

CURRICULUM VITAE

Motoyuki Yoshihara

Contact Information

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Education

2023-2027(Expected) Ph.D., Applied Economics, Cornell University
Advisor: Stuart Rosenthal
2013-2017 B.A., Economics, *Summa Cum Laude*, University of California – San Diego
2013-2017 B.A., Political Science, University of California - San Diego

Research Areas

Urban Economics, Real Estate Finance, Spatial Econometrics

Appointments

2026-Present U.S. Air Force Academy, Department of Economics and Geosciences
Inaugural Dick and Rosalie Bush Fellow
2026-Present Tech Policy Institute, Cornell University
Fellow
2026-Present Reppy Institute for Peace and Conflict Studies, Cornell University
Evangelista Fellow
2022-Present U.S. Army, Department of Defense
Operations Research Analyst
2023 Center for Policy Research (CPR), Syracuse University
Graduate Research Associate
2012 Cognitive, Linguistic and Psychological Sciences (CLPS), Brown University
Research Assistant

Working Paper

“The Arbitrage-free Valuation of Durable Assets and Related Real Options,” 2026. (with Robert Jarrow and Crocker Liu)

“‘Racial Laundering?’: The Neighborhood Consequences of Large-Scale Investor Activity in Single-Family Real Estate”

Work in Progress

“Filtering in Commercial Real Estate” (with Nathaniel Baum-Snow, Stephan Heblich, and Stuart Rosenthal), draft available upon request

“Why Have City Centers Not Regained Their Pre-Pandemic Commercial Value?” (with Stuart Rosenthal, William Strange, and Andrew Wei)

“Local Government Bidding for Large Manufacturing Firms in a Real Option Framework”

Refereed Publications

“‘Necessary and Sufficient’ in Biology is not Necessarily Necessary – Confusions and Erroneous Conclusions Resulting from Misapplied Logic in the Field of Biology, Especially Neuroscience.” (with Motojiro Yoshihara), *Journal of Neurogenetics*, 32(2), 2018, pp.52-64.

-Featured in *Nature*: “Not Necessary: Phrase ‘Necessary and Sufficient’ Blamed For Flawed Neuroscience.” 558 (2018), 162.

Teaching Experience

Primary Instructor

2027 Special Topics in Economics, U.S. Air Force Academy (Scheduled)
2026 Principles of Economics, U.S. Air Force Academy
2023 Intermediate Microeconomics, Syracuse University

Teaching Assistant

2025 - 2026 Investment in Real Estate Securities and Funds (graduate level), Cornell University
2023 Urban Economics, Syracuse University
2023 Real Estate Economics and Finance, Syracuse University
2022 Economic Statistics (graduate level), Syracuse University
2022 Intermediate Mathematical Microeconomics, Syracuse University
2022 Introductory Microeconomics, Syracuse University
2021 - 2022 Labor Economics, Syracuse University
2017 Intermediate Microeconomics, University of California - San Diego
2016 Intermediate Econometrics, University of California - San Diego

Selected Presentations

2027 AREUEA-ASSA (Scheduled)
2026 2nd Zurich–Oxford Doctoral Symposium on Real Estate Markets (Scheduled)
2026 AREUEA International Conference, Universidad EAFIT (Accepted)
2026 94th MORS Symposium
2026 15th European Meeting of the Urban Economics Association, CREI
2026 New York Camp Econometrics XX
2026 University of Saskatchewan
2026 AREUEA-ASSA
2025 19th North American Meeting of the Urban Economics Association, UQAM
2025 Urban Economics Association Summer School, Tufts University
2025 International Business Analytics Conference (IBAC), SUNY Fredonia
2025 Cornell Real Estate Symposium
2022, 2023 Labor Group Seminar, Syracuse University

Grants, Awards, and Honors

2026 Commercial Real Estate Development Association Travel Grant
2026 Community Access & Outreach Beyond Cornell Award
2026 AREUEA Travel Grant
2025 Ada Howe Kent Grant
2024 Honor Graduate, Operations Research Systems Analyst – Military Applications Course
2021-2023 Graduate Fellowship, Syracuse University

2017 Ranked top 10 ROTC graduates in the nation
2016 Town and Gown Scholarship, University of California-San Diego

Academic Service

2024-Present Treasurer, Graduate Student Veterans Association
2024-2025 Undergraduate Research Advisor to Sukin Yang
2023-Present Service to School (S2S), Ambassador

Referee Service

Nature - Humanities and Social Sciences Communications

Other Professional Service

2021-2022 Cyber Security Manager (Captain), U.S. Army
2019-2021 Senior Logistics Manager (Captain), U.S. Army
2018-2019 Ground Security Department Manager (Lieutenant), U.S. Army
2013-2014 Chemical, Biological, Radiological, and Nuclear (CBRN) Specialist, U.S. Army
 National Guard

Programming Languages

Stata, R, L^AT_EX, Python, MATLAB

Languages

English (native), Japanese (native), Korean (basic), Latin (basic), Mesopotamian Arabic (basic)

Citizenship

United States

Miscellany

Security clearance: Top Secret (TS) / Sensitive Compartmented Information (SCI)