

# Trevor Tombe

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## Academic Appointments

2021 – Professor, Department of Economics, University of Calgary  
2016 – Research Fellow, The School of Public Policy, University of Calgary  
2023 – 2024 Graduate Program Director, Department of Economics, University of Calgary  
2019 – 2022 Graduate Program Director, Department of Economics, University of Calgary  
2017 – 2021 Associate Professor, Department of Economics, University of Calgary  
2012 – 2017 Assistant Professor, Department of Economics, University of Calgary  
2011 – 2012 Assistant Professor, Department of Economics, Wilfrid Laurier University

## Education

2006 – 2011 PhD, Economics, University of Toronto  
2005 – 2006 MA, Economics, University of Toronto  
2003 – 2005 BBA (Honours), Finance and Economics, Simon Fraser University  
2001 – 2003 Douglas College

## Journal Publications

The Alberta Pension Advantage? A Quantitative Analysis of a Separate Provincial Plan,  
*Canadian Public Policy*, forthcoming

From Bonds to Banknotes: Central Banking and Public Finances in Canada, *Canadian Tax Journal*, forthcoming

Interdisciplinary Collaboration, Public Policy Research, and Fiscal Federalism in Canada:  
Bringing Together Economics, Law, and Political Science (with Daniel Béland, André  
Lecours, Vanessa MacDonnell, and Peter Oliver), *Canadian Public Policy*, forthcoming

The Rise (And Fall?) of Inflation in Canada: A Detailed Analysis of Its Post-Pandemic  
Experience (with Yu (Sonja) Chen), *Canadian Public Policy* 49 (2): 197-217, June 2023

Reforming Canada's Federal Health-Care Funding Arrangements (with Daniel Béland),  
*Canadian Public Administration* 66 (1): 28-44, March 2023

Fiscal Sustainability and Diverging Fortunes in Atlantic Canada, *Atlantic Canada Economic Review* 3 (1): 1-18, July 2022

Fiscal Integration with Internal Trade: Quantifying the Effects of Equalizing Transfers (with  
Jennifer Winter), *Canadian Journal of Economics* 54 (2): 522-556, May 2021

- Provincial Debt Sustainability in Canada: Demographics, Federal Transfers, and COVID-19, *Canadian Tax Journal* 68 (4): 1083-1122, January 2021
- The DNA of New Exporters: Spin-Offs and FDI at the Extensive Margin of Trade (with Bernardo Blum, Sebastian Claro, and Ignatius Horstmann), *American Economic Review: Insights* 2 (3): 1-13, September 2020.
- The Effect of Migration Policy on Growth, Structural Change, and Regional Inequality in China (with Tongtong Hao, Ruiqi Sun, and Xiaodong Zhu), *Journal of Monetary Economics* 113: 112-134, August 2020.
- A Critical Juncture in Fiscal Federalism? Canada's Response to COVID-19 (with Daniel Beland, Andre Lecours, and Mireille Paquet), *Canadian Journal of Political Science* 53 (2): 239-243, June 2020.
- Policy Forum: Expenditures, Efficiency, and Distribution-Advice for Canada's 43rd Parliament (with Rob Gillezeau) *Canadian Tax Journal* 68 (1): 49-67, April 2020.
- Analysis of Carbon Tax Treatment in Canada's Equalization Program (with Tracy Snoddon)  
*Canadian Public Policy* 45 (3): 377-392, August 2019
- Awarded the Vanderkamp Prize for Best Paper in the CPP for 2019
- Trade, Migration, and Productivity: A Quantitative Analysis of China (with Xiaodong Zhu), *American Economic Review* 109 (5): 1843-1872, May 2019
- Final and Unalterable — But Up for Negotiation: Federal-Provincial Transfers in Canada, *Canadian Tax Journal* 66 (4): 1-53, January 2019
- Internal Trade, Productivity, and Interconnected Industries: A Quantitative Analysis (with Lukas Albrecht), *Canadian Journal of Economics* 49 (1): 237-263, February 2016
- Awarded the Harry Johnson Prize for Best Paper in the CJE for 2016
- Environmental Policy and Misallocation: The Productivity Effect of Intensity Standards (with Jennifer Winter), *Journal of Environmental Economics and Management* 72: 137-163, July 2015
- The Missing Food Problem: Trade, Agriculture, and International Income Differences; *American Economic Journal: Macroeconomics* 7 (3): 226-258, July 2015
- Quality Disclosure Programs with and Internal Organizational Practices: Evidence from Airline Flight Delay (with Silke Forbes and Mara Lederman); *American Economic Journal: Microeconomics* 7 (2): 1-26, May 2015
- Factor Market Distortions Across Time, Space, and Sectors in China (with Loren Brandt and Xiaodong Zhu) *Review of Economic Dynamics* 16 (1): 39-58, January 2013
- Management Matters (with Michelle Alexopoulos) *Journal of Monetary Economics* 59 (3): 269-285, April 2012

