

G. Kent Fellows

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Citizenship: Canadian

Education

University of Calgary

PhD - Economics, (supervisor: Dr. Aidan Hollis) 2010–2015

Dissertation: Select Issues in Applied Regulatory Theory

MA - Economics 2008–2010

Thesis: Negotiated Settlements and Intergenerational Equity in the Pipeline Services Market

BA (Honors)- Economics 2005–2008

Interests and Specializations

Academic Areas: Applied Microeconomics, Regulatory Economics and Industrial Organization, Energy Markets, Telecommunications Markets, Transportation and Regional Economics, Computational General Equilibrium, Computational Optimization

Policy Interests: Competition Policy, Emissions Pricing and Regulation, Transportation and Trade Corridors, Internal and International Trade, Innovation and Industrial Policy, Energy Transitions

Current Employment

School of Public Policy (University of Calgary)

Associate Program Director 2018+

Canadian Northern Corridor

Contract Instructor 2017+

Master of Public Policy Program

Research Associate 2015+

Energy and Environmental Policy

Peer Reviewed Journal Articles [Links to all papers available on my website](#)

G Kent Fellows. Pipes, Trains and Automobiles: Explaining British Columbia's High Wholesale Gasoline Prices. *The Energy Journal*, 43:139–160, 2022 (Article In Press).

G Kent Fellows, Michelle Patterson, Amy MacFarlane, Lukas Marriott, Andrew Carrothers, and Jurgen Krause. Economic loss analysis to Prince Edward Island resulting from a prolonged closure of the Confederation Bridge. *Revue canadienne des sciences régionales*, 41:29–41, 2018.

G Kent Fellows and Sarah Dobson. Embodied Emissions in Inputs and Outputs: A Value-Added Approach to National Emissions Accounting. *Canadian Public Policy*, 43(2):140–164, 2017.

- G Kent Fellows. The capital structure of a firm under rate of return regulation: durability and the yield curve. *Journal of Regulatory Economics*, 47(3):273–299, 2015.
- G Kent Fellows and Aidan Hollis. Funding innovation for treatment for rare diseases: adopting a cost-based yardstick approach. *Orphanet journal of rare diseases*, 8(1):1–9, 2013.
- G Kent Fellows. Negotiated settlements with a cost of service backstop: The consequences for depreciation. *Energy policy*, 39(3):1505–1513, 2011.

Peer Reviewed Policy Papers [Links to all papers available on my website](#)

- Fellows G. Kent, Jennifer Winter, and Victoria Goodday. A Review of Barriers to Fullscale Deployment of Emissions-Reduction Technologies. *The School of Public Policy Publications*, 14(14), 2021a.
- Fellows G. Kent, Trevor Tombe, and Alaz Munzur. Implications of an Infrastructure Corridor for Alberta's Economy. *The School of Public Policy Publications*, 14(7), 2021b.
- G Kent Fellows, Katharina Koch, Alaz Munzur, Robert Mansell, and Pierre-Gerlier Forest. The Canadian Northern Corridor: Planning for National Prosperity. *The School of Public Policy Publications*, 13(28), 2020.
- Jennifer Winter, Victoria Goodday, and G Kent Fellows. Enabling Partial Upgrading in Alberta: A Review of the Regulatory Framework and Opportunities for Improvement. *The School of Public Policy Publications*, 12(42), 2019.
- G Kent Fellows and Mukesh Khanal. The Economics of Telecommunications in Canada: A Backgrounder. *The School of Public Policy Publications Research Paper*, 11(32), 2018.
- Jennifer Winter, Sarah Dobson, G Kent Fellows, Dexter Lam, and Paul Craig. An Overview of Global Liquefied Natural Gas Markets and Implications for Canada. *The School of Public Policy Publications*, 11(21), 2018a.
- Jennifer Winter, Sarah Dobson, G Kent Fellows, Dexter Lam, and Paul Craig. The Potential for Canadian LNG Exports to Europe. *The School of Public Policy Publications*, 11(20), 2018b.
- G Kent Fellows and Trevor Tombe. Opening Canada's North: A Study of Trade Costs in the Territories. *The School of Public Policy Publications Research Paper*, 11(17), 2018.
- Sarah Dobson and G Kent Fellows. Big and little feet: a comparison of provincial level consumption- and production-based emissions footprints. *The School of Public Policy Publications*, 10(23), 2017.
- Sarah Dobson, G Kent Fellows, Trevor Tombe, and Jennifer Winter. The Ground Rules for Effective OBAs: Principles for Addressing Carbon-Pricing Competitiveness Concerns through the Use of Output-Based Allocations. *SPP Research Paper No*, 10(17), 2017.
- G Kent Fellows, Robert Mansell, Ronald Schlenker, and Jennifer Winter. Public-interest benefit evaluation of partial-upgrading technology. *SPP Research Papers*, 10(1), 2017.
- G Kent Fellows. Not So Fast: How Slower Utilities Regulation Can Reduce Prices and Increase Profits. *The School of Public Policy Publications*, 6(15), 2013.

