

THE UNIVERSITY OF BRITISH COLUMBIA
Curriculum Vitae for Faculty Members

Date: April 18, 2017

Initials: RL

1. **SURNAME:** Lindsey **FIRST NAME:** Charles
MIDDLE NAME(S): Robin
2. **DEPARTMENT/SCHOOL:** Operations and Logistics
3. **FACULTY:** Sauder School of Business
4. **PRESENT RANK:** Professor **SINCE:** July 1, 2010
5. **POST-SECONDARY EDUCATION**

University or Institution	Degree	Subject Area	Dates
Queen's University	BA	Economics and physics	1977
Queen's University	MA	Economics	1978
Princeton University	PhD	Economics	1984

Special Professional Qualifications

6. **EMPLOYMENT RECORD**

(a) *Prior to coming to UBC*

University, Company or Organization	Rank or Title	Dates
University of Alberta, Department of Economics	Professor	1999-2010
University of Alberta, Department of Economics	Associate Professor	1992-1999
University of Alberta, Department of Economics	Assistant Professor	1983-1992

(b) *At UBC*

Rank or Title	Dates
Professor	July 1, 2010

(c) *Date of granting of tenure at U.B.C.:*

Tenure was granted when I was hired.

7. **LEAVES OF ABSENCE**

8. **TEACHING**(a) *Areas of special interest and accomplishments*

Course taught at University of Alberta:

Undergraduate theory courses: Introduction to Microeconomics, Intermediate Microeconomic Theory I and II, Advanced Microeconomic Theory, Applications of Mathematics to Economics I

Undergraduate field courses: Transportation Economics, Directed Readings: Topics in Transportation Economics, Urban Economics, Resource Economics, Energy Economics, Strategic Behaviour of the Firm, Welfare Economics and Public Sector Policies

Graduate theory and field courses: Microeconomic Theory I and II, Strategic Behaviour of the Firm, Transportation Economics.

(b) *Courses Taught at UBC*

Session	Course Number	Scheduled Hours	Class Size	Hours Taught			
				Lectures	Tutorials	Labs	Other
Winter 2011	Comm 394	3*13=39	41	3*13=39			
Winter 2011	Comm 446/ Econ 480	3*13=39	19	3*13=39			

Session	Course Number	Scheduled Hours	Class Size	Hours Taught			
				Lectures	Tutorials	Labs	Other
Fall 2011	Comm 394 Sections 107 & 108	3*13=39	46 47	3*13=39			
Fall 2011	Comm 446/ Econ 480	3*13=39	13	3*13=39			

Session	Course Number	Scheduled Hours	Class Size	Hours Taught			
				Lectures	Tutorials	Labs	Other
Fall 2012	Comm 394 Sections 101 & 102	3*13=39	40 45	3*13=39			
Fall 2012	Comm 446/ Econ 480	3*13=39	18	3*13=39			

Session	Course Number	Scheduled Hours	Class Size	Hours Taught			
				Lectures	Tutorials	Labs	Other
Fall 2013	Comm 394 Sections 101 & 102	3*13=39	44 48	3*13=39			
Fall 2013	Comm 446/ Econ 480	3*13=39	26	3*13=39			
Fall 2013	Comm 544	3*13=39	3	3*13=39			

Session	Course Number	Scheduled Hours	Class Size	Hours Taught			
				Lectures	Tutorials	Labs	Other
Fall 2014	Comm 394 Sections 101 & 102	3*13=39	48 50	3*13=39			
Fall 2014	Comm 446/ Econ 480	3*13=39	36	3*13=39			

Session	Course Number	Scheduled Hours	Class Size	Hours Taught			
				Lectures	Tutorials	Labs	Other
Fall 2015	Comm 394 Sections 101 & 102	3*13=39	44 48	3*13=39			
Fall 2015	Comm 446/ Econ 480	3*13=39	29	3*13=39			

(c) *Graduate Students Supervised*

Since 2003:

Student Name	Program Type	Year		Supervisory Role (supervisor, co-supervisor, committee member)
		Start	Finish	
Faisal Khan	Economics, U. of Alberta, MA	2003	2004	Supervisor
Fang Wu	Economics, U. of Alberta, MA	2004	2005	Supervisor
Wei Ping Zeng	Earth and Atmospheric Science, U. of Alberta, PhD	2004	2006	Committee member
Alan Windhorst	Economics, U. of Alberta, MA	2006	2008	Supervisor
Benjamin Atkinson	Economics, U. of Alberta, PhD	2006	2008	Committee member
Owen Jung	Economics, U. of Alberta, MA	2007	2009	Supervisor
Sally Jin	Economics, U. of Alberta, MA	2009	2010	Supervisor
Zhen He	Economics, U. of Alberta, PhD	2005	2011	Committee member
Vladimir Yasanowski	Geography, U. of Alberta, PhD	2006	2011	Co-supervisor
Hamed Hasheminia	UBC, Management Science, PhD	2012	2012	Thesis committee member
Changmin Jiang	UBC, Management Science, PhD	2012	2014	Thesis committee member
Juan Camilo Serpa	UBC, Management Science, PhD	2010	2015	University examiner
Wenyi Xia	UBC, MSc, Business Admin.	2013	2015	Thesis committee member

Junhao Yu	UBC, MSc, Business Admin.	2013	2015	Thesis examiner
Kun Wang	UBC, Management Science, PhD	2013	In progress	Thesis committee member
Wenyi Xia	UBC, Management Science, PhD	2015	In progress	Co-supervisor
Zhenran Zhu	UBC, MSc, Business Admin.	2015	In progress	Thesis committee member

(d) *Continuing Education Activities*(e) *Visiting Lecturer (indicate university/organization and dates)*

Institute of Transportation Studies, University of California, Irvine: July 1989 - June 1990.

