

Blake Shaffer

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Summary

My work focuses on practical, evidence-based solutions for modern electricity systems, built through interdisciplinary research and major cross-sector collaborations. I have founded and led several nationally significant initiatives, including the Net Zero Electricity Research Initiative, the Energy Modelling Hub, and the Western Transmission Catalysts, a \$9.3M effort to advance Indigenous-led interprovincial transmission across western Canada. These initiatives reflect my commitment to convening universities, governments, utilities, and Indigenous partners to address system-level challenges.

My research spans economics, energy science, and public policy, with publications in AEJ: Economic Policy, AER: Insights, The Energy Journal, Energy Economics, Nature, Joule, and the Canadian Journal of Economics. I regularly integrate empirical methods, power system models, and field experiments to study electricity market design, demand flexibility, electric vehicles and renewables integration.

My research program has been supported by exceptional grant success, including multiple SSHRC and NSERC grants, Clean Energy Foundation and Alberta Innovates awards, and three major Natural Resources Canada grants, which together amount to over \$22M in funding as PI. These resources have enabled large-scale field experiments, national policy collaborations, Indigenous capacity-building, and the creation of lasting research infrastructure. I also created and organize the annual Electricity Camp in the Rockies, now a leading Canadian forum for dialogue between scholars, policymakers, and practitioners.

Education

Ph.D. Economics, University of Calgary, 2014–2018

Dissertation: Three Essays on Electricity Demand

**Selected as the University of Calgary's nominee in the category of Fine Arts, Humanities and Social Sciences for the Canadian Association of Graduate Studies Distinguished Dissertation Award*

Committee: Dr. Trevor Tombe (Supervisor), Dr. Lucija Muehlenbachs, Dr. Ken McKenzie

Examiners: Dr. Max Auffhammer (External), Dr. Pamela Campa (Internal)

M.Phil. Economics, University of Cambridge, 2002–2003

Masters Thesis: Road congestion charging: A preliminary analysis of the London scheme

Supervisor: Dr. Georgina Santos, Examiner: Dr. David Newbery

Graduated *with merit*; achieved Ph.D. continuation level

B.Sc. (Hons) Environmental Sciences, Queen's University, 1995–2000

Honours Thesis: Mine Reclamation in the Canadian Arctic: An Analysis of Policy Alternatives

Graduated with 1st class distinction

Exchange year, University of Melbourne, 1997

Received letter of distinction in Philosophy

Employment and Affiliations

Associate Professor (Tenured), University of Calgary, Department of Economics, 2023–present

Assistant Professor, University of Calgary, Department of Economics, 2020–2023

Director, Western Transmission Catalysts, 2025–2029

Co-Founder and Co-Director, The Electricity Centre at University of Calgary, 2025–present

Co-Founder and Co-Director, Net Zero Electricity Research Initiative, 2022–2026

Co-Director, Energy Modelling Hub / Carrefour de modélisation énergétique, 2022–present

Lab Economist and Moderator, Creative Destruction Lab, 2019–present

Partial secondment to School of Public Policy, University of Calgary, 2020–2024

Energy Policy Fellow, C.D. Howe Institute, 2016–2021

Fulbright Postdoctoral Scholar, Stanford University, 2019

Visiting Scholar, Toulouse School of Economics, Fall 2018

Policy advisory roles, 2015–present

Consultant, B.C. Government Strategic Energy Review, 2024–2025

External Energy Advisor, B.C. Government BC Hydro Task Force, 2023–2024 (unpaid)

Technical Advisor, Canadian Climate Institute, 2021–2022; 2024–2025

Policy Advisor, Government of Canada, Ministry of Environment and Climate Change, 2018–present

Expert Advisor, Government of British Columbia, BC Hydro Transformative Review, 2019–2021

Policy Advisor, Government of Alberta, Department of Energy, 2016–2018

Expert Advisor, Government of Alberta Economic Diversification Advisory Committee, 2017 (unpaid)

Expert Advisor, Government of Alberta, Electricity Transition Governance Committee, 2016 (unpaid)

Member, Government of Alberta, Royalty Review Secretariat, 2015–16

Member, Government of Alberta, Natural Gas Expert Panel, 2015–16 (unpaid)

