

Fields of Interest

Microeconomic Theory, Decision Theory, Behavioral Economics

Education

Ph.D. in Economics, Boston University, 2006.

Thesis: *Regret and Contemplation*

Advisor: Barton Lipman

M.A. in Political Economy, Boston University, 2005.

B.S. in Applied Mathematical Economics, University of Dayton, 2001.

Academic Appointments

Duke University

Professor, Department of Economics, 2019–present.

Associate Professor, Department of Economics, 2013–2019.

Northwestern University

Associate Professor, Department of Economics, 2013.

Assistant Professor, Department of Economics, 2006–2013.

Fellowships and Grants

National Science Foundation Grant SES-1851664: “Evolution and Adaptation: Ambiguity Attitudes with Optimal Risk Preferences,” with Philipp Sadowski, 2019–2022.

National Science Foundation Grant SES-1357719: “Foundations for Comparative Naiveté and Sophistication,” with David Ahn, 2014–2017.

National Science Foundation Grant SES-0851066: “A Subjective Model of Temporal Preferences,” with Haluk Ergin, 2009–2012.

Review of Economic Studies European Tour, May 2006.

Department of Economics Research Fellowship, Boston University, 2004–2005.

Dean’s Fellowship, Boston University, 2001–2002.

Editorial Positions

Co-Editor, *Theoretical Economics*, 2021–present
Associate Editor, *Econometrica*, 2018–2021
Associate Editor, *Theoretical Economics*, 2016–2021

Publications

- Adaptive Preferences: An Evolutionary Model of Non-Expected Utility and Ambiguity Aversion (with Philipp Sadowski)
Journal of Economic Theory, 218, June 2024, 105840.
- Naivete about Temptation and Self-Control: Foundations for Recursive Naive Quasi-Hyperbolic Discounting (with David S. Ahn and Ryota Iijima)
Journal of Economic Theory, 189, September 2020, 105087.
- Behavioral Characterizations of Naivete for Time-Inconsistent Preferences (with David S. Ahn, Ryota Iijima, and Yves Le Yaouanq)
Review of Economic Studies, 86, November 2019, 2319–2355.
- Dynamic Mixture-Averse Preferences
Econometrica, 86, July 2018, 1347–1382.
- Hidden Actions and Preferences for Timing of Resolution of Uncertainty (with Haluk Ergin)
Theoretical Economics, 10, May 2015, 489–541.
- Preference for Flexibility and Random Choice (with David S. Ahn)
Econometrica, 81, January 2013, 341–361.
- The Unique Minimal Dual Representation of a Convex Function (with Haluk Ergin)
Journal of Mathematical Analysis and Applications, 370, October 2010, 600–606.
- A Unique Costly Contemplation Representation (with Haluk Ergin)
Econometrica, 78, July 2010, 1285–1339.
- Anticipating Regret: Why Fewer Options May Be Better
Econometrica, 76, March 2008, 263–305. (Lead Article)
- Representing Preferences with a Unique Subjective State Space: A Corrigendum (with Eddie Dekel, Barton L. Lipman, and Aldo Rustichini)
Econometrica, 75, March 2007, 591–600.
- Correlated Equilibrium in Evolutionary Models with Subpopulations (with Justin Lenzo)
Games and Economic Behavior, 56, August 2006, 271–284.

Working Papers

- An Evolutionary Perspective on Updating Risk and Ambiguity Preferences (with Philipp Sadowski), December 2019, updated December 2024.
- Risk Attitude Optimization and Heterogeneous Stock Market Participation October 2017.

Referee

American Economic Review, Econometrica, Economic Inquiry, Games and Economic Behavior, International Game Theory Review, Journal of Economic Behavior and Organization, Journal of Economic Theory, Journal of the European Economic Association, National Science Foundation, Review of Economic Studies, Theoretical Economics, Quarterly Journal of Economics

Conference Organization

Scientific Committee for Risk, Uncertainty, and Decision (RUD) Conference
Co-organizer of Decision Day at Duke University Conference, 2015
Program Committee for 2015 Econometric Society World Congress
Program Committee for 2012 Econometric Society North American Summer Meetings

Department and University Service

Junior Recruiting Committee, Economics Department, 2019–2020.
Junior Recruiting Committee, Economics Department, 2017–2018.
Senior Recruiting Committee (chair), Economics Department, 2016–2017.
Senior Recruiting Committee, Economics Department, 2015–2016.
Junior Recruiting Committee (co-chair), Economics Department, 2013–2014.

Advising (and initial job placements)

Boning Zhou, Ph.D. 2024, Amazon (co-chair)
Eun-Seok Lee, Ph.D. 2024, POSCO Research Institute (committee member)
Zichang Wang, Ph.D. 2023, Xiamen University (chair)
Taishi Sassano, Ph.D. 2023, Tokyo University of Science (committee member)
Yonggyun Kim, Ph.D. 2023, Korea Development Institute (committee member)
Yenan Wang, Ph.D. 2021 (Finance), University of Amsterdam (committee member)
Jiayun Dong, Ph.D. 2020, Airbnb (chair)
Mengke Wang, Ph.D. 2019, University of Sydney (co-chair)
Henrique Roscoe de Oliveira, Ph.D. 2014, Penn State University (committee member)
Pablo Schenone, Ph.D. 2012, Arizona State University (committee member)