

Jae Yu Jung

Curriculum Vitae

CONTACT INFORMATION

Institute: Department of Economics, Michigan State University
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FIELDS OF INTEREST

Applied Microeconomics, Environmental Economics

EDUCATION

Ph.D. of Economics, Dual Major Environmental Science & Policy Michigan State University	May 2026 (expected)
Master of Economics Seoul National University	August 2019
Bachelor of Economics, <i>Summa Cum Laude</i> Seoul National University	February 2016

SKILLS

Languages
Korean (mother tongue), English (fluent)

Software
PYTHON, STATA, R, MATLAB, L^AT_EX

RESEARCH

Do EV Charging Stations Care about Electricity Rates? Job Market Paper
Student Travel Support, Environmental Science and Policy Program, Michigan State University

· This paper examines the relationship between electricity rate plans and EV charging station installations. I match the number of EV charging stations in a zip code area to commercial electricity rate schedules of investor-owned utility companies in the United States from 2015 to 2022. I also simulate electricity bills for each rate schedule that would occur. Then, I use the synthetic control difference-in-differences method and the local projection difference-in-differences method to estimate how newly introduced EV-dedicated electricity tariffs, designed to alleviate the burden of high demand charges, affected electricity bills and EV charging station entries. The results indicate the introduction of EV-dedicated tariffs led to lower electricity demand charges and 1-2 additional charging ports per zip code.

RESEARCH EXPERIENCE

Research Assistant for Prabhat Barnwal, Michigan State University	Spring 2024
Research Assistant for Oren Ziv, Michigan State University	Fall 2022
Research Assistant for Jihong Lee, Seoul National University	Jul. 2018 - Aug. 2019
Research Assistant for Center for National Competitiveness, Seoul National University	Jul. 2016 - Jan. 2017

TEACHING EXPERIENCE

Teaching Assistant, Public Finance, Michigan State University	Spring 2023
Teaching Assistant, Survey of International Economics, Michigan State University	Fall 2022
Teaching Assistant, Public Finance, Michigan State University	Spring 2022
Instructor, Intermediate Macroeconomics, Michigan State University	Fall 2021
Instructor, Economics of Sports, Michigan State University	Summer 2021
Teaching Assistant, Public Finance, Michigan State University	Spring 2021
Teaching Assistant, Quantitative Methods II, Michigan State University	Spring 2021
Teaching Assistant, Microeconomics I, Michigan State University	Fall 2020
Teaching Assistant, Intermediate Macroeconomics, Michigan State University	Spring 2020
Teaching Assistant, Intermediate Microeconomics, Michigan State University	Fall 2019
Teaching Assistant, Market Design Theories and Applications, Seoul National University	Spring 2018
Teaching Assistant, Microeconomics, Seoul National University	Spring 2018
Teaching Assistant, Introductory Statistics for Economists, Seoul National University	Fall 2016

WORK EXPERIENCE

Econ. Grad. Lab RA, Michigan State University	Fall 2023
Proctoring Coordinator, Michigan State University	Fall 2023
Proctoring Coordinator, Michigan State University	Spring 2023
Proctoring Coordinator, Michigan State University	Fall 2022

PRESENTATIONS

Expected to present in the Southern Economic Association 95th Annual Meeting	November 2025
Expected to present in the International Transportation Economics Association Annual Conference	June 2025
Expected to present in the Western Economic Association International 100th Annual Meetings	June 2025
Presented in the Midwest Economic Association 89th Annual Meetings	March 2025
Presented in the Eastern Economic Association 51st Annual Conference	February 2025
Presented in the Missouri Valley Economic Association 61st Annual Conference	October 2024
Presented in the ESPP Student Research Symposium	October 2024
Presented in the MSU/UM Energy, Environmental Economics Day	August 2024
Presented in the Western Economic Association International 99th Annual Conference	June 2024

ACTIVITIES

Participated in a Biweekly Microeconomics Theory Study Group, supervised by Jihong Lee	Summer 2018
Participated in a Weekly Machine learning Study Group, supervised by Yoon-Jae Whang	Winter 2017
Participated in a Biweekly Microeconomics Theory Study Group, supervised by Jihong Lee	Winter 2017
Participated in a Biweekly Microeconomics Theory Study Group, supervised by Jihong Lee	Summer 2017
Guarded a former Korean president, Young-Sam Kim, Republic of Korea Auxiliary Police	Feb. 2013 - Nov. 2014

HONORS, AWARD AND FELLOWSHIPS

ESPP Student Travel Support	Spring 2025
Lillian Kumata Scholarship	Spring 2025
The Mary Louise Gephart Donnell Fellowship	Spring 2025
Lillian Kumata Scholarship	Fall 2024
Council of Graduate Students Conference Award	2024
Peter Schmidt Award	2020
ESPP Doctoral Recruiting Fellowships	Fall 2019-Spring 2020
Summa Cum Laude	2016
Lecture & Research Scholarship	Spring 2018
Brain Korea 21 Plus	Fall 2017
Brain Korea 21 Plus	Spring 2016-Fall 2016
The Next Century Humanities Scholarship	Spring 2015-Fall 2015
The Next Century Humanities Scholarship	Spring 2010-Fall 2012