THEMA-Transport et Réseaux, Université de Cergy-Pontoise: February 2001, December 2001, May 2003, September-October 2003, September-December 2007, June-July 2008.

Ecole Normale Supérieure de Cachan: April 2016, March-April 2017.

(f) *Other*

Lecturer at Fourth Kuhmo-Nectar Summer School, Copenhagen, June 30, 2009.

Lecturer at Fifth Kuhmo-Nectar Summer School, Valencia, July 6, 2010.

Lecturer at Sixth Kuhmo-Nectar Summer School, Stockholm, June 28, 2011.

Lecturer at Seventh Kuhmo-Nectar Summer School, Berlin, June 18, 2012.

Lecturer at Eighth Kuhmo-Nectar Summer School, Chicago, July 8, 2013.

Lecturer at Ninth Kuhmo-Nectar (ITEA) Summer School, Toulouse, June 2, 2014.

Lecturer at Tenth Kuhmo-Nectar (ITEA) Summer School, Oslo, June 15, 2015.

Lecturer at Eleventh Kuhmo-Nectar (ITEA) School, Santiago, Chile, June 13, 2016.

9. SCHOLARLY AND PROFESSIONAL ACTIVITIES(a) *Areas of special interest and accomplishments*

Transportation economics.

(b) *Research or equivalent grants (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC))*

Granting	Subject	COMP	\$	Year	Principal	Co-Investigator(s)
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Agency			Per Year		Investigator	
SSHRC	Climate change, transportation infrastructure, and adaptation policies	C	42,272	2015-2019	Anming Zhang	Robin Lindsey
SSHRC	Traffic congestion with large users	C	22,801	2014-2018	Robin Lindsey	
SSHRC	Studies of pricing, investment and governance of gateway infrastructures (airports, seaports)	C	28,415	2011-2014	Anming Zhang	Robin Lindsey
SSHRC	Road pricing, truck facilities and cost recovery	C	6,667	2007-2010	Robin Lindsey	
Alberta Finance & Ministry of Transport	Grants to support First International Conference on Funding Transportation Infrastructure, Banff, August 2-3, 2006	NC	10,000	2006	Robin Lindsey	Paul Boothe
Partnerships British Columbia		NC	10,000	2006	Robin Lindsey	Paul Boothe
SSHRC	Road pricing in urban areas	C	9,842	2002-2005	Robin Lindsey	
University of Alberta Central Research Fund	Parking programs and downtown revitalization	C	2,500	1992	Douglas West	Robin Lindsey
NSERC	Route guidance systems and parking fees for congestion relief: An economic analysis	C	10,000	1990-1993	Robin Lindsey	
SSHRC	Spatial price competition with heterogeneous products in an urban market: An empirical analysis	C	?	1990-1991	Douglas West	Robin Lindsey, Balder Von Hohenbalken
NSERC	Bottlenecks on road networks: An engineering-economic analysis	C	20,000	1988 - 1990	Richard Arnott	André de Palma, Robin Lindsey
SSHRC	Two-part pricing in space	C	17,800	1987-1988	Peter Coyte	Robin Lindsey, Balder Von Hohenbalken

(c) Research or equivalent contracts (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC)).

Granting Agency	Subject	COMP	\$ Per Year	Year	Principal Investigator	Co-Investigator(s)
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Residential and Civil Construction Alliance of Ontario	Financing roads and public transit in the Greater Toronto and Hamilton Area	NC	7,500	2013	Harry Kitchen & Robin Lindsey	
Transportation Safety Board of Canada	Post-impact fire risks for light aircraft	NC	5,000	2003	Robin Lindsey	Douglas West
Alberta Liquor Store Association	Competitive effects of Real Canadian Liquorstore's pricing policy	NC	?	1999	Douglas West	Robin Lindsey
Alberta Department of Energy	Security of Canadian oil supply	NC	Course buyout (Approx. 4,000)	1987	Robin Lindsey	

(d) *Invited Presentations*

"Dedicated lanes, tolls and ITS technology", Symposium on Transport Economics and Policy, The Future for Interurban Passenger Transport, Joint Transport Research Centre of the OECD and the International Transport Forum, Madrid, November 17, 2009.

"Cost Recovery from Congestion Tolls with Long-Run Uncertainty", Tinbergen Institute, Amsterdam, June 9, 2011.

"Economics of crowding in public transport", Hong Kong University of Science and Technology, transportation seminar, July 25, 2014.

"The economics of crowding in public transport", Department of Spatial Economics, VU University in Amsterdam, Transport Economics Lunch seminar, February 10, 2015.

