

**Anindya Sen**  
Department of Economics  
University of Waterloo  
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## **EDUCATION**

1992 Ph.D., Economics, University of Toronto.  
1993 M.A., Economics, Concordia University  
1990 B.A. (Hons.), Economics, University of Delhi

## **EMPLOYMENT**

### **University of Waterloo**

June 2014 to Present: Professor of Economics  
Sept. 2005 to May 2014: Associate Professor of Economics (with tenure), University of Waterloo  
Sept. 1999 to May 2005: Assistant Professor of Economics, University of Waterloo

### **Other**

June 1998 - Aug. 1999: Economist, Competition Bureau, Federal Government of Canada

## **ADMINISTRATIVE RESPONSIBILITIES**

Acting Associate Dean of Co-op and Planning, Faculty of Arts 2021-2022  
Director, Master of Public Service Program 2015 -  
Associate Chair of Graduate Studies, Department of Economics 2011-2015

## **AWARDS & HONORS**

Research Fellow, C.D. Howe Institute of Canada  
University of Waterloo Distinguished Teaching Award, 2014  
University of Waterloo Faculty Outstanding Performance Award for contribution to Teaching & Scholarship, 2010, 2013, 2016, and 2019  
Distinguished Teacher of the Year Award, 2004; given by the students of the Economics Society.  
Nominee, University Distinguished Teacher of the Year Award, 2004

## **PROFESSIONAL AFFILIATIONS**

Member, Waterloo Cybersecurity and Privacy Institute (CPI)  
Member, Waterloo Artificial Intelligence (AI) Institute  
Member, Waterloo Institute for Sustainable Energy (WISE)

## **RESEARCH GRANTS**

### **External**

Principal Investigator, “Using Machine Learning to Estimate Customer Relationship Models (CRM)”, Mitacs Research Grant (\$15,000), 2020-2021

Principal Investigator, “Using Artificial Intelligence to Construct an Integrated Data Platform for Covid-19 Cases”, Mitacs Research Grant (\$45,000). 2020-2021

Co-Investigator with Leatherdale, S.T., (PI), de Groh, M., Costello, J., Laxer, E., Maginn, D., Bélanger, R., Carson, V., Chaput, J.P., Cole, A., Cook, R., Dobbins, M., Dubin, J., Faulkner, G., Ferro, M., Georgiadis, K., Haddad, S., Patte, K., Sabiston, C., Sen, A., Wade, T. “Evaluating the impact of local, provincial, and national cannabis policies among youth in the COMPASS system”, Partnerships for Cannabis Policy Evaluation, Canadian Institutes of Health Research (\$420,000.00), 2020-2023

Principal Investigator (with Joel Blit and Horatiu Rus), “Using Crowd Sourced Data to Estimate the Likelihood of Local Instability”, Research Grant from the Premise Corporation (\$20,000), 10/19 – 10/20

Co-Investigator with Tao Chen, “Estimating a Structural Model of Crime”, SSHRC Insight Development Grant (\$44,850), Principal Investigator Phil Curry, 06/16 – 06/19

Co-Investigator, “Canadian Partnership on Public Policy-Oriented Consumer Interest Research”, SSHRC Partnership Development Grant, (\$200,000), 06/14 – 06/17

Principal Investigator (with Emma Pierard), “Maternal Smoking, Infant Birth Weight, and Cigarette Taxes”, SSHRC Standard Research Grant, (\$30,000), 07/07 – 07/09

Co-investigator, “Improving Access to Canadian Smoking Data”, Canadian Tobacco Research Initiative, (\$1,500,000). 08/04-08/09

Co-Investigator, “Improving the Population Impact of Telephone Counselling for the Treatment of Smoking”, Heart and Stroke Foundation, (\$1,209,618) 08/01-06/06.