Transalta Corporation, Calgary, AB, 2010–14

Director, Head of Trading, 2012–14

Senior Power Trader, 2010–11

Barclays Capital, New York, NY, 2007–10

Senior Power Trader

Lehman Brothers, New York, NY, 2006–07

Power and Gas Trader

Powerex Corp. (BC Hydro), Vancouver, BC, 1999–2006

Manager of Analytics, 2003–06

Term Power Trader, 2001–02

Spot Power Trader and Analyst, 1999–01

Grants and Awards

Natural Resources Canada, SREP Critical Regional Priorities Stream (\$4,218,000–NRCan; \$9,300,630–Total Project Costs; PI). *Western Transmission Catalysts: Practical Pathways to Interprovincial Transmission Expansion in Western Canada*, 2025–2028.

Natural Resources Canada, SREP Capacity Building Stream (\$4,999,999–NRCan; \$6,250,000–Total Project Costs; PI). *Reinforcing Canadian Energy Modelling Capacities: Enhancing Tools and Expertise for Canada's Electricity and Renewable Energy Sector*, with Madeleine McPherson, Normand Mousseau and Mark Winfield, 2025–2029.

NSERC Alliance Grant (\$117,540, Co-Applicant). *Affordable decarbonization pilot program*, with Nic Rivers [PI] and Erica Myers, 2024–2027.

SSHRC Insight Grant (\$221,039, PI). *Field experiments on dynamic charging of electric vehicles*, with Erica Myers, Megan Bailey and David Brown, 2024–2028

Canada First Research Excellence Fund "Volt-Age" program (\$125,000, PI). *Active charge management of electric vehicles to minimize strain on electricity systems*, with Megan Bailey, David Brown, Erica Myers and Frank Wolak, 2024–2026

FES-GRI Joint Research Booster Award (\$110,000, co-PI). *Evaluating methods to shift electric vehicle charge timing*, with David Brown [co-PI], Megan Bailey, Erica Myers and Frank Wolak, 2024–2026

SSHRC Insight Development Grant (\$70,200, co-Applicant). *Field experiments to facilitate the electricity energy transition*, with Megan Bailey [PI] and David Brown, 2023

SSHRC Connection Grant (\$24,810, PI). *Electricity Camp in the Rockies*, 2023

Alberta Innovates, Clean Resources Program (\$1,570,500, co-PI). *Net Zero Electricity Research Initiative*, with Sara Hastings-Simon. 2022–2025

Natural Resources Canada, Smart Renewables and Electrification Pathways Program, Capacity Building Stream (\$5,000,000, co-PI). *Energy Modelling Hub / Carrefour de modélisation énergétique*, with Madeleine McPherson, Normand Mousseau and Louis Beaumier, 2021–2025

U.S. Department of State, U.S. Embassy and Consulates in Canada, Public Affairs Section (PAS), Accelerating Climate Ambitions Grant Program (USD\$32,084, PI). *Canadian Electricity Policy Forum*, with Sara Hastings-Simon, 2022

SSHRC Connection Grant (\$24,454, PI). *Canadian Electricity Policy Forum*, 2022

SSHRC Insight Development Grant (\$66,320, PI). *Accelerating the electric vehicle transition: An empirical analysis of Canadian EV policy*, with David Rapson, Nic Rivers, and Devin Morrison, 2021–2023

Calgary Foundation (\$35,000, co-PI). *Multiple Account Benefit-Cost Analysis of Coal Mining in Alberta*, with Jen Winter, 2021

Sustainable Prosperity Institute (\$10,000, co-Applicant). *Environmental Taxes and Energy Poverty in Canada*, co-applicant, with Jen Winter [PI], 2021

FES-GRI Joint Research Fund 2020, University of Calgary and University of Alberta (\$86,000, co-PI). *Dynamic Load Control and EV Charging*, with David Brown [co-PI] and Megan Bailey, 2021–2023

Haskayne School of Business Big Idea Seed Research Grant, University of Calgary (\$20,000, co-Applicant). *Central control versus pricing*, with Megan Bailey [PI], David Brown and Frank Wolak, 2021

