

Joseph CK Jung

Economics, Justice, and Policy Studies, Mount Royal University
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Academic Employment and Affiliations

Assistant Professor <i>Mount Royal University</i>	7/2026 – Present Calgary, AB
Fellow (Non-resident) <i>Center for Innovation and Policy Analysis (ciparesearch.ca)</i>	11/2025 – Present Halifax, NS
Postdoctoral Fellow <i>Saint Mary's University</i>	7/2023 – 10/2025 Halifax, NS
McKenna Fellow <i>Mount Allison University</i>	8/2022 – 6/2023 Sackville, NB

Education

Ph.D. in Economics <i>Dalhousie University</i>	5/2023 Halifax, NS, Canada
<i>Dissertation:</i> “Three Essays on Industrial Policy, Income Inequality and Economic Development” <i>Committee:</i> Lars Osberg (Chair), Dozie Okoye, James McNeil, Marc Lavoie (External, U of Ottawa)	
M.A. in Economics <i>University of Denver</i>	11/2005 Denver, CO, USA
B.A. in Economics <i>Sogang University</i>	Seoul, Korea

Research and Teaching Interests

Research Areas:

Political Economy: Energy, Income Distribution and Inequality, Pro-Competitive Reforms, Gender Inequality
Development Economics: Green Transition, Industrial and Innovation Policy, Public Policy, Firm Dynamics

Teaching Areas:

Quantitative Methods, Applied Econometrics, Causal Machine Learning, Political Economy, International Trade and Development, Economics of the Public Sector, Managerial Economics

Publications

“Sectoral Dynamics of Industrial Policy in a Two-sector Economy: the Case of Korea’s Heavy and Chemical Industry Promotion (1973–1979).” *Journal of Post Keynesian Economics* doi.org/10.1080/01603477.2023.2284394

Working Papers

“Impact of Government Clean Technology Innovation Support Programs on Firm-Level Energy R&D Investment: Evidence from Canada.” with Claudia De Fuentes, Lu Hao, and Joniada Milla. *R&R, Energy Economics*
“Big Business Promotion and Income Inequality Dynamics – An Agent-based Model Approach.”
“Government Support to Spur Innovation in Remote Regions in Canada – Evidence from Two Canadian Federal Programs.” with Claudia De Fuentes, Joniada Milla, and Lu Hao
“When Does Collateralized Borrowing Become Contractionary? – An Endogenous Debt Threshold.”
“Science, Technology and Innovation Policy in Innovation Systems to Address Green Transitions.” with Claudia De Fuentes and Joanna Chataway. Book chapter in *New Handbook on Innovation Systems and Developing*

Countries, 2nd edition

“Bridging the Innovation Divide: Barriers to Green Innovation for Korean SMEs.”

Works in Progress

“Does Gender Equality Mitigate Barriers to Innovation? – Evidence from Korean SMEs”

“Determinants of clean technology innovation: Does clean tech support to innovation pay off?” with Claudia De Fuentes, Joniada Milla, and Lu Hao

“The Impact of Mainstreaming on Learning and Well-being of Canadian Children Living with a Disability” with Marie-Claire Robitaille and Joniada Milla

“Government Clean Technology Support and Firm Innovation: Does Ownership Diversity Matter?” with Claudia De Fuentes

“Government Clean tech programs and environmental innovation: Does Program Design Matter?” with Claudia De Fuentes and Joniada Milla

“Effectiveness of an Innovation Policy Mix: Evidence from Canada,” with Joniada Milla, Claudia De Fuentes, and Hao Lu

“Exploring the Effects of Abortion Legalization on Parental Attitudes and Aspirations in the U.S.”

“Who Pays for the Financial Crisis? Asian Financial Crisis and Labour Share”

Research Experience

United Nations Industrial Development Organization (UNIDO)

Non-resident

Junior Policy Researcher

3/2024-12/2024

Project: “The Empirical Study of the Barriers to Innovation” (Total Contract: \$11,160 USD)

- Developed and executed empirical strategies to identify firm-level structural barriers to industrial innovation.

