TAZIA KHUSHBOO

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EDUCATION

Ph.D. in Economics (in progress), Department of Economics, University of Calgary	2019 – 2026
M.A. in Economics, Vancouver School of Economics, University of British Columbia	2017 – 2018
Master in Development Management and Practice (High Distinction), BRAC Institute of Governance and Development (BIGD), BRAC University	2012 – 2013
Bachelor of Social Science (Economics) (High Distinction), Department of Economics and Social Sciences, BRAC University	2008 – 2011

REFERENCES:

ALEXANDER WHALLEY
Professor of Economics
University of Calgary
alexander.whalley@ucalgary.ca
Supervisor

TREVOR TOMBE
Professor of Economics
University of Calgary
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Committee Member

JEAN-WILLIAM LALIBERTÉ
Associate Professor of Economics
University of Calgary
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Committee Member

ATSUKO TANAKA
Associate Professor of Economics
University of Calgary.
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Placement Director

RESEARCH INTEREST

Labor Economics, International Economics, Applied Microeconomics

RESEARCH

JOB MARKET PAPER

The Worker Level Impact of Resource Sector Shocks (with Jean-William Laliberté)

We study the impact of the 2014-16 oil price crash on workers employed outside the oil and gas (O&G) sector in Canada using matched employer-employee data. We create three exposures through which the shock propagated to workers across industries and provinces: the labor market channel, the supply chain linkage, and the local demand channel. Workers employed at firms that previously lost many workers to O&G experienced a negative shock to their outside option due to displacement of their past co-worker networks. Firms that supply to oil and gas or depend on local demand from O&G workers experienced a drop in their sales due to the sector's collapse. Workers employed at such firms were exposed via decline in their share of quasi-rents. We find that the input-output and labor market channels are more important in explaining workers income losses: a standard deviation increase in exposure through each channel led to a 2% drop in incomes. Income losses through the local demand channel were negligible, about a 0.5% decline. Workers most affected belonged to the lower end of the skill distribution and were employed at the lowest-paying firms before the price shock.

PUBLICATION

The Cost of Standing Up to Protectionism: Price and Welfare Impacts of Canada's 2018 Retaliatory Tariffs
Canadian Public Policy, 51(3). DOI: https://doi.org/10.3138/cpp.2025-006

When the United States imposed tariffs on Canadian steel and aluminum in 2018, Canada responded with retaliatory tariffs on US goods worth $16.6 billion. I analyze how much of these tariffs passed through to import prices. The extent to which import prices increase because of tariffs is the tariff pass-through rate. A lower pass-through indicates that foreign exporters—rather than domestic importers—paid for most of the tariffs, implying better welfare consequences for the tariff-imposing country. Using Canadian import data and retaliation information, I exploit a triple-difference strategy to estimate the pass-through of Canada's retaliatory tariffs. On average, import prices increased to reflect the full tariffs, leading to zero terms-of-trade gains and welfare losses of $464 million. Thus, each dollar of the $1.76 billion tariff revenues raised imposed an average cost of $1.26 on Canadian importers. However, product-level analysis reveals that pass-through was incomplete for a subset of the targeted US products.

WORK-IN-PROGRESS

Building an HS8 Crosswalk between the U.S. and Canada: Machine Learning for Harmonized Code Concordance

I create a crosswalk between U.S. and Canadian HS8 product codes using machine learning methods to improve precision in studies documenting the impacts of trade policies and tariff wars. The Harmonized System (HS) provides a standard system for tracking the flow of goods in international trade at various degrees of granularity ranging from two to six digits. To track goods at a finer level of disaggregation, countries have developed their own system of HS8 and HS10 product codes. However, these country-specific HS codes are not directly comparable. Tariff implementation in the U.S. and Canada is based on the HS8 codes. The lack of comparability between the U.S. and Canadian HS8 codes precludes observing which products leaving the U.S. are subject to tariffs when they enter Canada. The crosswalk I create solves this problem. I leverage similarity based on trade values and product descriptions between the two systems to generate matches using competing machine learning models by leveraging 263 product matches from Khushboo (2025) as "ground truth" data. I find that a semi-supervised Self-Training model based on the Random Forest Classifier performs the best in terms of key evaluation metrics. This is the first work documenting cross-country HS8 product codes. Although the motivation for this project comes from the desire to study the effect of tariff wars in Canada, the methods documented can be used to create an HS8 concordance between any two countries.