### **Internal**

Principal Investigator, “Organizing a Conference on Data, Privacy, & Statistical Modeling for COVID-19”, Research Grant from the Waterloo Cybersecurity & Privacy Institute (CPI), \$20,000, 2020-2021

Principal Investigator (with Joel Dube and Cecile Proust-Lima), “Using Machine Learning to Determine Factors Responsible for Hospital Readmission from Heart Disease”, Research Grant from the University of Waterloo- University of Bordeaux Joint AI Initiative (\$20,000), 06/20 – 10/21

Internal SSHRC 4A Award (\$5,000), 2006-2007

CBRPE Faculty Award (\$20,000), 2001-03

New Faculty Research Award (\$5,000), University of Waterloo, 2000

### **Publications**

Jalali N., Tran N.K., Sen A., and P.P. Morita (2022). “Identifying the Socioeconomic, Demographic, and Political Determinants of Social Mobility and Their Effects on COVID-19 Cases and Deaths: Evidence From US Counties.” *JMIR Infodemiology* 2(1):e31813  
doi: 10.2196/31813.

Stevens, Nathaniel T., Sen, Anindya, Kiwon, Francis, Morita, Plinio P., Steiner, Stefan H., and Qihuang Zhang, forthcoming. “Estimating the Effects of Non-Pharmaceutical Interventions and Population Mobility on Daily COVID-19 Cases: Evidence from Ontario”, *Canadian Public Policy*

Sen, Anindya, forthcoming. “Using Google Data to Estimate the Effects of Regional Mobility on Daily COVID-19 Cases: Evidence from Ontario Public Health Units.” *Canadian Journal of Regional Science*

Sen, Anindya and Mahdiyeh Entezarkheir, “Market Value, Market Share, and Mergers: Evidence from a Panel of U.S. Firms”, *Managerial and Decision Economics*, 39(4), June 2018, pp. 498-511.

Sen, Anindya and Kate Rybczynski, “Employment Effects of the Minimum Wage: Panel Data Evidence from Canadian Provinces”, *Contemporary Economic Policy*, 36(1), January 2018, pp. 116-135.

Sen, Anindya, “Peak Power Problems: How Ontario’s Industrial Electricity Pricing System Hurts Consumers”, *The Electricity Journal*, 30(1), January–February 2017, pp. 62–67.

Chen, Zhiqi, Horatiu A. Rus and Anindya Sen, "Border Effects Before and After 9/11: Panel Data Evidence Across Industries", *The World Economy*, 39(10), 2016, pp. 1455–1672 (LEAD ARTICLE).

Sen, Anindya, (2016) “Is Retail Alcohol Deregulation Correlated with more Crime and Traffic Injuries? Evidence from Canadian Provinces”, *Canadian Journal of Criminal Justice*, 58(2), April 2016, pp. 251-286.

Sen, Anindya, George Orlov and Phil Curry. “Estimating the effects of more police officers on crime: cross-province and time-series evidence from Canada.” *Canadian Journal of Economics*, 49(2), May 2016, pp. 481-514.

Bauer, Andrew M. and Macnaughton, Alan and Sen, Anindya, “Income Splitting and Anti-Avoidance Legislation: Evidence from the Canadian 'Kiddie Tax’”, *International Tax and Public Finance*, 22(6), pp. 909-931.

Sen, Anindya, Ariizumi, Hideki, and Natasha De Sousa, “How Do We Reward Ourselves? Evidence on the Returns to Publications”, 40(1), *Canadian Public Policy*, March 2014, pp. 1-14.

Packelen, Mikko, and Anindya Sen, “Static and Dynamic Merger Effects: A Market Share Based Empirical Analysis”, *International Review of Law and Economics*, 2013, 36(1), pp. 12–24.

Sen, Anindya & Hideki Ariizumi, “Teen Families, Welfare Transfers, and the Minimum Wage: Evidence from Canada”, *Canadian Journal of Economics*, 2013, 46(1), pp. 338-360.

Sen, Anindya, Anthony Clemente, and Linda Jonker, “Retail Gasoline Price Ceilings and Regulatory Capture: Evidence from Canada”, *American Law & Economics Review*, 13(2), 2011, pp. 532-564.

Choi, Wai Hong, Sen, Anindya & Adam White, “Response of Industrial Customers to Hourly Pricing in Ontario’s Deregulated Electricity Market”, *Journal of Regulatory Economics*, 40(3), 2011, pp. 303-323.