The Impact of Sub-Metering on Condominium Electricity Demand (with Don Dewees) *Canadian Public Policy* 37 (4): 435-457, December 2011

### **Peer-Reviewed Policy Papers**

Reversal of Fortunes: Rising Interest Rates and Losses at the Bank of Canada (with Yu (Sonja) Chen), *C.D. Howe E-Brief* 337, January 2023

Liberalizing Internal Trade Through Mutual Recognition: A Legal and Economic Analysis (with Ryan Manucha), *Macdonald-Laurier Institute*, September 2022

Three Policy Pathways for Federal Health Care Funding in Canada (with Daniel Béland), *School of Public Policy Research Paper* 14 (36), December 2021

Fiscal Planning and Sustainability in Alberta, *Alberta's Economic and Fiscal Future*, Chapter 17 (K. McKenzie and R. Mansell, eds), November 2021

Implications of an Infrastructure Corridor for Alberta's Economy (with G. Kent Fellows and Alaz Munzur), *School of Public Policy Research Paper* 14 (7), February 2021

Financing the Future: Options for Long-Run Debt and Spending Sustainability in British Columbia, *Research Paper for the BC Basic Income Panel*, Commissioned by the Government of British Columbia, December 2020

Alberta's Opportunity: The Ins, Outs and Benefits of Greater Job Mobility (with Daniel Schwanen), *C.D. Howe Institute Commentary* 580, September 2020

The Regional Distribution of Federal Fiscal Balances: Who Pays, Who Gets and Why It Matters (with Mukesh Khanal and Robert Mansell), *School of Public Policy Research Paper* 13 (14), June 2020

Alberta's Long-Term Fiscal Future, *School of Public Policy Research Paper* 11 (31), November 2018

Opening Canada's North: A Study of Trade Costs in the Territories (with G. Kent Fellows), *School of Public Policy Research Paper* 11 (17), June 2018

Gains from Trade for Canada's North: The Case for a Northern Infrastructure Corridor (with G. Kent Fellows), *School of Public Policy Communique* 10 (2), March 2018

The Ground Rules for Effective OBAs: Principles for Addressing Carbon-Pricing Competitiveness Concerns Through the Use of Output-Based Allocations (with Sarah Dobson, G. Kent Fellows, Jennifer Winter), *School of Public Policy Research Paper* 10 (17), June 2017

If It Matters, Measure It: Unpacking Diversification in Canada (with Robert Mansell), *School of Public Policy Research Paper* 9 (36), November 2016

Power Play: The Termination of Alberta's PPAs (with Andrew Leach), *School of Public Policy Communique* 8 (11), August 2016

Better off Dead: “Value Added” in Economic Policy Debates, *School of Public Policy Research Paper 8* (9), March 2015

The Taming of the Skew: Facts on Canada’s Energy Trade, *School of Public Policy Research Paper 7* (9), March 2014

The Importance of Policy Neutrality for Lowering Greenhouse Gas Emissions (with Jennifer Winter), *School of Public Policy Research Paper 6* (14), March 2013

Appreciate the Appreciation: Imported Inputs and Concern over Dutch Disease (with Wardah Naim), *School of Public Policy Research Paper 6* (13), January 2013

### **Book Chapters, Edited Volumes, and Other Publications**

*Fiscal Federalism in Canada: Analysis, Evaluation, Prescription*, eds. André Lecours, Daniel Béland, Trevor Tombe, Eric Champagne. Toronto, Ontario: University of Toronto Press, *forthcoming*

Fiscal Federalism in the North: Understanding Territorial Formula Financing (with Chris Yurris and Daniel Béland), book chapter in *Fiscal Federalism in Canada: Analysis, Evaluation, Prescription*, eds. André Lecours, Daniel Béland, Trevor Tombe, Eric Champagne. Toronto, Ontario: University of Toronto Press, *forthcoming*

