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DATE OF BIRTH April 1st 1969

PLACE OF BIRTH Saskatoon, Canada

EMPLOYMENT

July 2005 to present: Associate Professor of Economics, University of Waterloo

Sept. 2002 to present: Affiliated Research Scientist, Center for Behavioral Research and
Program Evaluation, Faculty of Health Sciences, University of Waterloo

Sept. 1999 – June 2005: Assistant Professor of Economics, University of Waterloo

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

EDUCATION

1998 Ph.D., Economics, University of Toronto.

1992 M.A., Economics, Concordia University

1990 B.A. (Hons.), Economics, University of Delhi

AWARDS

- Distinguished Teacher of the Year Award, 2004; given by the students of the Economics Society.
- Nominee, University Distinguished Teacher of the Year Award, 2004

GRANTS

External

- 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

- Internal SSHRC 4A Award (\$5,000), 2006-07
- CBRPE Faculty Award (\$20,000), 2001-03
- New Faculty Research Award (\$5,000), University of Waterloo, 2000

RESEARCH INTERESTS

Health Economics, Industrial Organization

PUBLISHED RESEARCH

Public & Health Economics

“Estimating the impact of cigarette taxes on youth smoking participation, initiation, and persistence: evidence from Canada.”, with Tony Wirjanto, forthcoming, *Health Economics*

“Intergenerational correlations in educational attainment: birth order and family size effects from Canada.”, with Anthony Clemente, forthcoming, *Economics of Education Review*

“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.

“Estimating the impact of beer prices on the incidence of sexually transmitted diseases: cross-province and time series evidence from Canada.”, with May Luong, *Contemporary Economic Policy*, 26(4), 2008, pp. 505-517

“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.

“Estimating the impact of seat belt use on traffic fatalities: empirical evidence from Canada.”, with Brent Mizzen, *Canadian Public Policy*, September 2007.

“Do stricter penalties or media publicity reduce alcohol consumption by drivers?”, *Canadian Public Policy* 31(4), December 2005.

“Is health care a luxury? new evidence from OECD data”, *International Journal of Health Care Finance and Economics* 5(2), June 2005, pp. 147-164.

“Estimating price elasticities when there is smuggling: the sensitivity of smoking to price in Canada.”, with Jonathan Gruber and Mark Stabile, *Journal of Health Economics* 22(5), September 2003, pp. 821-42.

“An empirical test of the offset hypothesis”, *Journal of Law and Economics* 44(2), October 2001, pp.481-510.

“Do stricter penalties deter drinking and driving? An empirical investigation of Canadian impaired driving laws”, *Canadian Journal of Economics* 34(1), February 2001, pp. 149-164.

“Will stricter penalties deter drunk driving?”, *Policy Options* 20(7) 1999, pp. 54-57.

Industrial Organization

“Estimating the impacts of outlet rationalization on retail prices, industry concentration, and sales: empirical evidence from Canadian gasoline markets, forthcoming, with Peter Townley, *Journal of Economics and Management Strategy*

“Does increasing the market share of smaller firms result in lower prices?”, *Review of Industrial Organization*, 26(4), 2005, pp. 371-389.

“Higher prices at the gas pump: international crude oil price fluctuations or local market concentration? An empirical investigation.”, *Energy Economics*, vol. 25, no. 3, May 2003, pp. 269-88.

“Does local competition impact interest rates charged on small business loans? Empirical evidence from Canada”, with Ted Mallett, *Review of Industrial Organization*, 19(4), December 2001, pp.435- 450.

“Jury still out on internet benefits: more branches keep bank's loan rates low”, with Ted Mallett, and Ruma Sondhi, *Canadian Business Economics* 8(3), February 2001, pp.21-29.

Work Published in Conference Proceedings

Sen, Anindya, “Traffic fatalities and seatbelt laws”, Canadian Transport Research Forum Meetings.

Working Papers

“Do price ceilings result in lower retail gasoline prices? Evidence from Canada.”, with Anthony Clemente, Dennis Lu, and Linda Jonker, revised and resubmitted

“Estimating the impacts of vertical integration on wholesale prices: empirical evidence from Canadian gasoline markets.”, with Stan Kardacz, revised and resubmitted,

“Teen employment, poverty, and the minimum wage: evidence from Canada.”, with Corey Van De Waal and Kathleen Rybczynski, revised and resubmitted.

“Estimating the effects of cigarette taxes on youth smoking: evidence from Canada.”, with Hideki Ariizumi and Daciana Driambe, revised and resubmitted.

“Estimating the effects of cigarette taxes on birth outcomes: evidence from Canada.”, with Emma Pierard, revisions requested.

“Overshifting and tax incidence in oligopolistic industries: evidence from the Canadian cigarette industry.”, revisions requested.