"Implications of autonomous vehicles for urban transportation and planning", presentation by tele-conference to the Inter-Ministerial Working Group on Connected Vehicles & Autonomous Vehicles, Toronto, September 18, 2015.

"Tradable permit schemes for congestible facilities with variable supply and demand", Pontificia Universidad Católica de Chile, November 11, 2016.

"Equilibrium in the bottleneck model with large and small users", Department of Industrial & Systems Engineering, National University of Singapore, January 19, 2017.

"Equilibrium in the bottleneck model with large and small users", Center for Operations Research and Management Science, Western Washington University, February 10, 2017.

"Mobility Pricing: Prospects for Metro Vancouver", Regional Transportation and Infrastructure Committee, Vancouver Board of Trade, February 17, 2017.

"Tradable permit schemes for controlling traffic congestion with variable capacity and demand", Rensselaer Polytechnic Institute, March 1, 2017.

"Tradable permit schemes for controlling traffic congestion with variable capacity and demand", Département Economie et Gestion, École Normale Supérieure de Cachan, March 20, 2017.

(e) *Other Presentations*

(f) *Other*

(g) *Conference Participation (Organizer, Keynote Speaker, etc.)*

Conference organization

Principal organizer, First International Conference on Funding Transportation Infrastructure, Banff, Canada, August 2-3, 2006.

Co-organizer, Second International Conference on Funding Transportation Infrastructure, Leuven, Belgium, September 20-21, 2007.

Co-organizer, Third International Conference on Funding Transportation Infrastructure, Paris, France, June 19-20, 2008.

Conference Board member, Transportation decision making: Issues, tools, models and case studies, Venice, November 13-14, 2008.

Scientific Committee, International Transport Economics Conference, University of Minnesota, June 15-16, 2009.

Conference Board member, "The Capacity of Transport Systems: arcs, nodes, services and technologies" – Scientific Conference, Venice, November 5-6, 2009.

Scientific Committee member, Kuhmo-Nectar Conference on Transport Economics 2010, Valencia, July 8-9, 2010.

Scientific Committee member, Kuhmo Nectar Conference and Summer School on Transportation Economics, Stockholm, June 27 - July 1, 2011.

Scientific Committee member, Kuhmo Nectar Conference and Summer School on Transportation Economics, Berlin, June 21 - 22, 2012.

Chair, Scientific Committee, Annual Conference of the International Transportation Economics Association, Chicago, July 10 - 12, 2013.

Chair, Scientific Committee, Annual Conference of the International Transportation Economics Association, Toulouse, June 2 - 6, 2014 (<http://www.tiger-forum.com/itea>).

President of ITEA, Kuhmo Nectar Conference and Summer School on Transportation Economics, Oslo, June 17-19, 2015 (<https://www.toi.no/ITEA2015/>).

2016 World Conference on Transport Research, Session Track Organizer (STO) for A4: Road Transport.

President of ITEA, Kuhmo Nectar Conference and School on Transportation Economics, Santiago Chile, June 15-17, 2016 (<http://www.iteacas2016.cl/>).

Conference and workshop presentations

"Import disruptions, exhaustible resources and intertemporal security of supply", U.B.C. Resource Theory Workshop, April 1984.

"Import disruptions, exhaustible resources and intertemporal security of supply", University of Washington Spring Workshop, April 1984.

"Long term bilateral monopoly: The case of an exhaustible resource", American Economic Association Meetings, Dallas, Texas, December 1984.

"Economics of a bottleneck", World Conference on Transport Research, Vancouver, B.C., May 1986.

"Spatial monopoly and spatial monopolistic competition", Canadian Economic Association meetings, Winnipeg, Manitoba, May 1986.

"Import disruptions, exhaustible resources and intertemporal security of supply", American Economics Association meetings, New Orleans, Louisiana, December 1986.

"Information and time-of-use decisions in stochastically congestible facilities", Canadian Economic Theory Meetings, Vancouver, B.C., May 1988.

"Information and time-of-use decisions in stochastically congestible facilities", Econometric Society Meetings, Bologna, Italy, September 1988.

"Spatial competition and conjectural price variations in a real market setting", Market Structure and Strategies Conference, Dundee Scotland, August 1988.

"Bottleneck congestion with elastic demand", European Economic Association meetings, Bologna, Italy, August 1988.

"Information and time-of-use decisions in stochastically congestible facilities", North American meetings of the Regional Science Association, Toronto, November 1988.

"Spatial price equilibrium with vertical product differentiation and chain store ownership: An empirical analysis", 36th North American Meetings of the Regional Science Association, Santa Barbara, California, November 1989.

"Does providing information to drivers reduce traffic congestion?", 69th Annual Meeting of the Transportation Research Board, Washington, D.C., January 1990.

"Does providing information to drivers reduce traffic congestion?", University of California, Irvine, transportation workshop, February 1990.

"A temporal and spatial equilibrium analysis of commuter parking", Western Regional Science Association Conference, Molokai, Hawaii, February 1990.

"Downhill skiing and ski-area pricing with lift queues and slope congestion", 24th Annual Meeting of the Canadian Economics Association, Victoria, B.C., June 1990.

"Spatial price and variety competition in an urban retail market: A logit analysis", American Association of Geographers annual meeting, April 1991.