Sen, Anindya and with Emmanuelle Pierard, “Estimating the Effects of Cigarette Taxes on Birth Outcomes”, *Canadian Public Policy*, 37(2), 2011, pp. 257-276.

Rybczynski, Kathleen, Sen, Anindya & Corey Van De Waal, “Teen Employment, Poverty, and the Minimum Wage: Evidence from Canada”, *Labour Economics*, 18(1), 2011, pp. 36-47.

Sen, Anindya and Nafeez Fatima, “Do Lower Cigarette Taxes Increase Smoking? Evidence from the Canadian National Experiment”, *Canadian Tax Journal*, 59(2), 2011.

Sen, Anindya and Tony Wirjanto “Estimating the Impact of Cigarette Taxes on Youth Smoking Participation, Initiation, and Persistence: Evidence from Canada”, *Health Economics*, 9(11), 2010, pp. 1264-1280.

Sen, Anindya and Peter Townley, “Estimating the Impacts of Outlet Rationalization on Retail Prices, Industry Concentration, and Sales: Empirical Evidence from Canadian Gasoline Markets”, *Journal of Economics and Management Strategy*, 19(3), 2010, pp. 605-633.

Sen, Anindya with Mahdiyeh Entezarkheir and Alan Wilson, “Obesity, Smoking, and Cigarette Taxes: Evidence from the Canadian Community Health Surveys”, *Health Policy*, 97, 2010 pp.180–186.

Sen, Anindya with Hideki Ariizumi and Daciana Driambe, “Do Changes In Cigarette Taxes Impact Youth Smoking? Evidence From Canadian Provinces”, *Forum of Health Economics and Policy*, 13(2), 2010.

Sen, Anindya and Anthony Clemente, “Intergenerational Correlations in Educational Attainment: Birth Order and Family Size Effects from Canada”, *Economics of Education Review*, 29(1), 2010, pp. 147 – 155.

Sen, Anindya, “Estimating the Impacts of Household Behavior on Youth Smoking: Evidence from Ontario, Canada”, *Review of Economics of the Household*, 7(2), 2009, pp. 189-218.

Sen, Anindya and May Luong, “Estimating The Impact Of Beer Prices On The Incidence Of Sexually Transmitted Diseases: Cross-Province And Time Series Evidence From Canada”, *Contemporary Economic Policy*, 2008, 26(4), pp. 505-517.

Sen, Anindya, “Does Increased Abortion Lead to Lower Crime? Evaluating the Relationship between Crime, Abortion, and Fertility”, *The B.E. Journal of Economic Analysis & Policy*, 7(1) (Topics), 2007.

Sen, Anindya and Brent Mizzen, “Estimating the Impact of Seat Belt Use on Traffic Fatalities: Empirical Evidence from Canada”, *Canadian Public Policy*, 33(3), 2007, pp. 315-336.

Sen, Anindya, “Does Increasing the Market Share of Smaller Firms Result in Lower Prices?”, *Review of Industrial Organization*, 26(4), 2005, pp. 371-389.

Sen, Anindya, “Do Stricter Penalties or Media Publicity Reduce Alcohol Consumption by Drivers?”, *Canadian Public Policy*, 31(4), 2005, pp. 359-379.

Sen, Anindya, “Is Health Care a Luxury? New Evidence from OECD Data”, *International Journal of Health Care Finance and Economics*, 5(2), 2005, pp 147-164.

Gruber, Jonathan, Sen, Anindya, and Mark Stabile, “Estimating Price Elasticities When there is Smuggling: The Sensitivity of Smoking to Price in Canada”, *Journal of Health Economics*, 22(5), 2003, pp. 821-42.

Sen, Anindya, “Higher Prices at the Gas Pump: International Crude Oil Price Fluctuations or Local Market Concentration? An Empirical Investigation”, *Energy Economics*, 25(3), 2003, pp. 269-88.

Sen, Anindya and Ted Mallett, “Does Local Competition Impact Interest Rates Charged on Small Business Loans? Empirical Evidence from Canada”, *Review of Industrial Organization*, 19(4), 2001, pp.435- 450.

Sen, Anindya, “An Empirical Test of the Offset Hypothesis”, *Journal of Law and Economics*, 44(2), 2001, pp.481-510.

