

G. Kent Fellows

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Citizenship: Canadian

Employment

Department of Economics (University of Calgary)

Assistant Professor 2021+

100% Secondment to The School of Public Policy

School of Public Policy (University of Calgary)

Graduate Program Director 2022+

Master of Public Policy

Program Director 2022+

Canadian Northern Corridor

Associate Program Director 2018-2021

Canadian Northern Corridor

Research Associate 2015-2021

Energy and Environmental Policy

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

Scholarly Appointments and Affiliations

CD Howe Institute

Fellow In Residence (Energy Policy Research Program / Compensated) 2021+

Smart Prosperity Institute

Research Partner (Econ & Enviro Policy Research Network / Uncompensated) 2018+

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

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

- Jennifer Winter, Brett Dolter, and G Kent Fellows. Carbon pricing costs for households and the progressivity of revenue recycling options in Canada. *Canadian Public Policy*, 49(1):13–45, 2023.
- Garret Kent Fellows, Jennifer Winter, and Alaz Munzur. An analysis of industrial policy mechanisms to support commercial deployment of bitumen partial upgrading in Alberta. *Energies*, 16(6):2670, 2023.
- G Kent Fellows, Alaz Munzur, and Jennifer Winter. A socio-economic review of the impacts of Northwest Territories' Inuvik to Tuktoyaktuk Highway 10. *Canadian Journal of Regional Science*, 45(3):137–149, 2022.
- Brett Dolter, G Kent Fellows, and Nicholas Rivers. The cost effectiveness of new reservoir hydroelectricity: British Columbia's Site C project. *Energy Policy*, 169:113161, 2022.
- G Kent Fellows. Pipes, trains and automobiles: Explaining British Columbia's high wholesale gasoline prices. *The Energy Journal*, 43(5), 2022.
- 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](#)

- Katharina Koch, Emily Galley, Evgeniia (Jen) Sidorova, G. Kent Fellows, and Robert Mansell. The Canadian Northern Corridor Community Roundtable Program: Results and Lessons Learned. *The School of Public Policy Publications*, Forthcominga.
- Katharina Koch, Emily Galley, Evgeniia (Jen) Sidorova, G. Kent Fellows, and Robert Mansell. The Canadian Northern Corridor Community Engagement Program: Results and Lessons Learned. *The School of Public Policy Publications*, Forthcomingb.
- Fellows G. Kent, Robert Mansell, and Mukesh Khanal. Canadian Competitiveness for Infrastructure Investment. *The School of Public Policy Publications*, Forthcoming.
- G Kent Fellows. Last barrel standing? confronting the myth of “high-cost” Canadian oil sands production. *Confronting the Myth of “High-Cost” Canadian Oil Sands Production (December 20, 2022)*. *CD Howe Institute Commentary*, 635, 2022.

- 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, Jeff Church, and Lucia Vojtassak. Stability of Oligopoly Equilibrium under Bertrand Competition with Asymmetric Differentiated Products.
- G Kent Fellows and Jeff Church. Splitting the Spectrum: Spectrum Allocation and Auctions in Canada's Wireless Market.

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.

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

G Kent Fellows and Trevor Tombe. Energy and environmental policy trends: Indirect carbon tax costs reduced by policy design. *The School of Public Policy Publications*, 16(1), 2023.

Herb Emery and Kent Fellows. Assessing the Validity of CGE Modelled Impacts of the Federal Climate Policies on the Saskatchewan Economy. *Canada West Foundation*, 2022.

G. Kent Fellows and Gregory Galay. Energy and Environmental Policy Trends: What's Driving the Cost of Driving. *The School of Public Policy Publications*, 15, 2022.