The Challenges and Opportunities Facing Canada’s Fiscal Arrangements After COVID-19, book chapter in *Fiscal Federalism in Canada: Analysis, Evaluation, Prescription*, eds. André Lecours, Daniel Béland, Trevor Tombe, Eric Champagne. Toronto, Ontario: University of Toronto Press, *forthcoming*

The Road Ahead: Rethinking Fiscal Federalism for the 21st Century (with Daniel Béland, Charles Breton, Colleen Collins, Bev Dahlby, Herb Emery, Marcelin Joanis, Margaret Melhorn, Haizhen Mou, Steve Orsini, Nathalie Des Rosiers, Enid Slack, Michael Smart, and Tracy Snoddon) *Fiscal Federalism Policy Network Publication*, June 2023

Tax Point Transfers in Canada: An Historical Review and Key Considerations for the Future (with Bev Dahlby) *Fiscal Federalism Policy Network Publication*, June 2023

El efecto de los shocks energéticos en las economías nacionales (The Effect of Energy Shocks on National Economies), *Energía y Geoestrategia 2023*, Madrid, Spain: Instituto Español de Estudios Estratégicos, March 2023.

Paid in Full, Again? Using Alberta’s Windfall Revenues to Eliminate Provincial Debt, in Tegan Hill Eds. *Don’t Spend Away the Windfall: Better Options for Alberta’s Unexpected Revenues*, Fraser Institute, 2023.

The Long Slide Towards Fiscal Reckoning: Managing Alberta’s Finances in an Age of Decline, *forthcoming* chapter in D. Bratt, R. Sutherland, and D. Taras. Eds. *Blue Storm: The Rise and Fall of Jason Kenney*. University of Calgary Press, 2022.

The Federal Equalization Program as a Controversial and Contested Policy Success (with Daniel

Béland and André Lecours), Chapter 12 in E. Lindquist, M. Howlett, G. Skogstad, G. Tellier, P. 't Hart. eds. *Policy Success in Canada: Cases, Lessons, Challenges*. Oxford University Press, 2022.

Book Review: The Art of Sharing by Mary Janigan, *Essays in Economic and Business History* 39 (1): 246-247, January 2022

Book Review: Who Pays for Canada? Edited by E.A. Heaman and David Tough, *Canadian Historical Review* 102 (4): 674-675, December 2021

A New Lens: Envisioning an Active Economy (with David Finch, David Legg, Norm O'Reilly, and Jason Riberio) in *Understanding the Active Economy and Emerging Research on the Value of Sports, Recreation, and Wellness*. Edited by David Finch and David Legg. Chapter 1. June 2021.

Mapping the Active Economy to Community Value (with David Finch, David Legg, Norm O'Reilly, and Jason Riberio) in *Understanding the Active Economy and Emerging Research on the Value of Sports, Recreation, and Wellness*. Edited by David Finch and David Legg. Chapter 2. June 2021.

Attitudes, behaviours and barriers to public health measures for COVID-19: a survey to inform public health messaging (with Raynell Lang, Jamie L. Benham, Omid Atabati, Aidan Hollis, Blake Shaffer, Katharina Kovacs Burns, Gail MacKean, Tova Léveillé, Brandi McCormack, Hasan Sheikh, Madison M. Fullerton, Theresa Tang, Jean-Christophe Boucher, Cora Constantinescu, Mehdi Murali, Braden J. Manns, Deborah A. Marshall, Jia Hu & Robert J. Oxoby), *BMC Public Health* 21 (765), 2021

The COVID-19 Crisis and Canadian Federalism (with André Lecours, Daniel Béland, Nikola Brassard-Dion, Jennifer Wallner), *Forum of Federations* 48: 1–18

Towards a More Productive and United Canada: The Case for Liberalizing Interprovincial Trade, in *Achieving the Four-Day Work Week*, Fraser Institute. Edited by Steven Globerman. Chapter 2. November 2020.