"Spatial price and variety competition in the Edmonton video rental market: a logit analysis", North American Regional Science Conference, New Orleans, November 1991.

"Properties of dynamic traffic equilibrium involving bottlenecks, including a paradox and metering", 71st Annual Meeting of the Transportation Research Board, Washington D.C., January 1992.

"The potential benefits of a combined route guidance and road pricing system", 71st Annual Meeting of the Transportation Research Board, Washington, D.C., January 1992.

"Spatial price and variety competition in the Edmonton video rental market: a logit analysis", Sixth World Conference on Transport Research, Lyon, France, July 1992.

"The potential benefits of a combined route guidance and road pricing system", Sixth World Conference on Transport Research, Lyon, France, July 1992.

"The potential benefits of a combined route guidance and road pricing system", Second International CAPRI seminar on Urban Traffic Networks, Capri, July 1992.

"A test of the free riding hypothesis using parking coupon data", 13th Meeting of the Pacific Regional Science Conference Organization, Whistler, B.C., July 1993.

"A test of the free riding hypothesis using parking coupon data", Retailing and Services Science Conference, Lake Louise, May 1994.

"Optimal departure scheduling in the morning rush hour when capacity is uncertain", 41st North American Regional Science Association International meetings, Niagara Falls, Ontario, November 1994.

"Optimal departure scheduling in the morning rush hour when capacity is uncertain", 7th World Conference on Transport Research, Sydney, July 1995.

"A model of advertising and price discrimination in a geographically differentiated retail market", 2nd Conference on Recent Advances in Retailing and Services Science, Gold Coast, Australia, July, 1995.

"Recent developments in the bottleneck model", 42nd North American Regional Science Association International meetings, Cincinnati, November 1995.

"Schedule competition, fare competition and predation in a duopoly airline market", "Seminar on Aviation Economics", Free University of Amsterdam, March, 1997.

"Private toll roads: A dynamic equilibrium analysis", "Seminar on Road Traffic Congestion and Congestion Pricing", Free University of Amsterdam, April, 1997.

"Private toll roads: A dynamic equilibrium analysis", 37th annual Western Regional Science Association meeting, Monterey, February 1998.

"Private toll roads: A dynamic equilibrium analysis", 8th World Conference on Transport Research, Antwerp, Belgium, July 1998.

"Schedule competition, fare competition and predation in a duopoly airline market", 8th World Conference on Transport Research, Antwerp, Belgium, July 1998.

"Predatory pricing in a spatial market: The case of liquor retailing", 45th North American meetings of the Regional Science Association International, Santa Fe, New Mexico, November 13, 1998.

"Predation in a spatial market", 39th European Congress of the Regional Science Association International, Dublin, Ireland, August 25, 1999.

"Fare competition and curb rights in urban transit markets", 6th World Regional Science Association Congress, Lugano, Switzerland, May 18, 2000.

"Fare competition and curb rights in urban transit markets", 36th Annual Conference of the Canadian Transportation Research Forum: 2001 A Transportation Odyssey, Vancouver, B.C., May 6-9, 2001.

"Fare competition and curb rights in urban transit markets", 9th World Conference on Transport Research, Seoul, South Korea, July 22-27, 2001.

"A comparison of the morning and evening commutes in the Vickrey bottleneck model", poster session, 81st Annual Meeting of the Transportation Research Board, Washington, D.C., January 15, 2002.

"Congestion pricing in the morning and evening peaks: A comparison using the Bottleneck Model", 37th Annual Conference of the Canadian Transportation Research Forum: 2002 Transportation Visioning - 2002 and Beyond, St. John's, Newfoundland, May 14, 2002.

"Congestion pricing with heterogeneous travelers: A general-equilibrium welfare analysis", 36th Annual Meetings of the Canadian Economic Association, Calgary, June 1, 2002.

"Predation in differentiated products retail markets", 14th Canadian Law and Economics Association Conference, Toronto, September 28, 2002.

"Road pricing for a simple monocentric city with a radial network", 49th annual North American Meetings of the Regional Science Association International, San Juan, Puerto Rico, November 14, 2002.

"How should road pricing be phased in on a network", poster session, 82nd Annual Meeting of the Transportation Research Board, Washington, D.C., January 15, 2003.

"Road pricing issues and experiences in the US and Canada", paper prepared for IMPRINT-EUROPE, Fourth Seminar "Implementing Pricing Policies in Transport: Phasing and Packaging," Katholik University of Leuven, Belgium, May 13, 2003 (http://www.imprint-eu.org/public/Papers/IMPRINT4_lindsey-v2.pdf).

"Congestion pricing on networks with heterogeneous users", symposium on "The theory and practice of congestion charging", Imperial College London, August 18, 2003.

"Congestion pricing on an urban road network: A study using the dynamic traffic simulator METROPOLIS", 50th annual North American Meetings of the Regional Science Association International, Philadelphia, November 20, 2003.

"Congestion pricing on urban road networks using the dynamic traffic simulator METROPOLIS", 8th Conference of Hong Kong Society for Transportation Studies, Hong Kong, December 13, 2003.

"Locating and pricing Park-and-Ride facilities in a linear monocentric city with deterministic mode choice", 83rd Annual Meeting of the Transportation Research Board, Washington, D.C., poster session Transit Research Innovations, January 13, 2004.