Natural Resources Canada Research Grant (\$15,000, PI). *The value of timely and detailed electricity data*, 2021

EEPRN Research Grant (\$37,055, PI), *How do households spend carbon tax rebates?*, with Nic Rivers, 2019–2020

Fulbright Scholar, Canada-US Fulbright Program, Stanford University, 2019

University of Calgary Graduate Student Teaching Award, 2018

Victor Yang Song Graduate Scholarship in Teaching Excellence, 2018

University of Calgary Faculty of Graduate Studies Travel Award, 2018

John D. Petrie, QC Memorial Graduate Scholarship, 2017–19

James D. Gaisford Research Prize (Top 2nd year PhD research paper), 2017

Queen Elizabeth II Scholarship (SSHRC and Vanier National Finalist), 2015–17

Talisman Graduate Scholarship in Energy and Related Studies, 2015–16

Top Macroeconomics Prize, 1st year PhD, 2015

Economics Society of Calgary Scholarship, 2014

Cambridge Commonwealth Trust Graduate Scholarship, 2003

Carl Reinhardt Scholarship in Geological Sciences, 1997

Morley E. Wilson Scholarship in Geological Sciences, 1996

Queen's Applied Science (Engineering) Dean's List, 1996

Queen's Anniversary Entrance Scholarship, 1995

Publications

Working Papers

Bailey, M., Brown, D., Shaffer, B. & F. Wolak. **Take the Load Off: Effort and Technology as Determinants of Electricity Demand Response** (Under review).

Darkwah, A., Shaffer, B. & S. Hastings-Simon. **Layering Incentives: The Impact of Local Top-Ups on Solar Adoption and Welfare** (Under review).

Niazi, A., & B. Shaffer. **Do gasoline prices influence electric vehicle usage? Evidence from the U.S.**

Rapson, D., & B. Shaffer. **Smooth Operator? Managing Electric Vehicle Integration in Constrained Distribution Networks**

Journal Articles in Economics

Brown, D., Olmstead, D., & B. Shaffer. (2025). **Electricity Market Design with Increasing Renewable Generation: Lessons From Alberta**. *Electricity Journal*, (In Press).

Bailey, M., Brown, D., Myers, E., Shaffer, B. & F. Wolak. (2025). **Electric Vehicles and the Energy Transition: Unintended Consequences of a Common Retail Rate Design**. *American Economic Review: Insights*, 7(4), 1–17.

Bailey, M., Brown, D., Shaffer, B. & F. Wolak. (2025) **Show me the money! A field experiment to shift electric vehicle charge timing**. *American Economic Journal: Economic Policy*, 17(2), 1–26.

- Brown, D., Eckert, A. & B. Shaffer. (2023). **Evaluating the Impact of Divestitures on Competition: Evidence from Alberta's Wholesale Electricity Market.** *International Journal of Industrial Organization*, 102953.
- Hastings-Simon, S., Leach, A., Shaffer, B. & T. Weis. (2022). **Alberta's Renewable Electricity Program: Design, Results, and Lessons Learned.** *Energy Policy*, 171.
- Tabari, M. & B. Shaffer. (2020) **Paying for performance: The role of policy in energy storage deployment.** *Energy Economics*, 92.
- Leach, A., Rivers, N. & B. Shaffer. (2020). **Canadian electricity markets during the COVID-19 pandemic: An initial assessment.** *Canadian Public Policy*, 46(S2).
- Shaffer, B. (2020). **Misunderstanding nonlinear prices: Evidence from a natural experiment on residential electricity demand.** *American Economic Journal: Economic Policy*, 12(3).
- Rivers, N. & B. Shaffer. (2020). **Stretching the duck: How rising temperatures will change the level and shape of future electricity consumption.** *The Energy Journal*, 41(5).
- Shaffer, B. (2019). **Location Matters: Daylight saving time and electricity demand.** *Canadian Journal of Economics*, 52(4).
- Santos, G. & B. Shaffer. (2004). **Preliminary results of the London congestion charging scheme.** *Public Works, Management and Policy*, 9(20): 164–181.

