

ACADEMIC POSITIONS

- Assistant Professor, Harris School of Public Policy, University of Chicago 2024-
- Postdoctoral Fellow, Stanford Institute for Economic Policy Research (SIEPR) 2023-2024

RESEARCH FIELDS

Environmental and Energy Economics, Industrial Organization

EDUCATION

- **Cornell University**, Ph.D. in Economics, *Distinction in Qualification* 2023
- **Seoul National University**, M.A. in Economics, *Summa Cum Laude* 2017
- **Seoul National University**, B.A. in Economics, *Summa Cum Laude* 2015

HONORS, SCHOLARSHIPS, AND FELLOWSHIPS

- HKU-UChicago Collaborative Sustainability and Climate Research Fund 2026
- Excellence in Refereeing Award from JAERE 2026
- HKU-UChicago Collaborative Sustainability and Climate Research Fund 2025
- EPIC China Award and Research Grant 2024
- Johnson's Emerging Markets Institute Grant 2022
- The Louis Walinsky Outstanding Teaching Award 2021
- L.R. Red Wilson MA '67 Excellence in Economics Medal 2019
- Sage Fellowship, Cornell University 2017-2023
- EAP C.V. Starr Fellowship 2021-2022
- Kwanjeong Fellowship, Kwanjeong Educational Foundation 2017-2022
- Merit-based Eminence Scholarship, Seoul National University 2014-2014
- National Full Scholarship, Korea Student Aid Foundation 2012-2012

WORKING PAPERS

Attribute-Based Subsidies and Market Power: An Application to Electric Vehicles

with Panle Barwick and Shanjun Li

(revise and resubmit at *Journal of Political Economy*)

Learning by Doing in the Global Electric Vehicle Battery Industry and Implications for Government Policies

with Panle Barwick, Shanjun Li, and Nahim Zahur

(revise and resubmit at *American Economic Review*)

Subsidies versus Tradable Credits for Electric Vehicles: The Role of Market Power in the Credit Market

(revise and resubmit at *Econometrica*, Job Market Paper)

The Economics of New versus Used Electric Vehicle Subsidies

with Hunt Allcott, Tess Snyder, and Levy Kiefer

WORKS IN PROGRESS

Echoes of Leasing: Electric Vehicle Pricing in the Green Transition with Luming Chen and Haokun Sun

Who Earns When Cars Drive? Autopilot Learning, Spillovers, and the Electric Vehicle Transition with Shaoda Wang and Kai Gong

Market Power in a Lemon Market: Entry of Dominant Manufacturers into the Used Goods Market with Jiawei Yang and Sanghwa Ahn

Duel Network Effects in the EV Transition: Rise of Charging, Decline of Gas Stations with Jasmine Hao and Jing Li

PUBLICATIONS

Panle Barwick, Hyuk-soo Kwon, Shanjun Li, Yucheng Wang, and Nahim Zahur. “Industrial Policies and Innovation: Evidence from the Global Automobile Industry” *International Journal of Industrial Organization* Special Issue on Industrial Policies, Vol. 104, January 2026.

Barwick, Panle, Hyuk-Soo Kwon, Binglin Wang, and Nahim Zahur. “Pass-Through of Electric Vehicle Subsidies: A Global Analysis.” *AEA Papers and Proceedings* (2023)

Kwon, Hyuk-Soo, Jihong Lee, Sokbae Lee, and Ryungha Oh. “Knowledge Spillovers and Patent Citations: Trends in Geographic Localization, 1976–2015.” *Economics of Innovation and New Technology* 31, no. 3 (2022): 123-147.

PRESENTATIONS

Paper: *The Economics of New versus Used Electric Vehicle Subsidies*

- UC Berkeley Energy Camp June 24, 2026
- Northeast Workshop on Energy Policy and Environmental Economics May 8, 2026
- EPIC Junior Workshop April 3, 2026
- EPIC Junior Workshop May 10, 2025
- 2025 ASSA Annual Meeting, Econometric Society January 4, 2025
- NBER Distributional Consequences of New Energy Policies September 20, 2024

Paper: *Learning by Doing in the Global Electric Vehicle Battery Industry and Implications for Government Policies*

- Renmin University, School of Finance June 11, 2025
- Tsinghua University, School of Economics and Management June 9, 2025
- Sogang University, Economics May 30, 2025
- Seoul National University, Graduate School of Environmental Studies May 29, 2025
- Seoul National University, Economics May 28, 2025
- RES Seminar Series on Climate Change at IMF May 15, 2025
- EPIC Faculty Workshop November 12, 2024
- Chicago - Northwestern, China Afternoon Workshop November 8, 2024
- Camp Resources XXX Workshop August 6, 2024

- EPIC Junior Workshop May 31, 2024
- AERE 2024 Summer Conference May 29, 2024
- Cornell Econ Alumni Workshop May 11, 2024

Paper: *Subsidies versus Tradable Credits for Electric Vehicles: The Role of Market Power in the Credit Market*

- NTA 116th Annual Conference on Taxation November 2, 2023
- Resources for the Future (RFF) Seminar October 11, 2023
- LSE Environment Week September 23, 2023
- Young Economist Workshop at Yonsei University June 19, 2023
- Annual International Industrial Organization Conference (IIOC) April 23, 2023
- Washington University, Olin Business (02.06), University of Rochester, Simon Business (02.03), Federal Reserve Bank of Dallas (02.01), Southern Methodist University, Economics (01.30), University of Michigan - Ann Arbor, Economics (01.27), University of Chicago, Harris School (01.24), Indiana University, Kelley Business (01.20), University of Toronto, Economics (01.17), Arizona State University, Carey Business (01.12) 2023
- North East Universities Development Consortium (NEUDC) Conference November 5, 2022
- CU Environmental and Resource Economics Workshop September 16, 2022
- Yale Environmental and Natural Resource Economics (ENRE) Seminar September 7, 2022
- Camp Resources XXVIII Workshop August 8, 2022
- Empirical Methods in Energy Economics (EMEE) Summer Workshop July 7, 2022
- Western Economic Association International (WEAI) Annual Conference June 30, 2022
- North America Summer Meeting of the Econometric Society June 19, 2022
- Northeast Workshop on Energy Policy and Environmental Economics June 13, 2022

Paper: *Attribute-Based Subsidies and Market Power: An Application to Electric Vehicles*

- Annual Economics Graduate Student Conference of Washington University in St. Louis October 23, 2021
- Canadian PhD and Early Career Workshop in Environmental and Resource Economics June 16, 2021

Paper: *Knowledge Spillovers and Patent Citations: Trends in Geographic Localization, 1976–2015*

- Asian Meeting of the Econometric Society June 22, 2018

PROFESSIONAL SERVICE

Referee Report

American Economic Review ($\times 2$), American Economic Journal: Economic Policy ($\times 4$), American Economic Journal: Microeconomics ($\times 3$), The Review of Economics and Statistics ($\times 1$), Economic Journal ($\times 5$), Economic Letters ($\times 2$), Journal of the European Economic Association ($\times 2$), International Economic Review ($\times 2$), Journal of Industrial Economics ($\times 3$), Journal of Public Economics ($\times 1$), Journal of Environmental Economics and Management ($\times 7$), Journal of the Association of Environmental and Resource Economists ($\times 5$), Energy Economics ($\times 2$), China Economic Review ($\times 3$), Korean Economic Review ($\times 1$)

Project Evaluation

National Science Foundation (NSF) proposal evaluation ($\times 1$)