Sen, Anindya, “Do Stricter Penalties Deter Drinking and Driving? An Empirical Investigation of Canadian Impaired Driving Laws”, *Canadian Journal of Economics*, 34(1), 2001, pp. 149-164.

Sen, Anindya, Ted Mallett, and Ruma Sondhi, “Jury Still Out on Internet Benefits: More Branches Keep Bank's Loan Rates Low”, *Canadian Business Economics* 8(3), February 2001, pp.21-29.

## **PUBLICATIONS RELEASED BY THE C.D. HOWE INSTITUTE**

Sen, Anindya and Rosalie Wyonch (2018), “Cannabis Countdown: Estimating the Size of Illegal Markets and Lost Tax Revenue Post-Legalization”, available at <https://www.cdhowe.org/public-policy-research/cannabis-countdown-estimating-size-illegal-markets-and-lost-tax-revenue-post-legalization>.

Sen, Anindya (2017), “Smokes, Smugglers and Lost Tax Revenues: How Governments Should Respond”, available at <https://www.cdhowe.org/public-policy-research/smokes-smugglers-and-lost-tax-revenues-how-governments-should-respond>.

Sen, Anindya (2016) “The Increasing Costs of Apathy towards Marijuana Legalization”, available at <https://www.cdhowe.org/intelligence-memos/anindya-sen-increasing-costs-apathy-towards-marijuana-legalization>.

Sen, Anindya (2016), “Joint Venture: A Blueprint for Federal and Provincial Marijuana Policy”, available at <https://www.cdhowe.org/our-people/anindya-sen>.

Sen, Anindya (2015), “Peak Power Problems: How Ontario’s Industrial Electricity Pricing System Impacts Consumers”, available at <https://www.cdhowe.org/our-people/anindya-sen>.

Sen, Anindya and Paul Masson (2014), “Uncorking a Strange Brew: The Need for More Competition in Ontario's Alcoholic Beverage Retailing System”, available at <https://www.cdhowe.org/uncorking-strange-brew-need-more-competition-ontarios-alcoholic-beverage-retailing-system>.

## **MEDIA COVERAGE OF RESEARCH AND OP-EDS**

“Why is Canada running out of marijuana?” by Jessica Murphy, published by BBC News and available at <https://www.bbc.com/news/world-us-canada-46200873>.

"Without easy retail access to cannabis the black market will thrive" with Rosalie Wyonch, published by the Globe and Mail and available at <https://www.theglobeandmail.com/opinion/article-without-easy-retail-access-to-cannabis-the-black-market-will-thrive/?cmpid=rss>.

“The main high from Canada’s cannabis legalisation is financial”, published by The Economist and available at <https://www.economist.com/the-americas/2018/10/13/the-main-high-from-canadas-cannabis-legalisation-is-financial>.

“Marijuana becomes legal in Canada on Wednesday, but barriers remain for consumers” by Alan Freeman, published by the Washington Post and available at [https://www.washingtonpost.com/world/the\\_americas/marijuana-becomes-legal-in-canada-on-wednesday-but-barriers-remain-for-consumers/2018/10/16/2a1627b4-d0bf-11e8-a4db-184311d27129\\_story.html?noredirect=on&utm\\_term=.d1850ea51db5](https://www.washingtonpost.com/world/the_americas/marijuana-becomes-legal-in-canada-on-wednesday-but-barriers-remain-for-consumers/2018/10/16/2a1627b4-d0bf-11e8-a4db-184311d27129_story.html?noredirect=on&utm_term=.d1850ea51db5).

“Legal cannabis supply to meet 30 to 60 per cent of demand: C.D. Howe report” by Armina Ligaya, published by the Financial Post and available at <https://business.financialpost.com/pmn/commodities-business-pmn/agriculture-commodities-business-pmn/legal-cannabis-supply-to-meet-30-to-60-per-cent-of-demand-c-d-howe-report>.

“Legal cannabis supply will only meet 30 to 60 per cent of demand: study” by the Canadian Press, available at <https://www.ctvnews.ca/business/legal-cannabis-supply-will-only-meet-30-to-60-per-cent-of-demand-study-1.4123522>.