G Kent Fellows. Negotiated Settlements: Long-term Profits and Costs. *The School of Public Policy Publications*, 5(15), 2012.

Working Papers and In Progress

G Kent Fellows and Jeff Church. Splitting the Spectrum: Spectrum Allocation and Auctions in Canada's Wireless Market.

Brett Dolter, G Kent Fellows, and Nic Rivers. The Economics of Low Carbon Electricity Mega Projects: The Site C Hydroelectric Dam in British Columbia.

Jennifer Winter, Brett Dolter, and G Kent Fellows. Carbon Pricing Costs for Households and Revenue Recycling Options in Canada.

G Kent Fellows. The Yield Curve as a Determinant of Investment in Durable Capital.

Book Chapters

Herb Emery and G Kent Fellows. The economic impact of Alberta for the rest of Canada . In Jack M Mintz, Tom Flanagan, and Ted Morton, editors, *Moment of Truth: How to Think about Alberta's Future*. Sutherland House Incorporated, Toronto, 2020.

G Kent Fellows and Jennifer Winter. Comparing Input-Output and Computable General Equilibrium Models in Developing Economic Impact Assessments . In Jennifer Winter and Trevor Tombe, editors, *Measuring the Contribution of Energy Infrastructure: A Practical Guide* . Forthcoming.

Book

G Kent Fellows. *Negotiated settlements In the Pipeline Services Market*. Lambert Academic Publishing, 2011.

Other Policy Papers [Links to all papers available on my website](#)

Brett Dolter, G Kent Fellows, and Nic Rivers. Energy and Environmental Policy Trends: Is the Site C Dam Worth its Growing Price Tag? *The School of Public Policy Publications*, 13, 2020.

G Kent Fellows and Alaz Munzur. Infrastructure Policy Trends: A Canary in Panda's Clothing? *The School of Public Policy Publications*, 13, 2020.

G Kent Fellows, Victoria Goodday, Rabia Ladha, and Jennifer Winter. Energy & Environmental Policy Trends: Our Planet in 2040: Comparing World Energy Outlooks. *The School of Public Policy Publications*, 12, 2019.

G Kent Fellows, Trevor Tombe, and Brendan Boyd. Energy and Environmental Policy Trends: Carbon Rebates Unlikely to Undermine Incentives. *The School of Public Policy Publications*, 11, 2018a.