"Road pricing: Practice, prospects and challenges – A world view", Round Table on Road Pricing in Belgium, Catholic University of Louvain, Faculty Club, February 3, 2004.

"The welfare-distributional impacts of congestion pricing on a road network", 39th Annual Conference of the Canadian Transportation Research Forum, Calgary, May 10, 2004.

"Experience with road pricing worldwide", 6ième Journée Transport: Emile Quinet, Université de Cergy-Pontoise, May 18, 2004.

"Do economists reach a conclusion on highway pricing?", 74th Southern Economics Association meetings, New Orleans, November 22, 2004.

"A comparison of public and private tolling on a congested road network", Allied Social Sciences conference, Philadelphia, January 7, 2005.

"A comparison of second-best and third-best tolling schemes on a road network", 84th Annual Meeting of the Transportation Research Board, Washington, D.C., poster session, January, 2005.

"Modelling and evaluation of road pricing in Paris", 39th Annual Meeting of the Canadian Economics Association, May 29, 2005.

"Recent developments and current policy issues in the U.S. and Canada", 2nd Kuhmo conference on "Road Pricing: Is it needed? Is it possible? Is it inevitable?", Kuhmo, Finland, July 14, 2005.

"Maintenance and congestion pricing with competing roads", 45th European Regional Science Association conference, Amsterdam, August 25, 2005.

"Two-part congestion pricing on public and private highways", 52nd annual conference of the Regional Science Association International, Las Vegas, November 12, 2005.

"Effects of climate change on transportation in Canada", 8th Journée Transport, Ecole Nationale des Ponts et Chaussées, Paris, May 22, 2006.

"Do economists reach a conclusion on highway pricing?", 40th Canadian Economics Association meetings, Montreal, May 26, 2006.

"The economics of truck toll lanes", Third International Kuhmo Conference and Nectar Cluster 2 meeting, Helsinki, July 13, 2006.

"The economics of truck toll lanes", First International Conference on Funding Transportation Infrastructure, Banff, August 3, 2006.

"Two-part congestion pricing on public and private highways", First International Conference on Funding Transportation Infrastructure, Banff, August 3, 2006.

"An economic analysis of segregating cars and trucks", 53rd Annual North American meetings of the RSAI, Toronto, November 16, 2006.

"Transportation infrastructure investments, pricing and gateway competition: Policy considerations", Calgary Asia Pacific Gateway and Corridor Round Table, Calgary, March 29, 2007.

"Transportation infrastructure investments, pricing and gateway competition: Policy considerations", International Conference on Gateways and Corridors, Vancouver, May 2, 2007.

"The economics of truck toll lanes", 11th World Conference on Transportation Research, San Francisco, June 27, 2007.

"Transportation infrastructure investments, pricing and gateway competition: policy considerations", Second International Conference on Funding Transportation Infrastructure, Leuven, Belgium, September 20, 2007.

"Prospects for urban road pricing in Canada", Brookings-Wharton Conference on Urban Affairs, Washington, D.C., November 2, 2007.

"Predation in an airline market", industrial organization workshop, Université de Sousse – ISG, Sousse, Tunisia, December 7, 2007.

"Prospects for urban road pricing in Canada", 47th Annual Meeting of the Western Regional Science Association, Hilton Waikoloa Village Resort, Hawai'i, February 19, 2008.

"Cost recovery from congestion tolls with stochastic capacity and demand", Third International Conference on Funding Transportation Infrastructure and Tenth Journée Transport, Paris, June 20, 2008.

- "Case study of road pricing in Canada", Innovation for better financing of urban transportation, AQTR, Montreal, November 11, 2008.
- "Road pricing in Canada", Transportation Futures: Ontario Road Pricing Forum, Toronto, November 13, 2008.
- "Road pricing and public acceptability", Transportation Futures: Ontario Road Pricing Forum, Toronto, November 13, 2008.
- "Reforming road user charges in the United States", Symposium on the Occasion of the 50th Anniversary of the Journal of Regional Science, Federal Reserve Bank of New York, April 24, 2009.
- "Congestion pricing with loss-averse drivers", 44th Annual Conference of the Canadian Transportation Research Forum, Victoria, May 25, 2009.
- "Cost recovery from congestion tolls with random capacity and demand and risk aversion", International Transport Economics Conference, plenary session in honor of Herbert Mohring, University of Minnesota, June 16, 2009.
- "State-dependent congestion pricing with reference-dependent preferences", Fourth Kuhmo-Nectar Conference and Summer School, Copenhagen, July 2, 2009.
- "Per-kilometre road user charges: System design challenges", Transportation Association of Canada: Road Pricing in an Urban Context, Vancouver, October 21, 2009.
- "Road pricing 101 and public acceptability", Transport Futures Infrastructure Finance Research Forum, Toronto, November 12, 2009.
- "Dedicated lanes, tolls and ITS technology", Symposium on Transport Economics and Policy, The Future for Interurban Passenger Transport, Joint Transport Research Centre of the OECD and the International Transport Forum, Madrid, November 17, 2009 (<http://www.internationaltransportforum.org/Proceedings/Symp2009/4-Lindsey.pdf>)
- "An information paradox in traffic networks", Behavioral & Quantitative Game Theory: Conference on Future Directions, Newport Beach, California May 15, 2010.
- "Road pricing, public transport and market structure", 45th Annual Conference of the Canadian Transportation Research Forum, Toronto, June 1, 2010.
- "Cost recovery from road tolls with long-run uncertainty", Kuhmo-Nectar Conference on Transport Economics 2010, Valencia, July 8, 2010.
- "Step by step: Revisiting step tolling in the bottleneck model", 57th Annual North American Meetings of the Regional Science Association International, Denver, November 12, 2010.
- "The benefits and costs of cooperation within couples: Trip-timing decisions and traffic congestion", 57th Annual North American Meetings of the Regional Science Association International, Denver, November 13, 2010.
- "Smart growth and road pricing 101", Transport Futures 2010: Road Pricing & Smart Growth Forum, Toronto, December 2, 2010.
- "Cost recovery from road congestion tolls with long-run uncertainty", lunch seminar, Operations and Logistics Division, Sauder School of Business, University of British Columbia, March 11, 2011.
- "Cost recovery from road tolls with long-run uncertainty", 46th Annual Conference of the Canadian Transportation Research Forum: Transportation and Logistics Trends and Policies: Successes and Failures, Gatineau, May 31, 2011.

