

Ohyun Kwon

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Research Interests

Economic Sanctions, Globalization and the Environment, and Trade Policy

Employment

Senior Data Scientist, The Wharton School, University of Pennsylvania, 2026 -

Consultant, Economic Research and Statistics Division, World Trade Organization, 2026

Assistant Professor, School of Economics, Drexel University, 2019 - 2026

Affiliation

Center for Global Policy Analysis, Drexel University, 2025 -

Education

Ph.D. in Economics, University of Wisconsin-Madison, 2019

visiting doctoral student, Dartmouth College, 2017-2018

M.S. in Economics, University of Wisconsin-Madison, 2014

B.A. in Finance, Guanghua School of Management, Peking University, 2012

exchange student, The Ohio State University, 2010

Research

Working Papers

1. Product Level Emission Intensities: Measurement and Application to the Carbon Border Adjustment Mechanism (with Hao Zhao and Min Qiang Zhao) ([paper](#), August 2025)
2. From Imposition to Lifting: Estimating the Effects of Sanctions Over Their Lifecycle (with Arne J. Nagengast, Jangsu Yoon and Yoto V. Yotov) (July 2024, paper available by request)
3. Do Sanctions Affect Growth? (with Constantinos Syropoulos and Yoto V. Yotov) ([paper](#), January 2026, revision requested: *International Economic Review*)

4. Does RMB Internationalization Promote Cross-Border Trade? (with Yang Jiao and Saiah Lee) ([paper](#), September 2024, submitted)
5. Currency Swap and Export Currency Invoicing (with Yang Jiao, Saiah Lee and Shang-Jin Wei) (paper coming soon)

Work in Progress

1. Bias Decomposition in Nonlinear Difference-in-Differences: The Case of Sanctions (with Arne J. Nagengast, Jangsu Yoon and Yoto V. Yotov)
2. On the Estimation of Clean Technology Using Firm-level Production and Emissions Data (with Hongsong Zhang, Hao Zhao and Min Qiang Zhao)

Publications

1. Kwon, Ohyun, Jangsu Yoon, and Yoto V. Yotov. 2025. "A Generalized Poisson-Pseudo Maximum Likelihood Estimator." *Journal of Business & Economic Statistics* August: 1–27.
2. Kwon, Ohyun, Hao Zhao, and Min Qiang Zhao. 2025. "The Reallocation Effect of Cap-and-Trade: Evidence from China." *Canadian Journal of Economics*, Accepted.
3. Jiao, Yang, Ohyun Kwon, and Saiah Lee. 2025. "International Trade and the Currency Composition of Corporate Debt." *Journal of Money, Credit and Banking*, Accepted.
4. Yalcin, Erdal, Gabriel Felbermayr, Heider Kariem, Aleksandra Kirilakha, Ohyun Kwon, Constantinos Syropoulos, Yoto V. Yotov. 2025. "The Global Sanctions Data Base—Release 4: The Heterogeneous Effects of the Sanctions on Russia." *The World Economy* 0:1–15.
5. Kwon, Ohyun, Constantinos Syropoulos, and Yoto V. Yotov. 2024. "Identifying and Quantifying the Extraterritorial Effects of Sanctions." *European Economic Review* 170 (November): 104888. [[open access](#)]
6. Kwon, Ohyun, Hao Zhao, and Min Qiang Zhao. 2023. "Global Firms and Emissions: Investigating the Dual Channels of Emissions Abatement." *Journal of Environmental Economics and Management* 118 (March): 102772.

Undergraduate Research on Peer-Reviewed Journals

1. Liu, Gordon G., Ohyun Kwon, Xindong Xue, and Belton M Fleisher. 2017. "How Much Does Social Status Matter to Longevity?—Evidence from China's Academician Election." *Health Economics* 26 (3): 292–304.
2. Kwon, Ohyun, Simon Chang, and Belton M. Fleisher. 2015. "Evolution of the Interindustry Wage Structure in China Since the 1980s." *Pacific Economic Review* 20 (1): 17–44.
3. Jae-whak Roh, and Ohyun Kwon. 2015. "Korea's Accession to the TPP: A Quantitative Approach Based on Firm-Delocation." *Journal of Korea Trade* 19 (1): 23–40.

Other Writings

1. Gravity for Undergrads (in Korean). Working Papers 202540, Center for Global Policy Analysis, LeBow College of Business, Drexel University (written by Yoto V. Yotov; translated into Chinese with Jaerim Choi).