- G Kent Fellows, Daniel J Dutton, and Aidan Hollis. Making Sure Orphan Drugs Don't Get Left Behind. *The School of Public Policy Publications*, 11, 2018b.
- G Kent Fellows and Trevor Tombe. Gains from Trade for Canada's North: The Case for a Northern Infrastructure Corridor. *SPP Communiqué*, 10, 2018.
- G Kent Fellows. Energy and Environmental Policy Trends: The Invisible Cost of Pipeline Constraints. *The School of Public Policy Publications*, 11, 2018.
- Sarah Dobson and G Kent Fellows. Big and Little Feet Provincial Profiles: Territories. *University of Calgary, The School of Public Policy Publications*, 9, 2017a.
- Sarah Dobson and G Kent Fellows. Big and Little Feet Provincial Profiles: Newfoundland and Labrador. *The School of Public Policy Publications*, 9, 2017b.
- Sarah Dobson and G Kent Fellows. Big and Little Feet Provincial Profiles: Prince Edward Island. *The School of Public Policy Publications*, 9, 2017c.
- Sarah Dobson and G Kent Fellows. Big and Little Feet Provincial Profiles: Nova Scotia. *The School of Public Policy Publications*, 9, 2017d.
- Sarah Dobson and G Kent Fellows. Big and Little Feet Provincial Profiles: New Brunswick. *The School of Public Policy Publications*, 9, 2017e.
- Sarah Dobson and G Kent Fellows. Big and Little Feet Provincial Profiles: Quebec. *The School of Public Policy Publications*, 9, 2017f.
- Sarah Dobson and G Kent Fellows. Big and Little Feet Provincial Profiles: Ontario. *The School of Public Policy Publications*, 9, 2017g.
- Sarah Dobson and G Kent Fellows. Big and Little Feet Provincial Profiles: Manitoba. *The School of Public Policy Publications*, 9, 2017h.
- Sarah Dobson and G Kent Fellows. Big and Little Feet Provincial Profiles: Saskatchewan. *The School of Public Policy Publications*, 9, 2017i.
- Sarah Dobson and G Kent Fellows. Big and Little Feet Provincial Profiles: Alberta. *The School of Public Policy Publications*, 9, 2017j.
- Sarah Dobson and G Kent Fellows. Big and Little Feet Provincial Profiles: British Columbia. *The School of Public Policy Publications*, 9, 2017k.
- G Kent Fellows, Michal Moore, and Blake Shaffer. The Challenge of Integrating Renewable Generation in the Alberta Electricity Market. *The School of Public Policy Publications*, 9(25), 2016.
- Andrei Sulzenko and G Kent Fellows. Planning for Infrastructure to Realize Canada's Potential: The Corridor Concept. *The School of Public Policy Publications*, 9(1), 2016.

Teaching

University of Calgary, School of Public Policy <i>Decision Analysis, (PPOL 609)</i>	2018–2021
<i>Economic Regulation and Competition Policy, (PPOL 611.15)</i>	2017,2018
University of Calgary, Department of Economics <i>Canadian Public Finance, (Econ 355)</i>	2015
<i>Intermediate Microeconomics I, (Econ 301)</i>	2013,2014
University of Calgary, Interdisciplinary <i>Tools for Systems Analysis; Cost Benefit Analysis Module, (EESS 607)</i>	2011
Mount Royal University, Department of Policy Studies <i>Intermediate Microeconomics I, (Econ 2211)</i>	2016
<i>Introductory Microeconomics, (Econ 1101)</i>	2015
St. Mary's University College <i>Intermediate Macroeconomics, (Econ 203)</i>	2010

Research Grants

Carbon Pricing Costs for Households and Revenue Recycling Options in Canada <i>Smart Prosperity Institute, \$48,757</i> Co-Investigator	2018–2020
Canadian Northern Corridor Program <i>Social Science and Humanities Research Council, \$200,000</i> Co-Investigator	2018–2020
<i>University of Calgary Vice President of Research Office, \$10,000</i> Co-Investigator	2018–2020
<i>University of Calgary: Strategic Research Initiative, \$30,000</i> Co-Investigator	2018–2019
<i>University of Calgary: Strategic Research Initiative, \$45,000</i> Co-Investigator	2017–2018

Funds Secured for The School of Public Policy

Canadian Northern Corridor Research Program <i>Government of Alberta, \$1,665,000</i> Associate Program Director	2018–2022
Policy Mechanisms to Support Commercial Deployment of Partial Upgrading <i>Alberta Innovates, \$71,875</i> Co-Investigator	2020–2021
Regulatory Hurdles in Partial Upgrading <i>Alberta Innovates, \$74,000</i> Co-Investigator	2018
Policy Support for Emissions Intensive and Trade Exposed Sectors <i>Canadian Association of Petroleum Producers, \$50,000</i> Co-Investigator	2018

Social Cost Benefit Analysis of Partial Upgrading <i>Alberta Innovates, \$50,000</i> Co-Investigator	2016–2017
Alternative Emissions-Accounting Project <i>Alberta Innovates, \$40,000</i> Co-Investigator	2016–2017

Professional Experience

University of Calgary, The School of Public Policy <i>Research Assistant, (Dr. Michal Moore)</i>	2013–2015
University of Calgary, Department of Economics <i>Research Assistant, (Dr. Aidan Hollis)</i>	2012–2013
<i>Research Assistant (Dr. Jared Carbone)</i>	2010–2012
National Energy Board <i>Intern, (Business Applications Unit)</i>	2008
Mount Royal College -Department of Policy Studies <i>Online Course Development, (Academic Development - Micro and Macroeconomics)</i>	2005