"Cost recovery from congestion tolls with long-run uncertainty", 45th Annual Canadian Economic Association Conference, University of Ottawa, June 4, 2011.

"Trip-timing decisions with traffic incidents in the bottleneck model", Kuhmo-Nectar Conference, Stockholm, June 30, 2011.

"The case and opportunity for efficient modal pricing of urban transportation", Transportation Policy and Strategy White Paper & Conference: Reforming Canada's Transportation Policies for the 21st Century, Calgary, November 29, 2011.

"Road Pricing 101 (Goods transport)", Transport Futures Goods Movement and Mobility Pricing Forum, Toronto, May 31, 2012.

"Road Pricing and Financing Urban Transportation", Presentation to Canadian Home Builders' Association, Urban Council, Ottawa, June 1, 2012.

"Road Pricing and Investment", 47th Annual Conference of the Canadian Transportation Research Forum: Sustainable Transportation: Economic, Social and Environmental Perspectives, Mount Royal University, Calgary, June 4, 2012.

"Strategic information provision about traffic conditions on a road network", 46th Annual Canadian Economic Association Conference, University of Calgary, June 8, 2012.

"Strategic information provision about traffic conditions on a road network", Kuhmo Nectar – ITEA Conference on Transportation Economics, Berlin, June 22, 2012.

"Balancing Act: Financing Roads and Public Transit in the GTHA", Transport Futures Goods Mobility Funding Symposium, Toronto, April 8, 2013.

"Existence and characteristics of equilibrium in the Bottleneck Model with atomic (oligopolistic) users", International Workshop in Beijing, Behaviors in Transportation Network, June 15, 2013.

"Existence and Characteristics of Equilibrium in the Bottleneck Model with Atomic (Oligopolistic) Users", Kuhmo Nectar – ITEA Conference on Transportation Economics, Northwestern University, July 12, 2013.

"Road Pricing: Goals and Implementation Guidelines", Regional Transportation Authorities Forum, New Westminster, July 18, 2013.

"Trip-timing Decisions at a Congestible Facility with Atomic Users", 55th Annual Transportation Research Forum, San Jose, March 15, 2014.

"Multiproduct competition with core and side services", Annual Conference of the International Transportation Economics Association (ITEA), Toulouse, June 6, 2014.

"Dollars and Sense: Funding & Financing for Best Policy Outcomes", Transport Futures Solving Gridlock Forum, Toronto, June 16, 2014.

Panel participant, "Avoiding Pitfalls: Choosing, Evaluating and Constructing Transport Projects", Transport Futures Solving Gridlock Forum, Toronto, June 16, 2014.

"Equilibrium in the bottleneck model with atomic and non-atomic users", OPTION Conference, Tinbergen Institute, Amsterdam, April 9, 2015.

"Optimal fares and capacity decisions for crowded public transport systems", 50th Annual Canadian Transportation Research Forum Meeting, Montréal, May 26, 2015.

“Trip timing and crowding on rail transit lines: Theory and application”, Annual Conference of the International Transportation Economics Association (ITEA), Oslo, June 17, 2015.

“Implications of autonomous vehicles for urban transportation and planning”, 75th annual meeting of the Academy of Management, Vancouver, August 7, 2015.

“Some like it HOT, some do not: Economics, Equity & Public Acceptance”, Transport Futures HOT lanes Forum: Cooling Congestion One Lane at a Time, Toronto, January 22, 2016.

“Public transport crowding and fare policies”, UBC Department of Civil Engineering workshop, February 25, 2016.

“Optimal transit pricing with crowding and traffic congestion: A dynamic equilibrium analysis”, 51st Annual meeting of the Canadian Transportation Research Forum, Toronto, May 3, 2016.

“Optimal transit pricing with crowding and traffic congestion: A dynamic equilibrium analysis”, annual conference of the International Transportation Economics Association, Santiago, Chile, June 15, 2016.