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

Decision Analysis, (PPOL 609) 2017-2022, 2024

Economic Regulation and Competition Policy, (PPOL 611.15 / PPOL 699) 2017,2018,2023(x2),

Politics & Collective Choice (team taught), (PPOL 607) 2023

University of Calgary, Department of Economics

Canadian Public Finance, (Econ 355) 2015

Intermediate Microeconomics I, (Econ 301) 2013,2014

Mount Royal University, Department of Policy Studies

Intermediate Microeconomics I, (Econ 2211) 2016

<i>Introductory Microeconomics, (Econ 1101)</i>	2015
University of Calgary, Interdisciplinary <i>Tools for Systems Analysis; Cost Benefit Analysis Module, (EESS 607)</i>	2011
St. Mary's University College <i>Intermediate Macroeconomics, (Econ 203)</i>	2010

Research Grants

Examining the Value of the Site C megaproject <i>Energy Modelling Institute, \$15,000</i> Principal Investigator	2021
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

Senate Testimony

National Corridor: Enhancing and Facilitating Commerce and Internal Trade
Senate Standing Committee on Banking Trade and Commerce, (Ottawa) 2016

Other Service

Committees In the Department of Economics
Undergraduate Committee 2022-2023
Microeconomics Field Committee 2022-2023

Committees at The School of Public Policy
Master of Public Policy Graduate Program Subcommittee 2021+
Extractive Resources Governance Program Advisory Committee 2018+
Master of Sustainable Energy Development Curriculum Review Committee 2021
Master of Public Policy Program Curriculum Review Committee 2019-2021
The School of Public Policy Space Allocation Committee 2017-2021

European Court of Auditors
Panel Member, Global bench-marking of major transport infrastructure 2020-2021

Canada First Research Excellence Fund
Member: Technology Assessment and Coordination Team, (University of Calgary) 2019-2020

Govt. of AB, Energy Diversification Advisory Committee
Cost Benefit Advisory Consultant, (Edmonton and Calgary, AB) 2017-2018
Member: Crude Oil Working Group 2017-2018
Member: Natural Gas Working Group 2017-2018

Journal Referee

The Energy Journal 2019+
The School of Public Policy Paper Series 2017+
Canadian Public Policy 2017+

Capstone Supervision

Brayden Greentein (MPP) 2022/2023
pending

Chantelle de Jonge (MPP) 2022/2023
pending

Sarah Suchotzky (MPP) 2022/2023
pending

Faith Stewart (MPP) 2022/2023
pending

Liora Beaulieu (MPP) 2022/2023
Increasing Tax Compliance within the Canadian Residential Construction Industry

Alexia Hill (MPP) 2022/2023

Two-part tariff: a method to induce firms to supply novel antibiotics in Canada <i>Kinga Nolan (MPP)</i>	2022/2023
Beefing up the Cattle Supply Chain: Policies for improving Canada's beef sector resiliency <i>Grady Munroe (MPP)</i>	2022/2023
Market Concentration in Canadian Beef Packing: The Wrong Target for Competition Policy <i>Grady Munroe (MPP)</i>	2022/2023
Market Concentration in Canadian Beef Packing: The Wrong Target for Competition Policy <i>Jane Cook (MPP)</i>	2021/2021
Gasoline Pricing in Alberta: Contributing Factors and an Investigation of Policy Alternatives <i>Sarah Grenon (MSc SEDV)</i>	2021/2021
Formula 1: Race for Sustainable Air Transport	

Invited Presentations

<i>Delivering Strategic Infrastructure to Support Resource Development</i> -20th Annual Arctic Oil & Gas Symposium (Online)	2020
<i>Barriers to Full-Scale Deployment of Emissions-Reduction Technologies</i> -Emissions Reduction Alberta, Board of Directors (Edmonton, AB)	2020
<i>Canada's Energy Security - Federal and Provincial Cooperation and the Energy Corridor</i> -Panelist: Petroleum Joint Venture Association (Calgary, AB)	2019
<i>Regulatory Issues Relevant to Canadian Fuels</i> -Canadian Fuels Association Annual Meeting (Calgary, AB)	2019
<i>Planning for Infrastructure to Realize Canada's Potential: The Corridor Concept</i> -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)	2019
<i>Developing infrastructure to unlock resource development potential</i> -Panel Moderator: Energy and Mining Minister's Conference (Iqaluit, NU)	2018
<i>Refine it Where You Mine It? The Case For or Against Refining in Alberta</i> -Presenter and panelist: Economics Society of Northern Alberta Event (Edmonton, AB)	2018
<i>Reducing the discount- How partial upgrading can Benefit Alberta</i> -Panelist: Policy and a Pint (Calgary, AB)	2018
<i>Northern Transportation: Alternative Solutions</i> -Seminar Presenter and panelist: Northern Lights Conference 2018 (Ottawa, ON)	2018
<i>Provincial Level Consumption and Production Based Emissions Footprints</i> -ReDeveLop Conference (Calgary, AB) -Govt. of AB Assistant Deputy Ministers Integrated Resource Management System group (Edmonton, AB) -Government of Alberta Staff (Edmonton, AB)	2018
<i>Provincial Level Consumption and Production Based Emissions Footprints</i> -National Energy Board Staff and Board Members (Calgary, AB)	2017
<i>Planning for Infrastructure to Realize Canada's Potential: The Corridor Concept</i> -Northern Exposure Conference (St. John's, NFLD)	2017
<i>Approaching the Intermittent Renewables Saturation Point</i> -Panelist: 18th Alberta Power Summit (Calgary, AB)	2017