The need to review Canada's Fiscal Stabilization Program for provinces after COVID-19, *Canada West Foundation — What Now?* August 2020

An (Overdue) Review of Canada's Fiscal Stabilization Program, *IRPP Insight* 31. Montreal: Institute for Research on Public Policy, February 2020

Internal Trade in Canada: The Case for Liberalization (with Jorge Alvarez and Ivo Krznar), *IMF Working Paper* 19/158, July 2019

- Part of the IMF 2019 Article IV Country Report for Canada (No. 19/175)

Climate Policy Transition Briefing: An evidence-based climate policy for Ontario, *Ontario 360 Policy Paper*, University of Toronto School of Public Policy and Governance, April 2018

## Textbooks

*Macroeconomics, 10ce* (adapted from Abel/Bernanke/Croushore/Kneebone 9ce)  
*Public Finance in Canada, 6ce* (with Lindsay Tedds; adapted from Rosen/Wen/Snoddon 5ce)

### **Software and Datasets**

Finances of the Nation, *Alberta Pension Plan Simulator*  
Finances of the Nation, *Equalization Payments Simulator*  
Finances of the Nation, *Debt Sustainability Simulator*  
Finances of the Nation, *Macroeconomic Database*

### **Work in Progress**

The Aggregate Productivity Effect of Labour and Capital Market Distortions in Canada (with Yu (Sonja) Chen), *Canadian Journal of Economics*, revised/submitted

Declining Inflation in Canada: Promising Trend or False Dawn? (with Yu (Sonja) Chen), *C.D. Howe Institute*, revisions requested

Fiscal Federalism and Territorial Inequalities in Multinational Federations: Spain and Canada in Comparative Perspective (with Daniel Béland and André Lecours)

### **General Interest Publications**

Various semi-regular columns in *CBC Calgary*, *The Hub*, *Macleans*, *Globe and Mail*, *Calgary Herald*, and *Financial Post*  
Getting Off the Roller Coaster (For Good), *Alberta Views Magazine*, November 2023  
Unique challenges of Canada's North require unique fiscal arrangements (with Christopher Yurris and Daniel Béland) *Policy Options*, September 2022  
Misplaced Anger, *Alberta Views Magazine*, August 2019  
Unpacking Canada's Equalization Payments for 2018-19, *SPP Blog*, January 2018  
Trade in the Trump Era, *Alberta Views Magazine*, October 2018  
Dialogue: Should Government Go into Debt? *Alberta Views Magazine*, March 2018  
The Dangers of "Value-Added" Mythology *C2C Journal*, January 2016  
Shouldn't All Policy Be Science Based (with Jennifer Winter) *Policy Options* 34 (5): 52-53

### **Other Professional and Community Activities**

Contributing Writer, *The Hub* (2023 – ongoing)  
Co-Director, Finances of the Nation (2020 – ongoing)  
Associate Editor, *Economic Inquiry* (2023 – ongoing)  
Board Member, Alberta Gambling Research Institute (2023 – ongoing)  
Chair, Fiscal Federalism Policy Network (2022 – ongoing)  
Board Member, The University of Calgary Faculty Association (2019 – ongoing)  
Officer-at-Large, TUCFA Executive Committee, (2023 – ongoing)  
Academic Advisor, 2023 Alberta Vote Compass (2023)  
Member, CPEG Scientific Committee (2023)  
External Reviewer, Mount Royal University Policy Studies 2023 Program Review (2023)  
Visiting Researcher, International Economic Analysis, Bank of Canada (2022 – 2023)  
Member, SSHRC 2021/22 Insight Grant Economics Selection Committee (2021 – 2022)  
Member, TUCFA Collective Agreement Bargaining Team (2020 – 2024 Agreement)

Interim Chair, Intergovernmental Fiscal Relations Commission (2020 – 2022)  
 Occasional ad-hoc research work, advice, or presentations to various governments, including the  
 Government of Canada, Government of Alberta, Yukon Government, Government of  
 Ontario, Government of Manitoba, Government of British Columbia.  
 Member, University of Calgary Chancellor Search Committee (2021 – 2022)  
 Editorial Advisor, Canadian Journal of Economics (2018 – 2022)  
 Judge, UCalgary Undergraduate Research Symposium (2018 – 2022)  
 Evaluator, Bank of Canada Undergraduate Paper in Economics (2019 – 2020)  
 Member, C.D. Howe COVID-19 Crisis Business Continuity and Trade Working Group (2020)  
 Board Member, ActiveCITY Calgary (2019 – 2020)  
 Co-Organizer of the Rocky Mountain Empirical Trade Conference (2012 – 2019)  
 Member of the Alberta Government Market Access Task Force (2018)  
 Member of the Yukon Government Financial Advisory Panel (2017)  
 Member of the Calgary Chamber of Commerce Municipal Election Advisory Team (2017)