Journal Articles in Energy

- Fried, A., Shaffer, B. & S. Hastings-Simon. (2024). **Sufficiency of Level 1 charging to meet electric vehicle charging requirements.** *Environmental Research: Infrastructure and Sustainability*, 4(2).
- Shaffer, B., Quintero, D. & J. Rhodes. (2022). **Changing sensitivity to cold weather in Texas power demand.** *iScience*, 25(4).
- Mays, J., Craig, M., Kiesling, L., Macey, J., Shaffer, B. & H. Shu. (2022). **Private Risk and Social Resilience in Liberalized Electricity Markets.** *Joule*, 6(2), 369-380.
- Shaffer, B., Samaras, C. & M. Auffhammer. (2021). **Make electric vehicles lighter to maximize climate and safety benefits.** *Nature*, 598, 254-256 (Editor-reviewed Comment).

Journal Articles outside Energy and Economics

- Lang, R., Benham, J.L., Atabati, O., Hollis, A., Tombe, T., Shaffer, B., Kovacs Burns, K., MacKean, G., Leveille, T., McCormack, B., Sheikh, H., Fullerton, M., Tang, T., Boucher, J-C., Constantinescu, C., Murali, M., Manns, B., Marshall, D. & Oxoby, R. (2021). **Attitudes, behaviours and barriers to public health measures for COVID-19: a survey to inform public health messaging.** *BMC Public Health*, 21, 765.
- Benham, J., Omid Atabati, Robert J Oxoby, Mehdi Murali, Blake Shaffer, Hasan Sheikh, Jean-Christophe Boucher, Cora Constantinescu, NM Ivers, SC Ratzan, MM Fullerton, T Tang, BJ Manns, DA Marshall, J Hu, R Lang (2021). **COVID-19 Vaccine Attitudes and Beliefs: A Canadian National Cross-Sectional Survey and Cluster Analysis.** *JMIR Public Health and Surveillance*, 7(12).
- Lang, R., Omid Atabati, Robert J Oxoby, Mehdi Murali, Blake Shaffer, Hasan Sheikh, Madison M Fullerton, Theresa Tang, Jeanna Parsons Leigh, Braden J Manns, Deborah A Marshall, Noah M Ivers, Scott C Ratzan, Jia Hu, Jamie L Benham (2021). **Characterization of non-adopters of COVID-19 non-pharmaceutical interventions through a national cross-sectional survey to assess attitudes and behaviours.** *Scientific Reports*, 11, 21751

Book Reviews

Shaffer, B. (2023). Review of **Handbook on Electricity Markets** by Jean-Michel Glachant, Paul L. Joskow, and Michael G. Pollitt, eds. *The Energy Journal*, 44(4).

Policy Papers

Market Design for the 21st Century: Recommendations for Alberta's Power Market (with Frank Wolak), Feb 2024, *University of Calgary, School of Public Policy Research Paper*, 17(2)

Closing the carbon pricing certainty gap (with Jason Clark, Michael Bernstein, Dale Beugin and Jake Wadland), Oct 2022, *Clean Prosperity Research Report*

A multiple account benefit-cost analysis of coal mining in Alberta (with Jennifer Winter, Megan Bailey, Emily Galley and Chris Joseph), Nov 2021, *University of Calgary, School of Public Policy Research Paper*, 14(32)

The Role of Hydrogen in Decarbonizing Alberta's Electricity System (with Jordan Neff and Chris Bataille), Nov 2021, *University of Calgary, School of Public Policy Research Paper*, 14(31)

The Role of Hydrogen in Canada's Transition to Net-Zero Emissions (with Chris Bataille and Jordan Neff), Nov 2021, *University of Calgary, School of Public Policy Research Paper*, 14(30)

Technical pathways to aligning Canadian electricity systems with net zero goals, Oct 2021, *Canadian Institute for Climate Choices White Paper*

The Price of Power: Comparative Electricity Costs across Provinces (with Grant Bishop and Mariam Ragab), Oct 2020, *C.D. Howe Research Paper*, no. 582

The Role of Storage in Alberta's Electricity Market: Summary of a School of Public Policy Roundtable Event, Sep 2019, *University of Calgary, School of Public Policy Summary Paper*, 12(28)

