

Se Ho Kwak

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Academic position

Smith College, Spinelli Center for Quantitative Learning, Mathematics counselor, 2022, July – present
Colby College, Visiting assistant professor, 2021, July – 2022, June
Colby College, Instructor, 2021 January – June
University of Massachusetts Boston, Associate lecturer, 2021 January – May

Education

Ph.D. Economics, University of Massachusetts Amherst, Amherst, MA. May 2023 (Expected).
M.S. Mathematics, Sogang University, Seoul, South Korea, 2009.
B.A. Economics, Sogang University, Seoul, South Korea, 2003.

Research fields

Microeconomic Theory (Decision Theory, General Equilibrium Theory), Political Economy

Research Interests

Theory of fundamental uncertainty and its application to financial decision-making
Indeterminacy and genericity of Sraffian model in general equilibrium framework

Dissertation

Title: Three Essays on Shackle Decision Theory

Committee: Donald Katzner (chair), Itai Sher, Robert Kusner (outside member, mathematics)

Publication

Working paper

[“Portfolio adjustment and panic behavior under true uncertainty”, *UMass Amherst Economics Working Papers* 2022-18](#)

[“A critical reinterpretation of Shackle decision theory”, *UMass Amherst Economics Working Papers* 2022-19](#)

[“A Functional Representation of Potential Surprise Ordering”, *UMass Amherst Economics Working Papers* 2022-17](#)

[“Sraffian Indeterminacy in General Equilibrium Revisited” with N. Yoshihara, *UMass Amherst Economics Working Papers* 2019-04](#)

Journal publication

“Melting of the Euclidean metric to negative scalar curvature in 3 dimension” with Y. T. Kang, J. S. Kim, *Bulletin of the Korean Mathematical Society* 49(3), May 2012

Work in progress

“Sraffian Indeterminacy in Von Neumann Economy” with N. Yoshihara, R. Veneziani

Seminar and Presentation

Session Discussant, *Eastern Economic Association, 46th Annual Conference*, Boston, March 2018.

“A new interpretation of Shackle decision theory”, *New School-UMass Graduate Workshop*, New School for social research, New York, Nov, 2019.

“Panic Behavior in Portfolio Adjustment in True Uncertainty”, *Economic Theory Workshop*, University of Massachusetts Amherst, December, 2019.

“Portfolio Selection under fundamental uncertainty in historical time”, *Eastern Economic Association, 46th Annual Conference*, Boston, March, 2020.

“Panic Behavior in Portfolio Adjustment in True Uncertainty” *FUR (Foundation of Utility and Risk) conference*, University of Technology Sydney, July 2021 (changed to Zoom).

Teaching Fields

Microeconomics, Game theory, Mathematical economics, Political economy, History of economic thought

Teaching Experience

Sole Instructor, Colby College

Econ 133: Principles of microeconomics – 2021 Spring, 2021 Fall
Econ 293: Research methods and statistics in economics – 2021 Spring
Econ 379: Game Theory – 2022 Spring

Sole Instructor, University of Massachusetts Boston

Econ 101: Introduction to microeconomics – 2021 Spring

Sole Instructor, University of Massachusetts Amherst

Econ 341: Labor Economics – 2017 Spring
Summer Math camp for incoming grad students – 2015 Summer
Econ 103: Introduction to Microeconomics (Online) – 2017 Winter, 2018 Winter
Econ 104: Introduction to Macroeconomics (Online) – 2020 Fall, 2022 Spring
Econ 203: Intermediate Microeconomics (Online) – 2016 Summer, 2019 Winter, 2020 Summer, 2021 Fall

Instructor of discussion section, University of Massachusetts Amherst

Econ 103: Introduction to Microeconomics – 2012 Fall, 2015 Fall
Econ 104: Introduction to Macroeconomics – Spring 2012, Spring 2013
Econ 203: Intermediate Microeconomics – 2014 Fall, 2015 Spring, 2016 Spring, Fall, 2018 Spring, 2019 Spring, Fall, 2020 Spring, Fall
Econ 204: Intermediate Macroeconomics – 2016 Fall
Econ 309: Game Theory – 2018 Fall
Econ 330: Labor History in American Economy - Fall 2011
Econ 701: Microeconomic Theory (Graduate) – 2014 Spring, 2015 Spring
Econ 751: Mathematical Methods for Economists (Graduate) – Fall 2013

Teaching experience in mathematics (individual or group-based meetings), Smith College

Econ 155: Mathematical Economics
Math 111: Calculus 1
Math 112: Calculus 2
Math 211: Linear Algebra
Math 212: Multi-variable Calculus
Math 253: Discrete Mathematics

Book Publication

Book Translation (Korean Version): *The Rise and Fall of Neoliberal Capitalism* by D. M. Kotz, Narum Books, Seoul, 2018

Service

UMass Amherst. Economics Graduate Student Organization (EGSO), Treasurer, 2014-2016

Skills

STATA, E-VIEWS, MATHEMATICA

References

Donald W. Katzner

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University of Massachusetts Amherst
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Peter Skott

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