“Evidence shows immigrants will get fewer jobs as Ontario ratchets up minimum wage to \$15” commentary published by the Financial Post and available at <https://business.financialpost.com/opinion/evidence-shows-immigrants-will-get-fewer-jobs-as-ontario-ratchets-up-minimum-wage-to-15>.

“Now it's considered 'fear mongering' to show how \$15 minimum wages hurt workers”, by Charles Lamman, Hugh MacIntyre and David Hunt, published by the Financial Post, and available at <https://business.financialpost.com/news/privatize-marijuana-sales-to-avoid-conflict-of-interest-between-public-health-and-profit-c-d-howe-says-in-letter-to-bill-blair>.

“Ontario makes a hash of marijuana retail distribution”, with Rosalie Wyonch, published by the Globe and Mail and available at <https://www.theglobeandmail.com/report-on-business/rob-commentary/ontario-makes-a-hash-of-marijuana-retail-distribution/article36216587/>.

“Ottawa, provinces must not let marijuana tax debate overshadow policy priorities”, with Rosalie Wyonch, published by the Globe and Mail and available at <https://www.theglobeandmail.com/opinion/ottawa-provinces-must-not-let-marijuana-tax-debate-overshadow-policy-priorities/article36497367/>

“Privatize marijuana sales to avoid conflict of interest between public health and profit, C.D. Howe says in letter to Bill Blair”, by Sunny Freeman, published by the Financial Post and available at <https://business.financialpost.com/news/privatize-marijuana-sales-to-avoid-conflict-of-interest-between-public-health-and-profit-c-d-howe-says-in-letter-to-bill-blair>.

“Federal pot report still leaves a lot of haze in the air”, commentary published by the Financial Post and available at <http://business.financialpost.com/fp-comment/anindya-sen-federal-pot-report-still-leaves-a-lot-of-haze-in-the-air>.

“The Increasing Costs of Apathy towards Marijuana Legalization”, commentary released by the C.D. Howe Institute and available at <https://www.cdhowe.org/intelligence-memos/anindya-sen-increasing-costs-apaty-towards-marijuana-legalization>.

“High Standards: A Blueprint for the Marijuana Market in Canada, ”, commissioned by the C.D. Howe Institute and profiled in Globe and Mail (<http://www.theglobeandmail.com/news/politics/marijuana-laws-should-vary-by-province-report-says/article29684075/>)

‘Ontario unveils more red tape with its ‘Byzantine beer-selling regime’, by Marcus Gee, published by The Globe and Mail, Tuesday, Dec. 15, 2015, available at <http://www.theglobeandmail.com/news/toronto/ontario-unveils-more-red-tape-with-its->

[byzantine-beer-selling-regime/article27776478/](http://www.theglobeandmail.com/business/beer-selling-regime/article27776478/)

‘Deep-6 the High-5 Ontario electricity program’, by Ben Dachis and Anindya Sen, published by the Financial Post, July 24, 2015, available at <http://business.financialpost.com/fp-comment/deep-6-the-high-5-electricity-program>

‘Changes to Beer Store won't help consumers’, by Anindya Sen, published by the Toronto Star, Wed Apr 22 2015, available at <http://www.thestar.com/opinion/commentary/2015/04/22/changes-to-beer-store-wont-help-consumers.html>.

‘Big brewers’ Ontario monopoly threatened’, by Adrian Morrow published by The Globe and Mail Thursday, Jan. 22, 2015, available at <http://www.theglobeandmail.com/news/national/a-profitable-business-for-big-brewers/article22598895/>

‘What’s a private retail monopoly worth? In the case of the Beer Store, about \$400-million’, by Adrian Morrow, published by The Globe and Mail on Thursday, Jan. 22, 2015, available at <http://www.theglobeandmail.com/news/national/whats-a-private-retail-monopoly-worth-in-the-case-of-the-beer-store-396-million/article22599833/>.