All's Well that Ends Well: Addressing End-of-Life Liabilities for Oil and Gas Wells (with Ben Dachis and Vincent Thivierge), Sep 2017, *C.D. Howe Research Paper*, no. 492

The Challenge of Integrating Renewable Generation in the Alberta Electricity Market (with G. Kent Fellows and Michal C. Moore), Sep 2016, *University of Calgary, School of Public Policy Summary Paper*, 9(25)

The Political Economy of Free Allocations (with Mark Purdon and David Houle), Apr 2016, *Ecofiscal Commission Position Paper Series on Carbon Pricing Revenue Recycling*

Lifting the Hood on the Alberta Royalty Review, Feb 2016, *University of Calgary, School of Public Policy Briefing Paper*, 9(7)

Reports

The value of timely and detailed electricity data for energy and economic policy research, (with Megan Bailey and Mallika Sharma), *Report prepared for Natural Resources Canada*, March 2021

Defining and describing energy poverty in British Columbia: The distribution of households' energy expenditure (with Jennifer Winter), *Report prepared for the BC Basic Income Panel led by David Green, Jonathan Rhys Kesselman and Lindsay Tedds*, Dec 2020

Long-term resource adequacy in Alberta's electricity system (with Frank Wolak), *Report prepared for the Ministry of Energy, Alberta*, July 2019

Popular Media

Over 60 articles in leading popular media and policy outlets, including the *Globe and Mail*, *CBC*, *Maclean's*, *C.D. Howe Institute*, and *The Conversation Canada*, covering electricity markets, climate policy, and broader economic policy issues.

Proceedings

Conference Presentations and Invited Seminars

2025: Monash Energy Workshop (Feb), National Academies of Sciences, Engineering, and Medicine (virtual; April), University of Alberta (April), Kelowna Roundtable (Sept), Alberta Utilities Commission (Oct), Alberta Electric System Operator (Oct), Ivey Workshop on Energy Policy and Markets (Nov), Carleton University (Nov)

2024: POWER Conference, University of California at Berkeley (Mar); CAMPUT conference (May); Electricity Camp in the Rockies (May); UC San Diego (June); Toulouse School of Economics (June); UC Berkeley Energy Institute (June)

2023: University of Victoria (Feb); University of Toronto (Mar); NBER Environment and Energy Spring Conference (Mar); Creative Destruction Lab "The Simple Economics of Energy" (May); University of Toronto (November); Calgary Association of Lifelong Learners (November); UCalgary One Health (November); Pacific Energy Innovation Association (December)

2022: Globeandmail Panel on Future of Automotive (Feb); POWER Conference, University of California at Berkeley (Mar); Canadian Energy Regulator (Apr); Canadian Economics Association Annual Meeting (June); 1st Annual Electricity Camp in the Rockies (June); UC Berkeley Energy Institute (June); Government of Alberta UCA Power and Natural Gas Consumers Panel meeting (Sept); Altalink 'Energizing the Future' Keynote Presentation (Sept); AESO University (Sept); Canadian Resource and Environmental Economics Association Annual Meeting (Oct); Ten Peaks Alliance High School outreach program (Oct); Stanford University (Oct)

2021: University of Calgary Emeriti Association (Jan), Pacific Energy Innovation Association (Feb); Avatar Program (Feb); US Association of Energy Economics, National Capital Area Chapter Annual Conferences (Apr); Canadian Economics Association Annual Conference (June); C.D. Howe Institute (June), UC Berkeley Energy Institute (Oct), Canadian Institute for Climate Choices (Nov), C.D. Howe Institute (Dec)

2020: Canadian Renewable Energy Forum (Nov); Canadian Resource and Environmental Economics Association Annual Meeting (Oct); AESO Economics Excellence Showcase (Sep); Alberta Power Symposium (Sep); Avatar-YPAC Program (July); AESO Economics Seminar Series (June); TWEEDS, Portland (Postponed); POWER Conference, University of California at Berkeley (May); Sustainable Prosperity Institute Annual Symposium, Ottawa (Feb)