TEACHING EXPERIENCE

Lecturer in Economics:

BRAC University

ECO 101: Principles of Microeconomics — Spring/Summer 2019

ECO 201: Mathematics for Business and Economics — Spring/Summer 2019

Sessional Instructor:

University of Calgary

ECON 201: Principles of Microeconomics — Summer 2025

Teaching Assistantships:

University of Calgary

ECON 633: Graduate Labour Economics	Fall 2024
ECON 201: Principles of Microeconomics	Fall 2022, Winter/Fall 2024
ECON 301: Intermediate Microeconomics	Fall 2019, Winter 2020, Fall 2020, Fall 2021
ECON 489: Economics of the Movie Business	Summer 2020
ECON 491: Managerial and Decision Economics	Summer 2020, 2021
ECON 303: Intermediate Economic Theory - Macroeconomics I	Summer 2023
ECON 337: Development Economics	Winter 2023
ECON 311: Computer Applications in Economics	Summer 2024
ECON 405: Political Economy of Public Policy	Winter 2021

University of British Columbia

ECON 351: Women in the Economy	Winter 2018
ECON 370: Cost-Benefit Analysis	Fall 2017

RESEARCH EXPERIENCE

Research Assistant (Supervisors: Dr. Alexander Whalley and Dr. Jean-William Laliberte)	2020 – 2023
Research Assistant, Bangladesh Migration Crisis Operational Framework, (Lead Consultant: David Ndegwa), IOM Bangladesh	2019
Senior Research Associate, Development Research Initiative, Bangladesh	2018 – 2019
Short Term Consultant to The World Bank, Task Team Lead: Luiza A Nora, Social Dev SAR, The World Bank, Report: Diagnosis & Scoping Study on Increased Integration for Bangladeshi Women in Regional Trade	2017
Research Assistant to Dr. Farzana Munshi, Professor of Economics, Department of Economics and Social Sciences, BRAC University.	2016
Research Associate, Development Research Initiative, Bangladesh	2015 – 2017

CONFERENCE PRESENTATIONS

The 57th Annual Conference of the Canadian Economics Association 2023. 2023
Paper presented: The Cost of Standing up to Protectionist Measures: How did Canadas's 2018 Retaliatory Tariffs Affect Import Outcomes?

Key Presenter at 4Point0 Webinar on March 9, 2023: 2023
How do Multinational Digital Firms Affect Local Ecosystems? Evidence from Canada. Discussants: Alexander Whalley (University of Calgary), Huju Liu (Statistics Canada)

Policies, Processes and Practices for Performance of Innovation Ecosystems" (P4IE) International Conference 2022: Measuring Metrics That Matter 2022
Presentation: How Do Multinational Digital Firms Affect Local Ecosystems? Evidence From Canada

ACADEMIC HONORS AND AWARDS

Eyes High International Doctoral Scholarship (Value: 15,000 CAD)	2022
Eyes High International Doctoral Scholarship (Value: 15,000 CAD)	2021
Alberta Graduate Excellence Award (AGES) – International (Value: 15,000 CAD)	2020
Econometrics Prize – Department of Economics, University of Calgary	2020
Graduate Scholarship, Department of Economics, University of Calgary	2019 – 2023
Vice Chancellor's Gold Medalist at The 10th Convocation of BRAC University	2015
Vice Chancellor's & Dean's Honors Lists	2008 – 2010
Merit-based Scholarship, BRAC University	2008 – 2011
Special Recognition Award for High Standard of Discipline & Duties at The Residential Campus (BRAC University, Savar Campus)	2008

LEADERSHIP

Economics Graduate Student Representative, Departmental Unit Review, Department of Economics, University of Calgary	2024
Graduate Students' Association Representative, Curriculum and Academic Review Committee, Faculty of Arts, University of Calgary	2021 – 2023
Awards Committee Member, Graduate Students' Association, University of Calgary	2020 – 2023
Graduate Students' Association Representative, Equity and Diversity Committee, Faculty of Arts, University of Calgary	2020 – 2021
Governance Committee Member, Graduate Students' Association, University of Calgary	2020 – 2021

COMPUTER SKILLS

Proficient	**Intermediate**
Stata	Python, R

LANGUAGE SKILLS English (Fluent) Bangla (Native)

CITIZENSHIP Bangladeshi (Permanent Resident in Canada)