10. SERVICE TO THE UNIVERSITY

(b) Memberships on committees, including offices held and dates

University of Alberta

Graduate Program Committee (chair): 2009-2010

Graduate Appeals Committee (chair): 2009-2010

Scholarships and Awards Committee (chair): 2009-2010

Ad hoc committee on MA enrollments (chair): 2009-2010

Faculty of Arts — Arts Representative Council (member): 2009-2010

Ph.D. Comprehensive Examination Committee, Microeconomics (member & chair): 1987-2009

Ph.D. Comprehensive Examination Committee, Industrial organization (member): 2003, 2005, 2006

Ph.D. Comprehensive Examination Committee: Regional Science (member): 1992

Visiting speakers committee: general committee member, microeconomics workshop coordinator, quantitative methods and economic history workshop coordinator, funds manager: various years

Undergraduate Curriculum Committee (chair): 1999-2000

Computer Services Committee: 2002-2003

Recruiting Committee (chair): 1990-91

Library Committee (member): 199x

University of British Columbia

MSc program, OPLOG division, advisor and chair of admissions committee: 2010 - 2014; member 2014-2015.

PhD program, OPLOG division, member of admissions committee: 2011 -

Appointments, Promotions and Tenure (APT) Committee: member: 2013 - 2015, chair 2015-2016.

Acting Director of the Centre for Transportation Studies, July 1st 2013 - July 1st 2014.

(c) *Other service, including dates*

Chaired final doctoral oral examination of Ce Huang (economics) and submitted Chair's Report on the Final Doctoral Examination, January 25, 2012.

Attended luncheon organized by Associate Dean of Research and Graduate Studies, Faculty of Arts, to discuss strategies for successful applications to SSHRC, August 29, 2012.

Participated on panel discussion for new faculty members at Research Orientation Day, Cecil Green Park House, August 30, 2012.

Chaired final doctoral oral examination of James Stephen (forestry) and submitted Chair's Report on the Final Doctoral Examination, December 11, 2012.

Served as committee member at PhD Thesis Proposal Defence of Changmin Jiang, Essays in Transportation Economics and Policy (Management Science), August 22, 2013.

Chaired final doctoral oral examination of Michael David Cody (Law) and submitted Chair's Report on the Final Doctoral Examination, Allard Hall, 9:00-11:00, June 25, 2014.

Served as committee examiner for MSc thesis defence of Zijun Shi, "Airport charge, traffic volume and car rental price: empirical evidence at US airports", July 14, 2014.

Served as University Examiner for final doctoral oral examination of Yulai (Sarah) Wan, July 25, 2013.

Attended roundtable discussion on SSHRC Insight Grant review process, 12:00-13:45, TEF 3 building, July 29, 2014.

In collaboration with Tae Oum spoke with Grace Ou from the Taipei Economic and Cultural Office in Vancouver, and Professor Frank from the Department of Aeronautical Engineering of National Formosa University about developing educational opportunities for faculty and students between UBC and Taiwan. July 31, 2014.

Chaired final doctoral oral examination of Ruth Lavergne (Health services and policy research) and submitted Chair's Report on the Final Doctoral Examination, Graduate Student Centre, 9:00-11:00, January 27, 2015.

Spoke to Adam Baylin-Stern, Canada's Ecofiscal Commission, on the benefits and challenges of implementing policies for reducing traffic congestion in major Canadian cities with a focus on road pricing, February 3, 2015.

Provided comments on: "C.D. Howe Institute, Tackling Traffic: The Economic Cost of Congestion in Vancouver", February 9, 2015.

Interviewed for one hour by Janilaine Tsui and Alex Wang, two undergraduate students at Simon Fraser University enrolled in a research course. They asked questions about the referendum, how to improve public transit service, and related matters, March 12, 2015.

Internal reviewer of UBC SSHRC proposal, August 2015.

Chaired final doctoral oral examination of Tongseok Lim (Mathematics) and submitted Chair's Report on the Final Doctoral Examination, Graduate Student Centre, 9:00-11:00, March 24, 2016.

Hosted Silvio Nocera, Associate Professor at IUAV University of Venice, as visitor to Sauder. Arranged seminar on July 15 "Greenhouse Gas Emissions in Transport: Relevance and Problems for a Fair Quantification and Valuation". July 10-20, 2016.

Chaired final doctoral oral examination of Mohamed Hussein (Civil Engineering) and submitted Chair's Report on the Final Doctoral Examination. December 12, 2016.

11. **SERVICE TO THE COMMUNITY**

(a) *Memberships on scholarly societies, including offices held and dates*

Economic Society of Northern Alberta, board of directors member, 2009-2010.

International Transportation Economics Association (ITEA), Board Member, 2010- ; Vice-President, 2013-2014, President, 2014-2016.

Participant at Translink stakeholder forum Phase 1 on fare policy review, SFU Wosk Centre for Dialogue, May 18, 2016.

Participant at Translink stakeholder forum Phase 2 on fare policy review, New Westminster, January 30, 2017.

(b) *Memberships on other societies, including offices held and dates*

The Van Horne Institute for International Transportation and Regulatory Affairs, Centre for Transportation, Steering Committee, 1999.

Alberta Capital Region Alliance, Standing Technical Working Group on Transportation, 2000.