2019: Ivey Electricity Workshop, Toronto (Oct); C.D. Howe Energy Council, Toronto (Oct); University of Calgary Environmental Law Society, Calgary (Oct); NBER Electricity Markets and Regulation Workshop, Lake Tahoe (May); Pacific Institute for the Mathematical Sciences (PIMS) Workshop on Mathematical Sciences and Clean Energy Applications, UBC (May); Berkeley Energy Institute, University of California at Berkeley (February)

2018: Toulouse School of Economics, Environmental Economics Seminar (September); World Congress of Environmental and Resource Economists, Gothenburg, Sweden (June); Canadian Economics Association 2018 Annual Conference, Montreal (June)

2017: Canadian Resource and Environmental Economics 2017 Annual Meeting, London (September); Toulouse School of Economics, 11th Conference on the Economics of Energy and Climate Change, Toulouse (June)

2016: Canadian Resource and Environmental Economics 2016 Annual Meeting, Banff (October)

Conference Organization

5th Annual Electricity Camp in the Rockies, University of Calgary, May 2026.

4th Annual Electricity Camp in the Rockies, University of Calgary, May 2025.

3rd Annual Electricity Camp in the Rockies, University of Calgary, May 2024.

2nd Annual Electricity Camp in the Rockies, University of Calgary, May 2023.

1st Annual Electricity Camp in the Rockies, University of Calgary, June 2022. Led the fundraising and organization of inaugural event involving top scholars, policy makers, and practitioners in electricity for a three day workshop on electricity markets and policy.

A conversation on Canada's Hydrogen Potential with Canada's Minister of Natural Resources, School of Public Policy, University of Calgary, December 2020.

Orphan Wells: Cleaning up Alberta's Liability Management Regime, School of Public Policy, University of Calgary, May 2020.

Market Design in Alberta: A roundtable, School of Public Policy, University of Calgary, March 2020. [In-person roundtable postponed. Video webinar convened in lieu.]

The potential for energy storage in Alberta: A roundtable, School of Public Policy, University of Calgary, March 2019. Co-organized a roundtable of expert international panelists and attendees on the potential for energy storage in evolving electricity markets.

Electricity Journalism Workshop, Calgary, May 2018. Co-organized a workshop for journalists to better understand the fundamentals of electricity markets and policy with C.D. Howe Institute, Canada West Foundation and the Pembina Institute.

Integrating renewables into the Alberta electricity market: A roundtable, School of Public Policy, University of Calgary, Sep 2015. Co-organized a roundtable of 40 stakeholders and experts to discuss policy and operational issues related to integrating renewables into the Alberta electricity market.

Invited Workshops

Berkeley Energy Camp, University of California at Berkeley, June 2024, June 2022, Oct 2021, June 2020 (Postponed), June 2019. Invited presenter.

NBER Electricity Markets and Regulation Workshop, Lake Tahoe, May 2019. Invited speaker.

1st Annual Innovation Program of ReDeveLoP, an NSERC-funded program under the CREATE Initiative for the responsible development of low-permeability hydrocarbon resources, University of Calgary, Canada, May 2018. Invited speaker.

An Uncommon Dialogue: North American Hydropower, Stanford Steyer-Taylor Centre for Energy Policy and Finance, Stanford Woods Institute for the Environment, Stanford University, Palo Alto, March 2018. Invited panelist.

Alberta Energy Challenge: An international case competition focussing on the energy sector, University of Alberta, Edmonton, September 2017 (guest speaker). Invited speaker.

Berkeley Summer School in Environmental and Energy Economics, University of California at Berkeley, August 2017. Selected attendee.

IASS Expert workshop on coal power, Institute for Advanced Sustainability Studies, Potsdam, Germany, November 2016. Invited speaker.

Summer Institute on Field Experiments, University of Chicago, July 2015. Selected as one of 20 global scholars to participate in this inaugural workshop organized by Dr. John List.

