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## Academic Appointment

Assistant Professor of Economics, University of Notre Dame

Aug 2025 –

## Education

Ph.D. in Economics, Vanderbilt University

May 2025

M.A. in Economics, Seoul National University

Feb 2019

B.A. in Economics, Ewha Womans University  
*Summa Cum Laude*

Aug 2016

## Fields of Interest

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

## Research

### 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*

### Submitted

"Local Projections Inference with High-Dimensional Covariates without Sparsity"  
- Job market paper, (won the Best Student Paper Prize at IAAE 2024 Xiamen, China)  
*Revise and Resubmit at Quantitative Economics*

### Work in Progress

"Bounds for Standard Errors in Combined Data"  
- joint with Yuya Sasaki and Nelson Matthew P. Tan<sup>@</sup>

## Conferences and Invited Seminars

### 2026

University of Iowa workshop (upcoming); Michigan State University (upcoming); ASSA 2026 Annual Meeting (Philadelphia)

## 2025

ICSIDS Annual Conference (Seville); CESG Annual Meeting (Poster session, Ottawa); Penn State University; MEG Annual Meeting (UIUC); Microeconometrics Class of 2025 Conference; World Congress of the Econometric Society (Seoul); Hanyang University; University of Notre Dame; University of North Carolina at Chapel Hill; London School of Economics; Aarhus University; Tulane University; University of Tennessee; University of Manchester; Sciences Po

## 2024

Macquarie University (Online); SEA Annual Meeting (Washington, DC); Maastricht University (Online); KAEA Job Market Conference (Online); MEG Annual Meeting (Kentucky); CESG Annual Meeting (Poster session, Toronto); Monash University; Bristol ESG Annual Conference; IAAE Annual Conference (Thessaloniki); IAAE Annual Conference (Xiamen); SETA Annual Meeting (Taipei); Graduate Research Day; New York Camp Econometrics XVIII (Poster session)

## 2023

CESG Annual Meeting (Poster session, Hamilton); CIREQ Interdisciplinary PhD Student Conference on Big Data and AI; New York Camp Econometrics XVII (Poster session)

## 2022

International Econometrics PhD Conference (Rotterdam); MEG Annual Meeting (East Lansing); WIP Seminar; New York Camp Econometrics XVI (Poster session)

## Awards and Scholarships

|                                                                 |      |
|-----------------------------------------------------------------|------|
| Honorable Mention Award, KAEA Job Market Conference             | 2024 |
| Best Student Paper Prize, IAAE 2024 Annual Conference in Xiamen | 2024 |

### Vanderbilt University

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|-------------------------------------------------------------|-----------------------|
| Kirk Dornbush Dissertation Fellowship                       | Spring 2025           |
| Kirk Dornbush Summer Research Award                         | Summer 2023           |
| Rendigs Fels Award for Excellence in Undergraduate Teaching | Spring 2023           |
| Kirk Dornbush Research Assistantship                        | Spring 2022           |
| Best Third Year Paper                                       | Spring 2022           |
| Teaching Assistant Scholarship                              | Fall 2020 - Fall 2024 |

## Teaching Experience

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|------------------------------------------------------|-----------|
| Undergraduate Econometrics, University of Notre Dame | Fall 2025 |
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