Senate Testimony

National Corridor: Enhancing and Facilitating Commerce and Internal Trade <i>Senate Standing Committee on Banking Trade and Commerce, (Ottawa)</i>	2016
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Other Service

European Court of Auditors <i>Panel Member, Global bench-marking of major transport infrastructure</i>	2020-2021
Committees at The School of Public Policy <i>Master of Public Policy Program Curriculum Review Committee</i>	2019+
<i>Extractive Resources Governance Program Advisory Committee</i>	2018+
<i>The School of Public Policy Space Allocation Committee</i>	2017+
Canada First Research Excellence Fund <i>Member: Technology Assessment and Coordination Team, (University of Calgary)</i>	2019-2020
Journal Refereeing <i>The Energy Journal</i>	2019+
<i>The School of Public Policy Paper Series</i>	2017+
<i>Canadian Public Policy</i>	2017+
Govt. of AB, Energy Diversification Advisory Committee <i>Cost Benefit Advisory Consultant, (Edmonton and Calgary, AB)</i>	2017-2018
<i>Member: Crude Oil Working Group</i>	2017-2018
<i>Member: Natural Gas Working Group</i>	2017-2018

Guest Lectures

- Alberta's Climate Change Leadership Plan* 2017
International Summer School on the Geopolitics of Energy and Natural Resources, Dr. JS Rioux / The School of Public Policy (Calgary AB)
- Pipelines and the Public* 2016
Public Health (PUBH 2000) Dr. Daniel Dutton / University of Lethbridge (Calgary Campus)

Invited Presentations

- Delivering Strategic Infrastructure to Support Resource Development* 2020
-20th Annual Arctic Oil & Gas Symposium (Online)
- Barriers to Full-Scale Deployment of Emissions-Reduction Technologies* 2020
-Emissions Reduction Alberta, Board of Directors (Edmonton, AB)
- Canada's Energy Security - Federal and Provincial Cooperation and the Energy Corridor* 2019
-Panelist: Petroleum Joint Venture Association (Calgary, AB)
- Regulatory Issues Relevant to Canadian Fuels* 2019
-Canadian Fuels Association Annual Meeting (Calgary, AB)
- Planning for Infrastructure to Realize Canada's Potential: The Corridor Concept* 2019
-Consulting Engineers of Alberta - Transportation Conference (Red Deer, AB)
-Northern Transportation Advocacy Bureau (Grand Prairie, AB - via Teleconference)
-National All-Chiefs Energy Summit- hosted by: Tsuut'ina Chief Crowchild (Calgary, AB)
- Developing infrastructure to unlock resource development potential* 2018
-Panel Moderator: Energy and Mining Minister's Conference (Iqaluit, NU)
- Refine it Where You Mine It? The Case For or Against Refining in Alberta* 2018
-Presenter and panelist: Economics Society of Northern Alberta Event (Edmonton, AB)
- Reducing the discount- How partial upgrading can Benefit Alberta* 2018
-Panelist: Policy and a Pint (Calgary, AB)
- Northern Transportation: Alternative Solutions* 2018
-Seminar Presenter and panelist: Northern Lights Conference 2018 (Ottawa, ON)
- Provincial Level Consumption and Production Based Emissions Footprints* 2018
-ReDeveLop Conference (Calgary, AB)
-Govt. of AB Assistant Deputy Ministers Integrated Resource Management System group (Edmonton, AB)
-Government of Alberta Staff (Edmonton, AB)
- Provincial Level Consumption and Production Based Emissions Footprints* 2017
-National Energy Board Staff and Board Members (Calgary, AB)
- Planning for Infrastructure to Realize Canada's Potential: The Corridor Concept* 2017
-Northern Exposure Conference (St. John's, NFLD)
- Approaching the Intermittent Renewables Saturation Point* 2017
-Panelist: 18th Alberta Power Summit (Calgary, AB)
- Planning for Infrastructure to Realize Canada's Potential: The Corridor Concept* 2016
-Pipeline Gridlock Conference- hosted by: Indian Resources Council (Calgary, AB)
Opportunities North Conference (Yellowknife, NWT)
- Input Output and General Equilibrium Models: Theory and Practice* 2016
-Govt. of AB Policy and Information Branch Modeling Seminar (Edmonton, AB)

Negotiated Settlements at the NEB: The Consequences for Depreciation 2010
-National Energy Board of Canada (Calgary Alberta)