“Vertical integration and strategic behavior: evidence from Canadian gasoline markets.”, with Mikko Packelen, revisions requested.

“Teen fertility, welfare transfers, and the minimum wage: evidence from Canada.”, with Hideki Ariizumi, revisions requested.

“Retail prices, vertical product differentiation, and market concentration: evidence from Canadian gasoline markets.”, with Marc Duhamel and Hideki Ariizumi under review.

“Obesity, smoking, and cigarette taxes: evidence from Canada.”, with Mahdiyeh Entezarkheir and Alan Wilson, under review.

“Static and dynamic merger effects: evidence from the divestiture of Texaco's Canadian assets.”, with Mikko Packelen, under review.

“Do lower cigarette taxes result in more smoking? Evidence from the Canadian national experiment.”, with Nafeez Fatima, under review.

“How do we reward ourselves? Evidence on the returns to publications.”, with Hideki Ariizumi and Natasha De Sousa.

“Income shifting and “kiddie tax” legislation: evidence from Canada.”, with Andrew Bauer, under review.

“Does smoking result in lower employee productivity? Evidence from Canada.”

“Retail gasoline prices, market shares, and local competition: evidence from station level data.”, with Wai Hong Choi and Dennis Lu.

“Minimum wage effects by gender and age: cross-province and time-series evidence from Canada.”, with Corey Van De Waal and Kathleen Rybczynski

“Does price discrimination explain inter-city differences in retail gasoline prices?”, with Alain Nimubona.

“More police officers less crime? Cross-province and time-series evidence from Canada.”, with George Orlov.

“Do good looking professors earn more? Evidence from economics departments in Ontario.”, with Frances Woolley and Marcel Voia.

Current Ph.D. Supervision

Wai Hong Choi, “Essays in Retail Competition and Prices.” (Ongoing)

Consulting Reports

“Wages and industrial concentration: evidence from the Canadian Manufacturing sector.”, for Industry Canada.

“Productivity, concentration, and free trade: empirical evidence from the Canadian manufacturing sector.”, report for Industry Canada.

“What determines the profitability of a retail gasoline outlet? A study for the competition bureau of Canada.” <http://www.competitionbureau.gc.ca/PDFs/RetailGasolineOutlet-e.pdf>, (2006).

“Estimating the economic benefits of the marine transport industry in Canada”, (with Peter Dungan and LECG LLC), report for Transport Canada (<http://www.cmc-ccm.com/acrobat/MIBS-FinalReport.pdf>), 2004.

“A cost benefit analysis of the multi jurisdictional disclosure system”, (with Poonam Puri and LECG LLC), report for the Ontario Securities Commission (http://www.osc.gov.on.ca/Regulation/Confidence/pic_20030627_cba-disclosure-system.pdf), 2003.

“Estimating the impact of mergers among bread manufacturers in Canada”, report for the Competition Bureau, Industry Canada, 2001.

“Competition and gasoline prices in Eastern Canada”, report for the Competition Bureau, Industry Canada, 2000.

PRESENTATION OF RESEARCH

At Conferences

Canadian Economics Association Meetings, 2009, 2007, 2006, 2005, 2004, 2003, 2002; Interdisciplinary Conference Sponsored by the National Cancer Institute of Canada, University of Waterloo, 2001; Canadian Law and Economics Association Meeting, 2009, 2003, 2000, 1999; International Business and Economics Society Meetings, 1999; Canadian Transport Research Forum Meetings, 1999.

Invited Presentations at Universities

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.
2000 McMaster University, Faculty of Health Studies, University of Waterloo.

Other

- “Evaluating the Economic Impact of the Marine Transport Industry”, presented to Transport Canada, 2004.
- “Inferring the Presence of Market Power from Tax Hikes”, presented to the Competition Bureau, Industry Canada, 2003.
- “Estimating the Impact of Mergers among Bread Manufacturers”, presented to the Competition Bureau, Industry Canada, 2001.
- “Competition and Gasoline Prices in Eastern Canada”, presented to the Competition Bureau, Industry Canada, 2000.
- Expert Testimony on the Causes of Rising Gas Prices, House of Commons Industry Committee, 1999.

TEACHING

Courses Taught

Undergraduate: ECON 445 (Industrial Organization), ECON 361 (Cost Benefit Analysis), ECON 341 (Public Expenditure), ECON 321 (Econometrics), ECON 201 (Microeconomics)

Graduate: Industrial Organization, Public Finance, Health Economics

SERVICE

Department Level

Recruiting Committee, 2010
Promotions and Tenure Committee, 2008-2010
Director, Seminar Series, 2000-01, 2003-04
Member, Graduate Committee, 2010, 2009, 1999-2005 – part of committee that designed and introduced the Ph.D. program
Member, Undergraduate Committee, 2008

Refereeing

Journal of Political Economy, 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.