‘Beer and wine in Ontario: Will consumers prevail?’ by Benjamin Dachis and William Robson, published by The Globe and Mail Thursday, Aug. 28, 2014, available at <http://www.theglobeandmail.com/opinion/beer-and-wine-in-ontario-will-consumers-prevail/article20231633/>

‘Wynne wants Ontario to keep booze monopoly, but report says consumers would pay less if system changed’, published by the National Post, August 22, 2014, available at <http://news.nationalpost.com/news/canada/canadian-politics/wynne-wants-ontario-to-keep-booze-monopoly-but-report-says-consumers-would-pay-less-if-system-changed>.

‘Beer Store rejects claims of high beer prices in Ontario’, by Jeff Gray, published by The Globe and Mail on Wednesday, Aug. 20, 2014 available at <http://www.theglobeandmail.com/report-on-business/beer-store-refutes-cd-howe-reports-claim-of-high-prices-in-ontario/article20145446/>.

‘Time for Queen’s Park to open up beer and wine sales’, by Paul Masson and Anindya Sen, published by The Toronto Star, Wed Aug 20 2014, available at [http://www.thestar.com/opinion/commentary/2014/08/20/time\\_for\\_queens\\_park\\_to\\_open\\_up\\_beer\\_and\\_wine\\_sales.html](http://www.thestar.com/opinion/commentary/2014/08/20/time_for_queens_park_to_open_up_beer_and_wine_sales.html).

‘Mixed reaction on expected minimum wage hike’, by Madhavi Acharya-Tom Yew, published by the Toronto Star on Tue Jan 28 2014 available at [http://www.thestar.com/business/2014/01/28/mixed\\_reaction\\_on\\_expected\\_minimum\\_wage\\_hike.html](http://www.thestar.com/business/2014/01/28/mixed_reaction_on_expected_minimum_wage_hike.html).

‘Time to liberate our beer from The Beer Store: Cohn’, by Martin Regg Cohn, published by The



Toronto Star, Sat Dec 21 2013, available at [http://www.thestar.com/news/queenspark/2013/12/21/time\\_to\\_liberate\\_our\\_beer\\_from\\_the\\_beer\\_store\\_cohn.html](http://www.thestar.com/news/queenspark/2013/12/21/time_to_liberate_our_beer_from_the_beer_store_cohn.html).

‘Beer Store profits \$700M yearly from near monopoly, study finds’, published by CBC, Aug 12, 2013, available at <http://www.cbc.ca/news/canada/toronto/beer-store-profits-700m-yearly-from-near-monopoly-study-finds-1.1382689>.

‘Star editorial: Every study supports ending the LCBO monopoly’, published by The Windsor Star, July 16, 2013, and available at <http://windsorstar.com/uncategorized/star-editorial-every-study-supports-ending-the-lcbo-monopoly>.

‘Private alcohol retailers: more for provincial coffers’, Globe and Mail Editorial, published on Sunday, Jul. 07, 2013, available at <http://www.theglobeandmail.com/opinion/editorials/private-alcohol-retailers-more-for-provincial-coffers/article13046224/>.

‘Expanded booze sales good for consumers and government, study finds’, by Richard J. Brennan, published by The Toronto Star, Mon Jun 24 2013, available at [http://www.thestar.com/news/canada/2013/06/24/expanded\\_booze\\_sales\\_good\\_for\\_consumers\\_and\\_government\\_study\\_finds.html](http://www.thestar.com/news/canada/2013/06/24/expanded_booze_sales_good_for_consumers_and_government_study_finds.html).

## **PRESENTATION OF RESEARCH**

### **At Conferences**

International Industrial Organization Society Meetings, 2013; Canadian Public Economics Study Group, 2013, 2011; Society of Labor Economists, 2011; Canadian Economics Association Meetings, 2018, 2016, 2015, 2013, 2012, 2009, 2007, 2006, 2005, 2004, 2003, 2002; Canadian Health Economics Study Group, 2008; Interdisciplinary Conference Sponsored by the National Cancer Institute of Canada, University of Waterloo, 2001; Canadian Law and Economics Association Meeting, 2012, 2009, 2003, 2000, 1999; International Health Economics Association Meetings, 2001; International Business and Economics Society Meetings, 1999; Canadian Transport Research Forum Meetings, 1999.

