

# Trevor Tombe

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## Academic Appointments

2017 – Associate Professor, Department of Economics, University of Calgary  
2016 – Research Fellow, School of Public Policy, 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

## Published Research Papers

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*, forthcoming.

Fiscal Integration with Internal Trade: Quantifying the Effects of Equalizing Transfers (with Jennifer Winter), *Canadian Journal of Economics*, forthcoming

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

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*, 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**

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*, forthcoming

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

### **Other Publications**

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)

Misplaced Anger, *Alberta Views Magazine*, August 2019

Trade in the Trump Era, *Alberta Views Magazine*, October 2018

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

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

Various columns in *Maclean's*, *CBC Calgary*, *Globe and Mail*, and *Financial Post*

### **Professional and Community Service**

Graduate Program Director, University of Calgary Department of Economics (2019 – 2021)

Board Member, The University of Calgary Faculty Association (2019 – 2023)

Evaluator, Bank of Canada Undergraduate Paper in Economics (2019 – 2020)

Judge, UCalgary Undergraduate Research Symposium (2019 – 2020)

Editorial Advisor, *Canadian Journal of Economics* (2018 – 2021)

Member, C.D. Howe COVID-19 Crisis Business Continuity and Trade

Working Group (2020)  
 Board Member, ActiveCITY Calgary (2019 – ongoing)  
 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)  
 Co-Organizer of the Rocky Mountain Empirical Trade Conference (ongoing)  
 Co-Organizer of the CEA Macroeconomic Study Group

## **Awards and Recognition**

2020 Faculty of Arts Engagement 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*

## **Webinars (Post-COVID)**

McGill Institute for the Study of Canada; University of Calgary School of Public Policy;  
 Edmonton Chamber of Commerce

## **Invited Conference Presentations, Seminars, or Panels**

2020 University of Ottawa; UBC-Okanagan; Economics Society of Northern Alberta; CEEA  
 Beyond Boomers

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;

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:** *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; 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; B.E. Journal of Macroeconomics; Macroeconomic Dynamics; China Economic Review; Energy Economics; Journal of Agricultural and Applied Economics; 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*

**Departmental and University Service:** *Economics Graduate Program Director (July 2019 – present); Executive Committee, General Faculties Council (2017 – present); General Faculties Council (2017 – present); Policy and Planning (2017 – present); Shortlisting (Hiring) Committee (2012 – present);*

*Chair, 2017 – present); Alumni, Communications and Media Liaison (2015 – present); Alumni and Communications (2014 – Present); Research Activities Committee (2012 – 2017); Advisory Committee to the Head (2015 – 2017); Placement Officer (2015 – 2016); Undergraduate Macroeconomics Coordinator (2013 – 2014)*

## Research Grants

SSHRC Insight Grant (\$67,000, Principal Investigator for *Misallocation in Canada: Causes and Consequences*): 2019-2022 (Co-Applicant: 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

## Teaching

### University of Calgary

- 2020: ECON 759 – Advanced Macroeconomic Theory (PhD)
- 2019-2020: MGST 611 – Managerial Economics (EMBA)
- 2019-2020: FIF 651 – Equalization and Fiscal Transfers (ContEd)
- 2018, 2020: ECON201 – Principles of Microeconomics
- 2018-2020: PPOL615 – Public Finance (MPP)
- 2017-2019: ECON321 – The Global Trading System
- 2013-2020: ECON621 – International Trade (MA/PhD)
- 2019: ECON359 – Intermediate Economic Theory – Macroeconomics II
- 2013-2018: ECON659 – Macroeconomic Theory (MA/PhD)
- 2015-2017: ECON611 – Independent Study (MA Summer Research Projects)
- 2015-2016: ECON693 – Research Methods II (MA)
- 2016: ECON615 – Econometrics I (MA)
- 2013, 2019: ECON359 – Macroeconomics II

### Wilfrid Laurier University

- 2012: EC290 – Intermediate Macroeconomics

### University of Toronto

- 2009-2010: ECOM14 – Advanced Macroeconomic Theory (UTSC)
- 2009: ECO362 – Economic Growth: Theory and Evidence (UTM)

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

2019 – Longzhou Wang  
 2016 – Chi-Man Yip  
 2015 – 2019 Alaz Munzur (Research Associate, School of Public Policy)  
 2014 – 2018 Jesse Tweedle (Research Economist, Statistics Canada)

2016 – 2018	Blake Shaffer (Assistant Professor, University of Calgary)
2015 – 2018	Hossein Hosseini (Research Analyst, Smart Prosperity Institute)
2014 – 2016	Jahangir Alam (Assistant Professor, Truman University)

### **Masters Student Supervision:**

2020 (exp)	Nicholas Godwin (MPP)
2020 (exp)	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, Household debt and business cycles
2012	Wardah Naim, Fixed-asset investment and exchange-rate fluctuations

### **Personal**

Citizenship: Canadian

Year of Birth: 1983

Research Interests: International trade, macroeconomics, public finance, productivity