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- EMPLOYMENT Bank of Canada, Canadian Economic Analysis Department
 - Principal Researcher, March 2023–
 - Senior Economist, August 2016–March 2023
- OTHER AFFILIATION Human Capital and Economic Opportunity Global Working Group, University of Chicago
 - Member, Markets Network, September 2017–
- EDUCATION Ph.D. in Economics, University of Western Ontario, 2017
 M.A. in Economics, Yonsei University, South Korea, 2010
 B.A. in Economics, Yonsei University, South Korea, 2007
- PUBLICATIONS “Democratic Political Economy of Financial Regulation” (with Igor Livshits)
International Economic Review, forthcoming
- “Child Skill Production: Accounting for Parental and Market-Based Time and Goods Investments” (with Elizabeth Caucutt, Joseph Mullins, and Lance Lochner)
Journal of Political Economy, 134 (1):150–209 (2026)
- “Earnings Dynamics and Intergenerational Transmission of Skill” (with Lance Lochner)
Journal of Econometrics, 243 (1–2):105255 (2024)
- “Four Decades of Canadian Earnings Inequality and Dynamics across Workers and Firms” (with Audra Bowlus, Émilien Gouin-Bonenfant, Huju Liu, and Lance Lochner)
Quantitative Economics, 13:1447–1491 (2022)
- “Correlation, Consumption, Confusion, or Constraints: Why do Poor Children Perform so Poorly?”
 (with Elizabeth Caucutt and Lance Lochner)
Scandinavian Journal of Economics 119 (1):102–147 (2017)
- WORKING PAPERS “The Evolution of Unobserved Skill Returns in the U.S.: A New Approach Using Panel Data”
 (with Lance Lochner and Youngki Shin), Revise and Resubmit, *Review of Economic Studies*
 - Supersedes “Wage Dynamics and the Returns to Unobserved Skills.”
- “The Heterogeneous Impacts of Job Displacement: Evidence from Canadian Job Separation Records”
 (with Serdar Birinci and Kurt See) , Revise and Resubmit, *Review of Economics and Statistics*
 - Supersedes “Uncovering the Differences Among Displaced Workers: Evidence from Canadian Job Separation Records”
 and “Uncovering the Differences among Displaced Workers: Does the Reason for Job Separation Matter?”
- “Inequality in Parental Transfers and Optimal Need-Based Financial Aid”
 - Supersedes “Inequality in Parental Transfers, Borrowing Constraints, and Optimal Higher Education Subsidies” and
 “Heterogeneity in Parental Altruism and Optimal Higher Education Subsidies.”
- WORK IN PROGRESS “Returns to Skill and the Evolution of Skills for Older Men” (with Qian Liu, Lance Lochner, and Youngki Shin)
- EXTERNAL SEMINAR PRESENTATIONS “Wage Dynamics and Returns to Unobserved Skill”
 - Yonsei University, April 2017
 - Hitotsubashi University, April 2017
- “Inequality in Parental Transfers, Borrowing Constraints, and Optimal Higher Education Subsidies”

- Korea Development Institute, February 2016
- Korea Institute of Public Finance, February 2016
- University of New Brunswick, February 2016
- Bank of Canada, March 2016
- Queen's University, September 2016
- Federal Reserve Bank of Atlanta, September 2017
- University of Connecticut, September 2018

“Earnings Dynamics and Intergenerational Transmission of Skill”

- Statistics Canada, February 2021 (virtual)

“Uncovering the Differences among Displaced Workers: Does the Reason for Job Separation Matter?”

- Federal Reserve Bank of Philadelphia, January 2023

CONFERENCE
PRESENTATIONS

“Correlation, Consumption, Confusion, or Constraints: Why do Poor Children Perform so Poorly?”

- Canadian Economics Association Annual Conference, Toronto, June 2015

“Wage Dynamics and Returns to Unobserved Skill”

- Canadian Economics Association Annual Conference, Antigonish, June 2017
- Society for Economic Dynamics Annual Meeting, Edinburgh, June 2017
- Ninth BIS CCA Research Conference on Microdata and Economic Research in Central Banks, Central Bank of Brazil, June 2018

“Inequality in Parental Transfers, Borrowing Constraints, and Optimal Higher Education Subsidies”

- Canadian Economics Association Annual Conference, Vancouver, June 2014
- Economics of Education Conference, Pennsylvania State University, March 2016
- Workshop on the Intergenerational Transmission of Economic Status, Universidad Carlos III de Madrid, May 2016
- Canadian Public Economics Group Annual Conference, Montreal, November 2016
- Conference on Human Capital Formation and Its Determinants, Human Capital and Economic Opportunity Global Working Group, University of Chicago, November 2017
- Asian Meeting of the Econometric Society, Seoul, June 2018
- Society for Economic Dynamics Annual Meeting, Mexico City, June 2018

“Earnings Dynamics and Intergenerational Transmission of Skill”

- Canadian Economics Association Annual Conference, Banff, June 2019
- North American Summer Meeting of the Econometric Society, Seattle, June 2019
- Korean Economic Review International Conference, Seoul, August 2019

“Four Decades of Canadian Earnings Inequality and Dynamics across Workers and Firms”

- First conference for the Global Income Dynamics Project, Stanford Institute for Theoretical Economics, August 2019
- Second conference for the Global Income Dynamics Project, University of Minnesota, November 2020 (virtual)
- Canadian Economics Association Annual Conference, Vancouver, June 2021 (virtual)
- Society for Economic Dynamics Annual Meeting, Minneapolis, July 2021 (virtual)

“Uncovering the Differences among Displaced Workers: Does the Reason for Job Separation Matter?”

- Midwest Macroeconomics Meeting, Dallas, November 2022

“Child Skill Production: Accounting for Parental and Market-Based Time and Goods Investments”

- Society for the Advancement of Economic Theory Annual Conference, Paris, July 2023

CONFERENCE
DISCUSSIONS

“Asking Flexible Disaggregated Income - Gross or Net Figures - vs Single Total Question: Evalu-

ation from Panel on Household Finance,” by Junyi Zhu, *Econometrics of Complex Survey Data*, Bank of Canada, October 2017

“Earnings Dynamics in Norway and Its Intergenerational Transmission,” by Halvorsen, Ozkan, and Salgado, *International Conference on Household Finance*, Deutsche Bundesbank, April 2021 (virtual)

“The Dynamics of Firm-level Pay: Theory and Evidence from Portugal,” by Castro and Clementi, *Canadian Macroeconomics Study Group Annual Meeting*, University of Western Ontario, November 2025

CONFERENCE
ORGANIZATION

Bank of Canada session “Evolution of Inequality over Time”, Canadian Economics Association Annual Conference, Banff, June 2019

REFEREEING

American Economic Journal: Macroeconomics, American Economic Review: Insights, Bank of Canada Student Paper Award, Journal of Applied Econometrics, Journal of Political Economy, Journal of Public Economics, Review of Economic Dynamics, Statistics Canada Working Paper Series