

Naoya Nagasaka

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Education

Ph.D. Student in Economics, Indiana University, 2020–Present.

Expected completion: May 2026.

M.A. in Economics, Keio University, 2018–2020.

B.A. in Economics, Keio University, *Summa Cum Laude*, 2014–2018.

Fields of Interest

Macroeconomics, Econometrics.

Research

Job Market Paper

Identifying Macro Shocks from Micro Evidence: A Mixed Autoregressive Approach

This paper develops a methodology to identify aggregate shocks by exploiting heterogeneous direct (partial equilibrium) effects estimated from microeconomic research designs. The total effect of a shock consists of direct and indirect (general equilibrium) effects, but microeconomic tools typically do not capture the latter. Our framework builds on a time-series econometric model that incorporates both aggregate variables and functional observations, such as cross-sectional densities. We show how direct effects can be used as identification restrictions to recover the total effect. We illustrate our approach by comparing the effects of lump-sum and targeted stimulus transfer policies on aggregate outcomes and consumption inequality.

Other Working Papers

Feedback in Regime Formation

Best Young Scholar Award at the International Symposium on Econometric Theory and Applications (SETA) 2024

Estimating The Missing Intercept (with Christian Matthes and Felipe Schwartzman)

Research Experience

Research Assistant for Professor Christian Matthes, 2024.

Adjunct Researcher, Faculty of Economics, Keio University, 2020.

Adjunct Research Fellow, Research Institute of Capital Formation, Development Bank of Japan, 2019–2020.

Research Assistant, Tokyo Foundation for Policy Research, 2018–2019.

Teaching Experience

Associate Instructor (full teaching responsibility), Indiana University

E370: Statistical Analysis for Business and Economics, Fall 2024.

Teaching Assistant/ Graduate Assistant, Indiana University

E571: Econometrics I (Ph.D.)

E572: Econometrics II (Ph.D.)

E672: Macroeconometrics/ M524: Financial Econometrics (Joint Ph.D.-Master's)

B251: Fundamentals of Economics for Business I

B252: Fundamentals of Economics for Business II

E370: Statistical Analysis for Business and Economics

Teaching Assistant, Keio University

Introduction to Economic History

Historical Perspective of Economic Analysis

Corporate Finance

Independent Research Project

Honors, Awards, & Fellowships

Best Young Scholar Award, International Symposium on Econometric Theory and Applications (SETA), 2024.

Lloyd Orr Dissertation Fellowship, Department of Economics, Indiana University, 2024.

Travel Award, College of Arts and Sciences, Indiana University, 2023.

Best Graduate Paper Award, Hoosier Economic Conference, 2023.

Henry M. Oliver Award (for excellence in economic theory), Department of Economics, Indiana University, 2023.

Graduate Fellowship (for distinguished applicants to Ph.D. program), College of Arts and Sciences, Indiana University, 2020–2021.

Research Encouragement Scholarship for Graduate Students, Keio University, 2018–2019.

Shinzo Koizumi Scholarship for Graduate Students, Keio University, 2018–2019.

Distinguished Undergraduate Thesis Award, Faculty of Economics, Keio University, 2018.

Conference & Workshop Presentation

Scheduled Presentation with *

2025: Indiana, RISE Workshop (Waseda)

2024: SETA (Academia Sinica)

2023: Hoosier Economic Conference (Indiana), Midwest Econometrics (Fed Cleveland)

Refereeing Service

Journal of Applied Econometrics.

Skills

Software: Matlab, Julia, Fortran, R, Python, Stata, Eviews, L^AT_EX.

Language: English (Fluent), Japanese (Native).

References

Yoosoon Chang (Co-Chair)
Professor of Economics
Indiana University
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Joon Y. Park (Co-Chair)
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Christian Matthes
Professor of Economics
University of Notre Dame
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