Conference Presentations

A Socioeconomic Review of the Inuvik to Tuktoyaktuk Highway Sept 2020
Canadian Northern Corridor Paper Workshop, (Online)

Splitting the Spectrum: Spectrum Allocation and Auctions in Canadian Telecom June 2019
Canadian Economics Association Meeting, (Banff, AB)

National Infrastructure and Market Access: The Canadian Northern Corridor Concept June 2018
Global Petroleum Show, (Calgary AB)

Public Interest Evaluation of Partial Upgrading Technology: Economics and Emissions June 2018
COSIA Innovation Summit, (Calgary AB)

Factor Supply Assumptions in I/O and CGE Models June 2017
Canadian Economics Association Meeting, (Antigonish NS)

Consumption vs. Production Accounting of Canadian Provincial Emissions Oct 2015
Canadian Resource and Environmental Economics Association Annual Conference, (Sherbrooke QC)

The Yield Curve as a Determinant of Investment in Durable Capital June 2014
Canadian Economics Association Meeting, (Vancouver BC)

Strategic Input Decisions Under Rate of Return Regulation June 2013
Canadian Economics Association Meeting, (Montreal QC)

Seminars

The Yield Curve as a Determinant of Investment in Durable Capital 2018
Mount Royal University, (Calgary AB)

Consumption vs. Production Accounting of Canadian Provincial Emissions 2016
The School of Public Policy, (Calgary AB)

The Yield Curve as a Determinant of Investment in Durable Capital 2014
University of Calgary - Department of Economics, (Calgary AB)

Economic Impact assessments using Input-Output and General Equilibrium models 2014
University of Calgary - Department of Economics, (Calgary AB)
The School of Public Policy, (Calgary AB)

Strategic Input Decisions Under Rate of Return Regulation 2015
St. Francis Xavier University - Department of Economics, (Antigonish NS)

Strategic Input Decisions Under Rate of Return Regulation 2013
University of Calgary - Department of Economics, (Calgary AB)

Negotiated Settlements with a Cost of Service Backstop: Consequences for Depreciation 2010
University of Calgary - Department of Economics, (Calgary AB)

OP-EDS [Links to all Op-Eds available on my website](#)

Carbon pricing is here to stay in Sask. So how should the province use the money? April 12, 2021
CBC News (With Brett Dolter and Jennifer Winter)

Why Canada should invest in 'macrogrids' for greener, more reliable electricity February 24, 2021
 The Conversation (With Brett Dolter, Nic Rivers and Blake Shaffer)

Keystone XL may be dead but Canada's interprovincial trade barriers are alive... February 1, 2021
 Globe and Mail

Alberta's electricity consumers aren't out of the woods yet August 1, 2019
 Calgary Herald

Why Canada needs continued investment in transportation infrastructure August 6, 2017
 Globe and Mail

Partial Upgrading could boost Alberta's Economy January 20, 2017
 Calgary Herald (with Robert Mansell)

Media

I am interviewed by TV, Radio and Written Press multiple times per month on areas including but not limited to: Electricity Economics / Pipeline Economics / Oil and Natural Gas Markets / Transportation and Regional Economics / Trade Corridors. A non-exhaustive list of interview outlets: 660am News Calgary / 770am News Calgary / CBC Radio (local and national syndication) / Global News (TV) / CityTV News / The Edmonton Journal.

Example Consulting Activities

Canadian Bar Association: Alberta Chapter (Cost Benefit / Decision Analysis for Legal Aid Supports)
 Calgary Chamber of Voluntary Organizations (Economic Impacts of non-profit funding, pro-bono)
 Task Force for Real Jobs, Real Recovery (Economic Impact Assessment via CGE model)
 Enbridge (Background on comparing consumption based emissions across products and suppliers)
 MEG Energy (Cost Benefit and Economic Impact Assessment via CGE model)
 New Brunswick Business Council (Economic Impact Assessment via CGE model)
 APOTEX Pharmaceuticals (Counterfactual Market Sales Assessments)

Notable Student Service and Awards

University of Calgary Economics Graduate Association: Vice-President Academic 2013-2014
Graduate student representative to Economics Department Meetings 2013-2014
University of Calgary Graduate Representative Council Delegate 2013
Department of Economics Graduate Student Teaching Award (Intermediate Micro I) 2013