## Awards and Recognition

2023: Queen Elizabeth II's Platinum Jubilee Medal  
 2021: U Make a Difference Award, *University of Calgary*  
 2020: Faculty of Arts Engagement Award, *University of Calgary*  
 2020: Department of Economics Teaching Excellence Award, *University of Calgary*  
 2019: Vanderkamp Prize (with Tracy Snoddon), *Canadian Public Policy*  
 2017: Volunteer of the Year, *Calgary Chamber of Commerce*  
 2016: Harry Johnson Prize (with Lucas Albrecht), *Canadian Journal of Economics*  
 2015: GREATsupervisor, *University of Calgary*

## Research Grants

SSHRC Insight Grant (\$97,379, Principal Investigator for *Economic Volatility and Regional Integration in Canada*): 2023-2028  
 SSHRC Partnership Engage Grant (\$24,950); 2020-2021 (Co-Investigator), for *Finances of the Nation* (PI: Michael Smart; CI: Ken McKenzie)  
 SSHRC Partnership Development Grant (\$195,547); 2020-2022 (Co-Investigator), for *Finances of the Nation* (PI: Michael Smart; CI: Ken McKenzie)  
 SSHRC Insight Grant (\$67,000, Principal Investigator for *Misallocation in Canada: Causes and Consequences*): 2019-2022 (Co-Applicant: Yu (Sonja) Chen)  
 SSHRC Insight Development Grant (\$46,790, Co-Applicant for *Frictional financing, capital misallocation, and the development of small firms*): 2019-2021 (PI: Yu (Sonja) Chen)  
 SSHRC Partnership Development Grant (\$200,000, Co-applicant *Canadian Northern Corridor program*): 2018-2021 (PI: Jennifer Winter)  
 SSHRC Insight Grant (\$90,922, Principal Investigator for *The Gains from Trade and Labour Mobility*): 2015-2019  
 SSHRC Insight Development Grant (\$40,810, Principal Investigator for *Internal Trade and Aggregate Productivity*): 2012-2015  
 University of Calgary Start-Up Research Grant: 2012-2016  
 Wilfrid Laurier University International Travel Grant: 2012  
 Wilfrid Laurier University Start-Up Research Grant: 2011-2013

## Invited Conference Presentations, Seminars, or Panels

- 2023 Syracuse University (scheduled); McMaster University (scheduled); University of Alberta; Montrose Environmental; IRPP Calgary Meeting; CEA Annual Meeting (Winnipeg); Energía y Geoestrategia, Spain; Economics Society of Northern Alberta; Alberta Chamber of Commerce; Bluesky Equities Board; Mancal Group Board; Canadian Agricultural Economics Society; Blue Storm Book Launch; Environment Canada and Climate Change
- 2022 CEA Annual Meeting (Carleton); Government of Canada Trade Experts Roundtable; Canadian Chamber of Commerce Board Meeting Presentation; Macdonald-Laurier Institute (Webinar); Senate of Canada Testimony; Society of Petroleum Engineers Luncheon; Kelowna Roundtable; Prairie Political Science Association Meeting; Bank of Canada; Canada School of Public Service; Ottawa Economics Association; Business Council of Alberta AGM
- 2021 York University; University of California San Diego; University of Victoria; University of Alberta (Centre for Constitutional Studies); Atlantic Canada Economics Association; Government of British Columbia, Ministry of Finance; Rotary Club of Calgary; Calgary Chapter of CPAs; CPA Annual Forum; Fiscal Federalism in Canada Conference (UOttawa); Testimony before the House of Commons Standing Committee on Industry, Science, and Technology; Canada West Foundation; O'Brien Institute and Haskayne School of Business Webinar; Probus Club of Edmonton
- 2020 University of Alberta; Queen's Institute on Trade Policy; University of Ottawa; UBC-Okanagan; Economics Society of Northern Alberta; CEEA Beyond Boomers; McGill Institute for the Study of Canada; Finances of the Nation
- 2019 Canadian Tax Foundation Conference; Carnegie-Rochester-NYU Conference (invited); Carleton University Seminar; Parliamentary Budget Office; Calgary Chamber of Commerce Leaders' Luncheon; Alberta Chamber of Commerce Federal Election Panel; Probus Club of Calgary; Canada West Foundation Economic Roundtable; Thompsons Rivers University Seminar; Bank of Canada Seminar; Federal Transfers Sub-Committee; Canadian Economics Association Annual Meeting; Southern Alberta Council on Public Affairs
- 2018 Marshall School of Business (USC); CEA Annual Meeting; Western Economic Association, Lipsey Memorial Panel; C.D. Howe Institute Luncheon; Fraser Institute Public Policy Series; Haskayne Hour; University of Calgary Alumni in Houston Event; Equalization in Canada Current Affairs Lunch
- 2017 Memorial University; Economics Society of Northern Alberta; CEA Annual Meeting; Alberta-US Trade Summit (SPP, CEA, and the US Consulate); Conference Board of Canada panel on Alberta economy; Calgary Economic Society luncheon on NAFTA; Fraser Institute Public Policy Series
- 2016 Bank of Canada; Penn State University; Canadian Political Science Association Annual Meeting at Congress 2016; Economics Society of Northern Alberta panel on Alberta's economy; Pacific NorthWest Economic Region Annual Meeting panel on TPP; School of Public Policy panel on the PPAs; Economics Society of Northern Alberta on diversification; EcoFiscal Commission of Canada panel on carbon pricing; Senate of Canada testimony on internal trade costs; City of Edmonton panel on industrial policy; Senate of Canada testimony on EI extension policy