2. Gravity for Undergrads (in Chinese). Working Papers 202537, Center for Global Policy Analysis, LeBow College of Business, Drexel University (written by Yoto V. Yotov; translated into Chinese with Miaojie Yu).
3. A New Method for Estimating Product-Level Emission Intensities and Implications for EU's Carbon Border Adjustment Mechanism (with Hao Zhao and Min Qiang Zhao). *VoxChina.org*, May 2025. [\[link\]](#)
4. On the Effectiveness of the Sanctions on Russia: New Data and New Evidence (with Gabriel Felbermayr, Heider Kariem, Aleksandra Kirilakha, Constantinos Syropoulos, Erdal Yalcin and Yoto V. Yotov). *VoxEU.org*, March 2025. [\[link\]](#)
5. Extraterritorial Sanctions: A Stick and A Carrot (with Constantinos Syropoulos and Yoto V. Yotov). *VoxEU.org*, March 2022. [\[link\]](#)

Invited Seminars and Conferences

2026:

AEA 2026 Annual Meeting (×2), Loyola University Maryland, Temple University, Penn Wharton Budget Model, CES North America Annual Conference, Rice University Workshop on Economic Sanctions

2025:

Midwest International Economics Group Spring Meeting, Annual International Industrial Organization Conference, Trade Dynamics and Global Economic Integration, Second Annual Conference on Sanctions (Vienna), Swarthmore College, KER International Conference, KATIS International Conference, Midwest International Economics Group Fall Meeting, NBER Chinese Economy Working Group Fall Meeting

2024:

AEA 2024 Annual Meeting, Sanctions Workshop (Theory, Quantitative Evidence, and Policy Implications), CES North America Annual Conference, KATIS International Conference, International Conference on Empirical Economics, ETSG Annual Conference, Drexel Trade Workshop, CIFER Conference on Globalization

2023:

United States International Trade Commission, Hong Kong University of Science and Technology - Guangzhou, Xiamen University, Renmin University of China, Ulsan Institute of Science and Technology, Jinan University

2022:

Midwest International Economics Group Spring Meeting, National Bank of Romania, Annual Conference of the Southern Economic Association, Asian Meeting of the Econometric Society, North America Summer Meeting of the Econometric Society, Ulsan Institute of Science and Technology, Tianjin University, Singapore Management University

2021:

Drexel University Global Research Symposium, CES Annual Conference, Agricultural & Applied Economics Association Annual Conference

2020:

NBER International Trade Policy and Institutions Conference, CUHK-SZ

2019:

Dartmouth College, University of Nottingham, Drexel University, Bowdoin College, Southern Methodist University, Midwest International Trade Conference, Annual Conference of the Southern Economic Association

Professional Activities

Referee for:

Quarterly Journal of Economics, American Economic Journal: Economic Policy, China Economic Review, Economics Letters, Economic Inquiry, Economic Policy, European Economic Review, European Journal of Political Economy, IMF Economic Review, Journal of Asian Economics, Journal of Economic Integration, Journal of Environmental Economics and Management, Journal of International Economics, Journal of Labor Research, Journal of the Association of Environmental and Resource Economists, Oxford Economic Papers, Review of International Economics, Review of World Economics, The Review of Economics and Statistics, The Journal of Econometrics

Research Grant

Korea Data Agency's Data Voucher Program: 18,000,000 KRW, 2021. (with Saiah Lee and Yang Jiao)

Korea Data Agency's Data Voucher Program: 17,355,800 KRW, 2020. (with Saiah Lee and Yang Jiao)

Honors and Awards

Korean Economics Doctoral Alumni Scholarship, University of Wisconsin-Madison, November 2018

Anna Morris Ely Teaching Award, University of Wisconsin-Madison, February 2016.

President Fund Undergraduate Research Fellowship, Peking University (with Hongbo Kang and [Yiran Fan](#)), 2010

Teaching and Advising

Teaching:

ECON 902 Mathematical Economics (PhD), Drexel

ECON 969 International Trade Seminar (PhD), Drexel

ECON 548 Mathematical Economics (MS), Drexel

INTB 334 International Trade (UG), Drexel, **(3.90/4)**

ECON 102 Principles of Macroeconomics (UG), Wisconsin, **(4.78/5)**

Advising:

Oscar Camacho, 2022 (Ph.D. committee, first placement: the Brattle Group)

Kirilakha Aleksandra, 2022 (Ph.D. committee, first placement: KPMG)

Yin Zhang, 2025 expected (Ph.D. committee, first placement: Bates White)

University Service

Co-organizer, Philly Trade Group, 2025 -

Faculty advisor, International Business Student Organization, 2024 -

Co-organizer, School of Economics Brown Baguette, 2022 -

PhD Admissions Committee, 2022 -

Co-organizer, Drexel Sanctions Workshop, February 2024

Co-organizer, Drexel Trade Workshop, September 2024

Coordinator, School of Economics Master's Program, 2020-2023

Skills

Programming: Matlab, Stata, Python, Julia

Language: Korean (native), Chinese Mandarin (native), English (fluent), Chinese Cantonese (working)

Personal Information

Citizenship: Republic of Korea (U.S. Permanent Resident)