Invited Lectures and Conferences Presentations

Methodology: Generalized Synthetic Control Method for Policy Impact Assessment

Workshop on Policy Impact Assessment, CIPA, Saint Mary’s University, Halifax, NS, Canada 5/2026

Quantitative Impact Assessment Workshop, TBS Canada (virtual) 2/2026

Clean Technology Innovation Support Programs and Energy R&D: Low Carbon Transition

Korean Industrial Economic Association Conference, Chungju, Korea 11/2025

Research Spotlight Series, Saint Mary’s University, Halifax, NS, Canada 11/2025

Atlantic Canada Economics Association Conference, St. John’s, NL, Canada 10/2025

DRUID 25, Rotman School of Management, U of Toronto, Toronto, ON, Canada 6/2025

59th Canadian Economics Association Conference (virtual) 5/2025

Management Dept. Seminar, Sobey School of Business, Halifax, NS, Canada 2/2025

NACLICS PhD Academy, Halifax, NS, Canada 6/2024

Korea Causal Inference Summer Workshop (virtual) 6/2024

58th Canadian Economics Association Conference, Toronto, ON, Canada 6/2024

When Pro-Competitive Reforms Fail Labour: Evidence from Korean Chaebols

PhD-EVS (virtual) 5/2025

51st Eastern Economic Association Conference, New York, NY, USA 2/2025

Economics Departmental Seminar, Sobey School of Business, Halifax, NS 10/2024

NACLICS Conference, Halifax, Canada 6/2024

PPE/Economics Seminar, Mount Allison U, Sackville, NB, Canada 3/2023

Bridging the Green Innovation Divide: Barriers and Policy Insights for Korean SMEs

UNIDO, Vienna, Austria 12/2024

Sectoral Dynamics of Industrial Policy in a Two-sector Economy

27th FMM Conference, Berlin, Germany	10/2023
PPE/Economics Seminar, Mount Allison U, Sackville, NB, Canada	10/2022
Tracy Mott Economic Theory and Policy Workshop, U of Denver, CO, USA	9/2022
56th Canadian Economics Association Conference, Ottawa, Canada	6/2022
Big Business Promotion and Income Inequality Dynamics – An AB-SFC Approach	
2nd Hands-On AB-SFC Summer School, Ancona, Italy	9/2023

Teaching

Mount Royal University	Calgary, AB
Principles of Microeconomics (ECON 1101), Principles of Macroeconomics (ECON 1103)	
Saint Mary's University	Halifax, NS
Economics Statistics (ECON 3303, 5503, Graduate Level)	
Special Topics in Mathematical Economics (ECON 5800, Graduate Level)	
Mathematical Econ (ECON 3302), Intermediate Macro (ECON 3301)	
Mount Allison University	Sackville, NB
Applied Econometrics (ECON 4721), Econometric Theory (ECON 4711)	
Mount Saint Vincent University	Halifax, NS
Money and Banking (ECON 3305), Introduction to Microeconomics (ECON 1101)	

Professional Service

- Co-Designer, Curriculum for Policy Impact Assessment, CIPA, Saint Mary's University
- Discussant, DRUID 2025, Gender and Innovation Session: "Female Inventors and CEOs"
- Session Chair, ACEA 2025, CEA 2025, NACLICS 2024
- Referee, *Innovation and Development*
- Study Skills Coach, Studying for Success Program (Economics/Management), Dalhousie Univ. (2022–2023)
- Mentor, BIPOC Graduate Student Mentoring Academy, Dalhousie Univ. (2023–2026)

Grants, Fellowships, and Awards

- Postdoctoral Fellowship, Saint Mary's University (2023–2025)
- McKenna Fellowship, Frank McKenna School of PPE, Mount Allison University (2022-2023)
- Doctoral Fellowship, Dalhousie University (2015–2019)
- Letter of Recognition, BIPOC Executive Committee, Dalhousie University (2024)
- Satish Raichur Award (outstanding graduate student in political economy), University of Denver (2002, 2003)
- Academic Merit-based Dean's Scholarship (\$13,500+ USD), University of Denver (2002)
- Omicron Delta Epsilon – International Honor Society in Economics

Professional Development

Instructional Skills Workshop (ISW) Certificate (2024)

Technical Skills and Language

Stata, R, Python, Mathematica, $\LaTeX$ | Korean, English

Professional Memberships

Canadian Economics Association, Atlantic Canada Economics Association, American Economics Association

Personal

Citizenship: Republic of Korea | Canadian Permanent Resident