<i>Planning for Infrastructure to Realize Canada's Potential: The Corridor Concept</i> -Pipeline Gridlock Conference- hosted by: Indian Resources Council (Calgary, AB) Opportunities North Conference (Yellowknife, NWT)	2016
<i>Input Output and General Equilibrium Models: Theory and Practice</i> -Govt. of AB Policy and Information Branch Modeling Seminar (Edmonton, AB)	2016
<i>Negotiated Settlements at the NEB: The Consequences for Depreciation</i> -National Energy Board of Canada (Calgary Alberta)	2010

Conference Presentations

<i>A Socioeconomic Review of the Inuvik to Tuktoyaktuk Highway</i> Canadian Northern Corridor Paper Workshop, (Online)	Sept 2020
<i>Splitting the Spectrum: Spectrum Allocation and Auctions in Canadian Telecom</i> Canadian Economics Association Meeting, (Banff, AB)	June 2019
<i>National Infrastructure and Market Access: The Canadian Northern Corridor Concept</i> Global Petroleum Show, (Calgary AB)	June 2018
<i>Public Interest Evaluation of Partial Upgrading Technology: Economics and Emissions</i> COSIA Innovation Summit, (Calgary AB)	June 2018
<i>Factor Supply Assumptions in I/O and CGE Models</i> Canadian Economics Association Meeting, (Antigonish NS)	June 2017
<i>Consumption vs. Production Accounting of Canadian Provincial Emissions</i> Canadian Resource and Environmental Economics Association Annual Conference, (Sherbrooke QC)	Oct 2015
<i>The Yield Curve as a Determinant of Investment in Durable Capital</i> Canadian Economics Association Meeting, (Vancouver BC)	June 2014
<i>Strategic Input Decisions Under Rate of Return Regulation</i> Canadian Economics Association Meeting, (Montreal QC)	June 2013

Seminars

<i>The Yield Curve as a Determinant of Investment in Durable Capital</i> Mount Royal University, (Calgary AB)	2018
<i>Consumption vs. Production Accounting of Canadian Provincial Emissions</i> The School of Public Policy, (Calgary AB)	2016
<i>The Yield Curve as a Determinant of Investment in Durable Capital</i> University of Calgary - Department of Economics, (Calgary AB)	2014
<i>Economic Impact assessments using Input-Output and General Equilibrium models</i> University of Calgary - Department of Economics, (Calgary AB) The School of Public Policy, (Calgary AB)	2014
<i>Strategic Input Decisions Under Rate of Return Regulation</i> St. Francis Xavier University - Department of Economics, (Antigonish NS)	2015
<i>Strategic Input Decisions Under Rate of Return Regulation</i> University of Calgary - Department of Economics, (Calgary AB)	2013
<i>Negotiated Settlements with a Cost of Service Backstop: Consequences for Depreciation</i> University of Calgary - Department of Economics, (Calgary AB)	2010

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

- Alberta's renewable energy pause goes against free market fundamentals* August 9, 2023
Globe and Mail
- Canada's billions to Volkswagen and Stellantis are irresponsible and inflationary* May 24, 2023
Globe and Mail
- 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.