- 2015 Brown University; Texas A&M University; SED Annual Meeting, Warsaw; SITE Development Workshop, Stanford; CEA Annual Meeting, Toronto; ASSA Annual Meeting, Boston
- 2014 Vancouver School of Economics; China Economics Summer Institute, Beijing; SED Annual Meeting, Toronto; North American Summer Meeting of the Econometric Society, Minneapolis; CEA Annual Meeting, Vancouver; Rocky Mountain Empirical Trade Conference, Banff; Université Laval
- 2013 Rocky Mountain Empirical Trade Conference, Banff; CEA Annual Meeting, Montreal; Arizona State University, CASEE Quantitative Macro Conference
- 2012 Canadian Resource and Environmental Economics Conference, Vancouver; SED Annual Meeting, Cyprus; CEA Annual Meeting, Calgary; Midwest Macro Meetings, University of Notre Dame; University of Calgary
- 2011 CEA Annual Meeting, Ottawa; York University; Tsinghua Macroeconomics Workshop, Beijing; CEA Annual Meeting, Quebec City
- 2010 Midwest Macro Meeting, Lansing
- 2009 Econometric Society North American Summer Meeting, Boston; CEA Annual Meeting, Toronto

**Conferences Attended:** *Alberta Gambling Research Institute Conference (Banff, 2023); Banff Microeconomics Workshop (Ottawa 2018; Banff, 2015-2016, 2019); Rocky Mountain Empirical Trade (Banff, 2012-2016; Ottawa, 2018); NBER Chinese Economy Meeting (Boston, 2014); New Faces in International Trade (Penn State, 2013, 2014, 2015, 2017, 2018); Growth and Development Conference (Toronto, 2012); NBER Summer Workshop, Economic Growth (Boston 2011); Society for Economic Dynamics (Ghent 2011, Montreal 2010); China Summer Institute (Beijing 2010); Canadian Macroeconomic Study Group (Vancouver 2011, London 2010, Toronto 2008); Research on Money and Markets (Toronto, 2006-2011)*

**Refereeing:** *Quarterly Journal of Economics; Review of Economic Studies; Journal of Political Economy; Econometrica; Economic Journal; Journal of International Economics; Journal of Development Economics; Journal of Economic Behaviour and Organization; Journal of Economic Growth; American Economic Journal: Macroeconomics; Review of Economic Dynamics; International Economic Review; Journal of Economic Dynamics and Control; Journal of Environmental Economics and Management; Economic Letters; Environmental and Resource Economics Canadian Journal of Economics; Canadian Public Policy; Canadian Tax Journal; B.E. Journal of Macroeconomics; Macroeconomic Dynamics; China Economic Review; Energy Economics; Journal of Agricultural and Applied Economics; Applied Economics Letters; The World Economy; Economic Inquiry; Journal of Agricultural and Applied Economics; Journal of African Economics; The EcoFiscal Commission; The Fraser Institute; The Frontier Centre; The National Science Foundation*

