institute of Technology (KAIST); Seoul National University; University of Michigan, Economics; University of Michigan, School of Information; Emory University; Purdue; BESC e-seminar (The University of Queensland); Risk, Uncertainty, and Decision (Kyoto University); Science of Decision Making Conference (HKU); +Midwest Economic Theory Conference (University of Tennessee, Knoxville); +D-TEA (Institute Henri Poincaré); +SAET (Paris)

2022: The Ohio State University; University of Kansas; Purdue; 25+ years of QRE Conference (Caltech); BRIC (CERGE-EI); 12th Conference on Economic Design (University of Padova); ISI Delhi; IIT Bombay; IIT Jodhpur; 17th Annual Conference on Economic Growth and Development (ISI Delhi); +Midwest Economic Theory Conference (Notre Dame).

2021: University of Toronto; UC Santa Cruz; UC Riverside; Royal Holloway, University of London; CUHK-HKU-HKUST Joint Theory Seminar; Western University; +20th SAET Conference (Seoul); +D-TEA (PSE); International Conference on Social Choice and Voting Theory; +University of Michigan; +Risk, Uncertainty, and Decision (University of Minnesota)

2020: KAIST; Risk, Uncertainty, and Decision (Queen Mary University); Chapman University; +Workshop in Experiments, Revealed Preferences, and Decisions.

2019: University of Pennsylvania; ITAM; Barcelona GSE Summer Forum; 19th SAET Conference (Ischia); American Law and Economics Association Annual Meeting (NYU School of Law), +Midwest Economic Theory (WUSTL)
2018: Barcelona GSE Summer Forum; Midwest Economic Theory Conference (Vanderbilt University); +CIREQ Montreal Microeconomic Theory Conference; +Risk, Uncertainty, and Decision (Heidelberg University); +SEA Annual Meeting, DC; +NYU Shanghai; +Shanghai University of Finance and Economics; +Johns Hopkins University
2017: UC Santa Barbara; Cal Poly SLO; BRIC (Queen Mary University); D-TEA (HEC Paris); 17th SAET Conference (Faro); Midwest Economic Theory (Southern Methodist University); +Time, Uncertainties & Strategies IV;
2016: Chapman University; Midwest Economic Theory (University of Rochester); Econometric Society Summer Meeting, North America (University of Pennsylvania); Risk, Uncertainty, and Decision (Université Paris-Dauphine)
2015: Risk, Uncertainty, and Decision (Bocconi); University of Haifa; XVII Southwest Economic Theory Conference (University of Arizona)
2014: Midwest Economic Theory (University of Kansas)
 +: presentation by coauthor

PROFESSIONAL ACTIVITIES

Scientific committee member, *Risk, Uncertainty and Decision Conference* — 2024
 Co-Organizer, Workshop in Experiments, Revealed Preferences, and Decisions (WiERD) — 2020
 Co-Organizer, Virginia Tech Workshop on Advances in Decision Theory — 2018

REFeree SERVICE

American Economic Review, Econometrica, Review of Economic Studies, Journal of Political Economy, Theoretical Economics, Journal of Economic Theory, American Economic Journal: Microeconomics, Economic Journal, Journal of the European Economic Association, Management Science, International Economic Review, Experimental Economics, Journal of Risk and Uncertainty, Journal of Economic Behavior and Organization, Economic Theory, Journal of Mathematical Economics, Mathematical Social Sciences, Social Choice and Welfare, Theory and Decision, Economic Modelling, Group Decision and Negotiation, Journal of Mathematical Psychology, Computational Brain and Behavior, Information Systems Research

UNIVERSITY AND DEPARTMENT SERVICE

Purdue: Seminar coordinator, Fall 2024, 2025; Qualifying Exam Committee
Virginia Tech: Office of Undergraduate Research Advisory Board — College of Science representative; Seminar Coordinator, Department of Economics, Virginia Tech, Fall 2020 — Spring 2023; Developed new minor — *Behavioral Decision Science*; Behavioral Decision Science Hiring Committee 2018/2019 and 2019/2020, Collegiate Faculty Hiring Committee 2018 (Psychology); Department Of Economics: Undergraduate Committee, Enrollment Committee, Graduate Committee (Admissions), Qualifying Exam Committee; Hiring Committee 2022/2023.

TEACHING

Purdue: Microeconomics III (PhD) and Information Economics (PhD), Behavioral Economics (undergraduate)
Virginia Tech: Mathematical Methods for Economics (PhD), Principles of Economics (Micro), Choice and Behavior, Microeconomic Theory, Foundations of Behavioral Decision Science I & II
ITAM: Intermediate Microeconomics IV: Production, General Equilibrium, and Game Theory

AWARDS & GRANTS

Young Faculty Scholar Award, Daniels School of Business (Purdue)	2024
PPE Research Fellow	2021
Favorite Faculty Award	2019
Department of Economics Outstanding Faculty in Principles Courses	2018-2019
Request for Concepts Grant (\$15000), Virginia Tech	2018
Request for Concepts Grant (\$10000), Virginia Tech	2017
Junior Faculty Mentoring Grant (\$1500), Virginia Tech	2017
Gordon and Betty Moore Foundation (\$3,500)	2014

REFERENCES

Federico Echenique

Professor of Economics

UC Berkeley

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Professor of Economics and Public
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nomics

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