Teaching

Courses Taught

ECON 429 - Advanced Economics of Electricity Markets (Undergraduate), Winter 2022, Winter 2023, Winter 2025, Winter 2026
 ECON 557 - Advanced Microeconomic Theory (Undergraduate), Fall 2022, Fall 2023, Fall 2024
 PPOL 623 - Public Policy Capstone Course (Masters), 2021-22, 2022-23, 2023-24
 SEDV 633 - Energy and Climate Policy (Masters), Winter 2024
 SEDV 623 - Strategic Environmental Planning for Energy Organizations (Masters), Winter 2021
 PPOL 611 - Energy Transitions and Policy (Masters), Winter 2020, Fall 2020
 ECON 329 - Economics of Electricity Markets (Undergraduate), Fall 2019, Winter 2021
 ECON 373 - Game Theory (Undergraduate), Spring 2018 (**awarded Department of Economics Graduate Student Teaching Award*)

Student Supervision

Doctoral students

2025 Juan Fercovic (Economics, UBC; PhD External Examiner)
2024 Zuming Sun (Mathematics; PhD Examiner)
2023– Abena Darkwah (Economics; Committee Member)
2023– Shafie Bahman (Electrical Engineering; Committee Member)
2022– Ali Niazi (Economics; Principal Supervisor)
2021– Mallika Sharma (Economics; Principal Supervisor)
2021– Leonard Olien (Mathematics; Committee Member)

Masters students

2025: Chetan Saha (MSc)
2023: Sana Ahmadkhani (MA), Lillian Le (MPP), Mariia Kursaeva (MPP), Keaton Lechelt (MSc)
2022: Aviv Fried (MPP), Christopher Nishiyama (MPP), Anna Goplen (MPP), Kristina Pearson (MSc); Andrew Couch (MSc)
2021: Carlo Magnaye (MPP), Ryan Dormer (MPP), Aaraby Mohanathas (MSc), Kayla Brehon (MSc)
2020: Nicholas Schumacher (MPP), Brenda Flores (MPP), Jordan Neff (MPP), Kiana Goddard (MSc), Sounderya Venkatesan (MSc)

Service and Associations

Editorial Positions

Co-Editor, *Resource and Energy Economics*, 2020–2024
 Section Editor, *School of Public Policy Publications*, 2022–2024

Referee Service

American Economic Review (2); American Economic Review: Insights (2); American Economic Journal: Economic Policy (4); Economic Journal; Journal of Public Economics (3); Journal of Political Economy: Microeconomics; Journal of the Association of Environmental and Resource Economists (4); Journal of Environmental Economics and Management (4); Resource and Energy Economics (2); The Review of Economics and Statistics; Energy Economics (4); The Energy Journal (4); Energy Policy (2); Nature Energy (2); Utilities Policy; Joule; One Earth; Journal of the European Economic Association; International Journal of Industrial Organization; Journal of Behavioral and Experimental Economics; Economic Inquiry; Canadian Public Policy (5); University of Calgary School of Public Policy; C.D. Howe Institute; Ecofiscal Commission; Electric Policy Research Institute; Canadian Climate Institute

Memberships

Canadian Economics Association (CEA), Canadian Resource and Environmental Economics Association (CREEA), American Economics Association (AEA), Association of Environmental and Resource Economics (AERE), International Association for Energy Economics (IAEE)

Committee Service

Dept of Economics, Research Activities Committee, UCalgary, 2021-22, 2022-23, 2023-24, 2024-25
Dept of Economics, Head's Advisory Committee, UCalgary, 2020-21, 2021-22
Dept of Economics, Graduate Program Committee, UCalgary, 2020-21
Dept of Economics, Graduate Admissions Selection Committee, UCalgary, 2020-21
Dept of Economics, Microeconomics Field Committee, UCalgary, 2021-22; 2022-23
Dept of Economics, Distinguished Lecture Organizing Committee, UCalgary, 2021-22; 2022-23
Faculty of Graduate Studies, Scholarship Adjudication Committee, UCalgary, 2022-23, 2023-24, 2024-25
Hiring Committee, School of Public Policy, UCalgary, 2022, 2023
Hiring Committee, CERC Hydrogen Chair, UCalgary, 2022
Hiring Committee, Electrical Engineering, UCalgary, 2021
IAEE 2029 Global Conference, Calgary Bid Committee, 2022-23

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