**University Service:** *Hiring Committee (Schulich School of Engineering, 2023); Research Integrity Investigation Committee (2023); Chancellor Search Committee (2021-22); Political Activities Policy Advisory Group (2022); Return-to-Campus ELT Task Force (2021); TUCFA Collective Agreement Bargaining Team (2021-22); Research Integrity Investigation Committee (2021); Faculty of Veterinary Medicine Dean Search*

*Committee (2020-2021); Faculty of Arts Graduate Certificate Task Force (2021); Faculty Tenure and Promotions Committee (Law, 2020 and 2021); Economics Graduate Program Director (2019 – 2022); Executive Committee, General Faculties Council (2017 – 2020); General Faculties Council (2017 – 2022); Policy and Planning (2017 – 2020); Shortlisting (Hiring) Committee; Alumni, Communications and Media Liaison (2014 – present); Research Activities Committee (2012 – 2017); Advisory Committee to the Head (2015 – 2017; 2019 – 2022); Chair, Graduate Committee (2019 – 2021); Job Placement Officer (2015 – 2016); Undergraduate Macroeconomics Coordinator (2013 – 2014); Principles of Economics Coordinator (2020 – 2021)*

## **Teaching**

### University of Calgary

- 2019-2024: MGST 611 – Managerial Economics (EMBA)
- 2018-2024: PPOL 615 – Public Finance (MPP)
- 2020, 2024: ECON 759 – Advanced Macroeconomic Theory (PhD)
- 2019-2022: FIF 651 – Equalization and Fiscal Transfers (ContEd)
- 2018, 2020-2021: ECON 201 – Principles of Microeconomics
- 2013-2021: ECON 621 – International Trade (MA/PhD)
- 2017-2019: ECON 321 – The Global Trading System
- 2019: ECON 359 – Intermediate Economic Theory – Macroeconomics II
- 2013-2018: ECON 659 – Macroeconomic Theory (MA/PhD)
- 2015-2017: ECON 611 – Independent Study (MA Summer Research Projects)
- 2015-2016: ECON 693 – Research Methods II (MA)
- 2016: ECON 615 – Econometrics I (MA)
- 2013, 2019: ECON 359 – Macroeconomics II

### Wilfrid Laurier University

- 2012: EC290 – Intermediate Macroeconomics

### University of Toronto

- 2009-2010: ECMC14 – Advanced Macroeconomic Theory (UTSC)
- 2009: ECO362 – Economic Growth: Theory and Evidence (UTM)

## **PhD Student Supervision (Employment Listed in Parentheses):**

- |             |   |
|-------------|---|
| 2021 –      | Karam Jarad   |
| 2021 –      | Anil Gogebakan  |
| 2019 – 2023 | Felix Fosu (Postdoc, Queen’s University)                                |
| 2019 – 2022 | Longzhou Wang (Assistant Lecturer, University of Alberta)               |
| 2019 – 2021 | Mojtaba Eslami (Private Sector)   |
| 2016 – 2020 | Chi-Man Yip (Assistant Professor, The Hong Kong Polytechnic University) |
| 2015 – 2019 | Alaz Munzur (Assistant Professor, University of Saskatchewan)           |
| 2014 – 2018 | Jesse Tweedle (Research Economist, Statistics Canada)                   |
| 2016 – 2018 | Blake Shaffer (Assistant Professor, University of Calgary)              |
| 2015 – 2018 | Hossein Hosseini (Senior Analyst, Bank of Canada)                       |
| 2014 – 2016 | Jahangir Alam (Assistant Professor, Western Michigan University)        |

## **Masters Student Supervision:**

2023	Wyatt Claypool (MPP)
2022	Sora Jalil Pour Kivi (MPP)
2021	Lin Al-Akkad (MPP)
2020	Nicholas Godwin (MPP)
2020	Haiqa Cheema (MPP)
2019	Tegan Hill (MPP)
2019	Isabelle Puppa (MPP)
2019	J.C. Vito (MPP)
2019	Jairo Yunis (MPP)
2018	Keyli Kosiorek (MPP)
2015-2017	Roughly half of all MA (Econ) students each year
2012	Evan Feigen (MABE, Wilfrid Laurier)
2012	Wardah Naim (MABE, Wilfrid Laurier)

**External Examiner, Thesis Defenses:**

2021	Jeffrey Hicks (PhD, UBC)
2018	Anton Laptiev (PhD, UBC)

**Personal**

Citizenship: Canadian

Year of Birth: 1983

Research Interests: International trade, macroeconomics, fiscal federalism