### **Invited Presentations at Universities**

2021 Waterloo AI Institute, University of Waterloo  
2018 Institute of Research on Public Policy, McGill University  
2016 Wilfrid Laurier University  
2010 University of Guelph  
2009 University of Windsor, Carleton University  
2007 McMaster University, University of Toronto, York University  
2005 University of Western Ontario  
2004 University of Guelph, McMaster University.  
2001 Ryerson University, York University, University of Toronto, University of Western

Ontario.

## **GRADUATE SUPERVISION**

### **PhD**

Ghazal Memartoulie, “Essays in Electricity Restructuring in Ontario”, Primary Supervisor, Summer 2018.

Hang Gao, “Essays in Education and Labour Economics”, Primary Supervisor, Summer 2017.

Mohammad Ghaziasagar, “Consumption and Savings: Evidence from the Surveys of Household Savings.” Co-Supervisor, summer 2016.

Behnoush Amery, “Essays in Education, Signaling, and Consumption.” Primary Supervisor, Summer 2015.

Mauricio Zelaya, “Essays in Political Regime Transitions, Economic Growth, and Foreign Direct Investments.” 2014, Primary Supervisor

Wai Hong Choi, “Essays in Retail Competition and Prices.”, 2013, Primary Supervisor

Mahdiyeh Entezarkheir, “Essays on Innovation, Patents, and Econometrics”, 2010. Committee Member

Andrew Bauer, “Internal Control Quality as an Explanatory Factor of Tax Avoidance”, 2011. Committee Member.

Yutao Li, “Accounting Conservatism and the Consequences of Covenant Violations”, 2011. Committee Member

### **MA Major Research Paper (Economics)**

Josh Osika, “Health Differences between Northern and Southern Ontario”, 2014

Samantha St. Amand, “The Internet and Cross-Country Trends in Sexual Crimes”, 2013

Brian Stewart, “Self-Reported Happiness and Government Spending: Evidence from Pooled Cross-Sections”, 2013

Sina Kabjaf, “Business Cycles and Trends in Media Use”, 2011.

Jason Chang, “Minimum Wage and Youth Employment”, 2008.

### **Masters of Public Service Major Group Research Paper**

Bina Patel, Emma Kaplan, Jana George, Lakshmi Raju, Walt Olsen, “An Analysis of the Gender Wage Gap in STEM fields”, 2020.

Melvin Christopher, Peter Clarke, Lakshmi Ganesan, Sharon Kowalski, Tamah Mondesire-Grant, & Ali Raza, “Comparing Cannabis Distribution Models in Ontario”, 2019.

Angela Butron, Kevin Gerlach, Harleen Kahlon Jasjeet Kaler, Sunaina Kapalli, and Jing Jing Xu, “An Analysis of Potential Revenue Options for Ontario Municipalities”, 2019.

Raquel Damiao, Timothy Dawson, Pierre Devuyst, Michail Dubinskij, Aamir Hajeeyani, and Eric Pemberton, “How the Government Can Help Canadian Start-ups Access Capital”, 2020.

Rabab Ansari Fatima, Harpreet Degan, Hanah Itner, Stephanie Rempel, Prasanthi Selvakumar, and Christie Wong, “Integrated Services - The Fiscal Viability of Co-location”, 2018.

Martin Asling, Jawid Hasan, Chris Hong, Masud Kabir, Cody LeBlanc, and Shirqille Tisi, “The Implications of Inclusionary Zoning on Housing Affordability in the Greater Toronto Area (GTA)”, 2018.

Naomi Codrean, Aleksandr Eng, Adam Harding, Jessica Loughrin, Nico McGowan, Francesco Vergari, “Sugar Sweetened Beverage and Consumption Reduction Strategies”, 2018.

Fowzi Hersi, Ashanth Sivakumar, Raj Sohal, Aghil Aji, and Jason Heo, “Kinder Surprise A Policy Analysis on Trans Mountain Expansion Project for National Decision Makers”, 2017.

Lana Nolan-Bolton, Harpreet Rai, Ritu Brar, Beverly Leung, and Ali Duncan, “‘Granting’ Free Tuition: Analyzing the 2017-2018 Ontario Student Grant Changes”, 2017.

