

Vanderbilt University
Department of Economics
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Education

Vanderbilt University, TN, United States Doctor of Philosophy in Economics In Progress	May 2025, expected
Seoul National University, Seoul, South Korea Master of Arts in Economics	Feb 2019
Ewha Womans University, Seoul, South Korea Bachelor of Economics - Economics, Finance and Economics <i>Summa Cum Laude</i>	Aug 2016

Fields of Interest

Econometrics Theory: Big Data and Machine Learning, Causal Inference.

Research

Work in Progress

“Beyond Sparsity: Local Projections Inference with High-Dimensional Covariates”
- Job market paper, [Most Recent Version]

Published and Forthcoming Papers

“Inference in High-dimensional Regression Models without exact or L^p sparsity”
- joint with Harold D. Chaing and Yuya Sasaki
The Review of Economics and Statistics, Forthcoming

Working Papers

“Bounds for Standard Errors from Interdependent Data”
- joint with Yuya Sasaki

Conferences and Seminars

2024

- IAAE 2024 Annual Conference (Thessaloniki, Greece) (accepted)
- IAAE 2024 Annual Conference (Xiamen, China) (accepted)
- 18th International Symposium on Econometric Theory and Applications (SETA 2024) (accepted)
- New York Camp Econometrics XVIII (Poster session)

2023

- 38th CESG Annual Meeting, McMaster University (Poster session)
- 1st CIREQ Interdisciplinary PhD Student Conference
on Big Data and Artificial Intelligence, McGill University
- New York Camp Econometrics XVII (Poster session)

2022

- 2nd International Econometrics PhD Conference, Erasmus University Rotterdam
- Midwest Econometrics Group 2022 Conference, Michigan State University
- Work In Progress Seminar, Vanderbilt University
- New York Camp Econometrics XVI (Poster session)

Awards and Scholarships

Vanderbilt University

Vanderbilt University Department of Economics Dissertation Fellowship	Spring 2025
Kirk Dornbush Summer Research Award	Summer 2023
Rendigs Fels Award for Excellence in Undergraduate Teaching	Spring 2023
Dornbush Research Assistantship	Spring 2022
Best Third Year Paper	Spring 2022
Teaching Assistant Scholarship	Fall 2020 -

Seoul National University

Brain Korea 21 Plus Scholarship	Fall 2016 - Spring 2018
Teaching Assistant Scholarship	Fall 2016 - Fall 2018

Teaching Assistantships

Vanderbilt University

Econometrics(MA level), Prof. Yuya Sasaki	Spring 2022 and Spring 2024
Intermediate Microeconomic Theory, Prof. Hojat Ghandi	Spring 2024
Statistical Analysis(PhD level), Prof. Yuya Sasaki	Fall 2023
Statistical Analysis(MA level), Prof. Adugna Olani	Fall 2023
Applied Econometrics, Prof. Zaruhi Sahakyan	Fall 2021, Spring 2021, and Fall 2022
Macroeconomics, Prof. Adugna Olani	Spring 2021
Introduction to Macroeconomics, Prof. Heather Luea	Fall 2020
Latin American Development Economics, Prof. Ana Regina Andrade	Fall 2020

Seoul National University

Econometrics (Undergraduate, Professor Yoon-Jae Whang)	Fall 2017, Spring 2018, and Fall 2018
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Skills

English (fluent), Korean (native)
R, Python, and Stata