(c) *Memberships on scholarly committees, including offices held and dates*

Economics Committee for the 2011 SSHRC Standard Research Grants competition.

Economics Committee for the 2012 SSHRC Insight Grants competition.

Economics Committee for the 2013 SSHRC Insight Grants competition.

(d) *Memberships on other committees, including offices held and dates*

(e) *Editorships (list journal and dates)*

Member, Editorial Board, *Papers in Regional Science*, 2001-2004, 2005-2008.

Associate Editor, *Transportmetrica*, 2003-.

Member, Editorial Board, *Transport Policy*, 2009-.

Member, Editorial Board, *International Journal of Sustainable Transportation*, 2010-.

Member, Editorial Board, *Economics of Transportation*, 2012-.

Member, Editorial Board, *Journal of Urban Economics*, 2012-.

Editorial Advisory Board, *Transportation Research Part B*, 2003-. Associate editor, 2014-.

(f) *Reviewer (journal, agency, etc. including dates)*

Journal refereeing (82 journals as of April 7, 2017; counts do not include revisions of papers)

Advances in Mechanical Engineering (1x), American Economic Journal: Microeconomics (1x), American Economic Review (3x), Annals of Operations Research (1x), Applied Mathematical Modelling (1x), Canadian Journal of Economics (6x), Canadian Public Policy (2x), Contemporary Economic Policy (1x), Discrete Dynamics in Nature and Society (1x), Econ Journal Watch (1x), Econometrica (1x), Economica (5x), Economica (France) (1x), Economics and Policy of Energy and the Environment (1x), Economics Bulletin (1x), Economics of Governance (1x), Economics of Transportation (21x), Energies (1x), Energy Policy (1x), Environment and Planning A (4x), European Economic Review (1x), European Journal of Law and Economics (1x), European Journal of Operational Research (4x), Games and Economic Behavior (1x), Growth and Change (1x), IEEE Transactions on Intelligent Transportation Systems (3x), IEEE Transactions on Systems, Man and Cybernetics: Systems (1x), International Economic Review (4x), International Journal of Industrial Organization (5x), International Journal of Modern Physics C (1x), International Journal of Sustainable Transportation (8x), International Journal of Transport Economics (2x), International Journal of Urban Sciences (1x), Journal of Advanced Transportation (6x), Journal of Economic Dynamics and Control (2x), Journal of Economic Geography (1x), Journal of Economics and Business (1x), Journal of Environmental Economics and Management (1x), Journal of Intelligent Transportation Systems (3x), Journal of Public Economic Theory (2x), Journal of Public Economics (17x), Journal of Regional Science (6x), Journal of Transport and Land Use (1x), Journal of Transport Economics and Policy (16x), Journal of Transport Geography (1x), Journal of Urban Economics (37x), Land Economics (1x), Managerial Economics for the Services Industries (1x), Mathematical Problems in Engineering (2x), Nature Communications (1x), Netnomics (2x), Networks and Spatial Economics (6x), Papers in Regional Science (8x), Proceedings of the Institution of Civil Engineers - Transport (1x), Public Budgeting & Finance (2x), Quarterly Journal of Economics (1x), Rand Journal of Economics (4x), Regional Science and Urban Economics (20x), Regional Studies (1x), Review of Industrial Organization (1x), Review of Network Economics (1x), Scandinavian Journal of Economics (3x), Simulation Modelling Practice and Theory (1x), Sustainability (4x), The Open Transportation Journal (2x), Transport Policy (14x), Transport Reviews (2x), Transportation (3x), Transportation Research (5x), Transportation Research Part A (14x), Transportation Research Part B (40x), Transportation Research Part C (8x), Transportation Research Part D (3x), Transportation Research Part E (5x), Transportation Research Part F (1x), Transportation Research Record (5x), Transportation Science (11x), Transportmetrica (10x), Transportmetrica A: Transport Science (4x), Transportmetrica B: Transport Dynamics (1x), Trasporti Europei (3x), Trasporti Europei (3x), Urban Studies (3x).

Other refereeing (22 as of April 7, 2017)

Agence Nationale de la Recherche (1x), Aid to Scholarly Publishing (1x), Blackwell Companion in Urban Economics (1x), Canadian Transportation Research Forum (8x), FONDECYT National Research Funding Competition (1x), Hong Kong Research Grants Council (7x), Inter-American Development Bank (1x), Killam Program, The Canada Council (1x), METTRANS Transportation Center (1x), Mitacs (2x), NSERC Discovery Grant (3x), Proceedings of the 11th International Conference on Travel Behaviour Research (1x), School of Public Policy, University of Calgary (1x), Social Sciences and Humanities Research Council of Canada (8x), Social Sciences and Humanities Research Council of Canada Economics Research Grants Selection Committee (3x), UC Davis Sustainable Transportation Center Dissertation Fellowship Review (1x), Transport and Road Research Laboratory (1x), Transportation Research Board (13x), United Arab Emirates University grant program (1x), World Conference on Transport Research (2x), 18th International Symposium on Transportation and Traffic Theory (2x), 21st International Symposium on Transportation and Traffic Theory (1x), 22nd International Symposium on Transportation and Traffic Theory (2x).

(g) *External examiner (indicate universities and dates)*

Cedric Fontan, Economics and management, