

# SIWON RYU (류시원)

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## Employment

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Researcher, Posco Research Institute (POSRI), Seoul, Korea	2025-Present
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## Education

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Ph.D. of Economics, Rice University, Houston, Texas, United States	2025
M.A. of Economics, Rice University, Houston, Texas, United States	2025
M.A. of Economics, Seoul National University, Seoul, Republic of Korea	2020
B.A. of Economics, Kyung Hee University, Seoul, Republic of Korea	2017

## Research Fields

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Econometrics; Program Evaluation; Causal Inference; Network Economics; Health Economics

## Honors

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Jennifer and Purvez Captain Award for the Most Outstanding Economics Dissertation	2025
John R. Kelly Graduate Student Teaching Prize in Economics, Rice University	2023
Robin C. Sickles Award for Best Performance in Qualifying Exams, Rice University	2022
Maria Esther and Carlos Linares Award for Best Performance in First-Year Courses, Rice University	2021
Graduate Fellowship, Rice University	2020-2025

## Working Papers

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1. **“Causal Effects of Treatments with Network Changes”** (Job market paper)
2. **“Local Average Treatment Effects with Imperfect Compliance and Interference”**
3. **“Causal Mechanism with Interference”**

## Work in Progress

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1. **“Heterogeneous Parental Labor Supply Responses to Children’s Severe Health Shocks: Evidence from Administrative Data from South Korea”** with Jungmin Lee and Hyuncheol Bryant Kim
2. **“Financial Development and Trade Network Formation”** with Daeeun Bae

## Professional Experience

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Research Assistant, Korea Institute for Industrial Economics and Trade (KIET)	2014
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## Conferences and Seminars

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Brown-Bag seminar, Rice University	2022, 2023, 2024, 2025
Texas Econometrics Camp Conference	2024

## Skills

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<b>Programming:</b>	Matlab, Stata, Mata, SAS, SAS-IML, R, Python, Julia, SQL
<b>Others:</b>	Git, HTML&CSS
<b>Languages:</b>	English (Fluent), Korean (Native)

## Teaching and Research Experience

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<b>Teaching Assistant, Rice University</b>	2021-Present
— Econometrics I (G), Econometrics II (G)	
<b>Teaching Assistant, Seoul National University</b>	2018-2019
— Econometrics (G), Topics in Econometrics (G)	
<b>Teaching Assistant at Kyung-Hee University</b>	2015
— Macroeconomics I (UG), Macroeconomics II (UG)	
<b>Research Assistant with Professor Yoon-Jae Whang, Seoul National University</b>	2018-2020
<b>Research Assistant with Professor Jungmin Lee, Seoul National University</b>	2018-2019
— <i>“Establishment The Database for The Socio-Economic Level of Korea”</i> using Database of Korea National Insurance Service (NHIS)	
<b>Research Assistant with Professors Jungmin Lee, Hyuncheol Bryant Kim, Jisoo Hwang, Seoul National University</b>	2019-2020
— <i>“Job Displacement and The Economic, Health Outcomes”</i> using Database of Korea National Insurance Service (NHIS)	
<b>Science Korea Research Assistantship, Korea Research Foundation</b>	2019-2020
<b>Brain Korea 21 Plus Research, Seoul National University</b>	2018