Ron Mustafa, Matt Douglas, Matt Kurtcu, Scott McGeown, and Rob Saavedra, “A Cost-Benefit Analysis: Tory Tolls - Examining Road-Tolls on the DVP and Gardiner Expressway”, 2017.

Michelle D’Sa, Curtis Hoff, Carleigh Jackson, and Sean Peterson, “Too Much Cheddar? An Analysis of the Impact of CETA on the Canadian Dairy Industry Team Members”, 2016.

Edward Cabrera, Keegan Filion, Jordan Hughes, Nick Petroff, Jerry Tong, “Ontario’s Global Adjustment and the Impacts of Renewable Energy Initiatives: What Goes Up, Must Come Down”, 2016.

Julia Ali, Trevor Anderson, Michelle Sandler, and Skyler M. Warren, “Lessons for Ontario’s Proposed Cap and Trade Program”, 2016.

Deidre Beintema, Tara Bucholtz, Nicci Frantz & Whitney Philippi, “The Buck Stops Where: A Report on the Canada-U.S. Price Gap”, 2015.

George Boshnakis, Daniel Hann, Bradley Merklinger, Henry Wong “A Collision Course in Fairness: Ontario’s Auto Insurance System”, 2015.

Khanh Dang, Joshua Murray, Aishah Butt, and John Johnston “Smart Growth Implementation”, 2014.

Zenia Ferreira, Alexa Maxwell, Elizabeth Philips, Julia Turkheim, Jessie Xiong, “The Canadian Skills Gap”, 2014.

Tracy Suerich, Wang Weigang, Irfan Gova, and Ashish Sharma, “Old Age Security in Canada”, 2013.

Thomas Barakat, Mir Islam, Andrea Peebles, Daniel Prelipcean, Jianming Yao, “International Education and Skilled Immigration in Canada: A Comparative Approach”, 2013.

Kayla McKinnon, Matthew Johnson, Amy Ross, Brady Olsen, “An Exploration of Priority Care for Ontario’s Seniors”, 2012.

Stephanie Lake, Shoaib Mirza, Kate Ryan, Harmony Sluiman, “Exploring the Determinants of Youth Crime”, 2012.

Alexandra Hick, Lise Kay and Ben Schnitzer, “Regulatory Reform and the Provision of Public Goods”, 2012.

Alana Del Greco, Dima Omar; Sinan Mohatarem, Jessica Mok, “Ontario’s Healthcare System Future: Policy Implications Associated with the Continuing Physician Shortage”, 2012.

Ashfaque Ahmad, Patience Mensah, “Child Care in Ontario”, 2011.

## **SERVICE**

### **Departmental**

Associate Chair of Graduate Studies, 2011-2015

Recruiting Committee, 2010

Promotions and Tenure Committee, 2008-2010 & 2020-2021

Director, Seminar Series, 2000-01, 2003-04

Member, Graduate Committee, 2012, 2011, 2010, 2009, 1999-2005 – part of committee that designed and introduced the Ph.D. program

Member, Undergraduate Committee, 2008

### **Faculty**

Co-Chair, Faculty Committee on Governance, Strategic Arts Plan

Member, Faculty Task Force to evaluate initiatives that might improve the employment potential of graduate students in Arts.

Member, Faculty of Arts Honours & Awards Committee

Director, Master of Public Service Program 2015-

Member, Faculty of Arts Task Force on Teaching, 2012-2013

Member, Committee that designed Masters of Public Service program

### **Professional**

**Journal Referee (about 30 articles over past five years)**

Journal of Political Economy, Economic Journal, National Tax Journal, Energy Journal, Energy Economics, Canadian Journal of Economics, Journal of Health Economics, Journal of Public Economics, Review of Industrial Organization, Journal of Risk and Insurance, Economic Inquiry, Social Science and Medicine, Journal of Policy Analysis and Management, Contemporary Economic Policy, Southern Economic Journal, Canadian Public Policy, Journal of Human Resources, Health Policy.

**Other (past five years)**

Member, Advisory Expert Panel on Review of Alberta's Minimum Wage  
External Evaluator of several doctoral dissertations at different universities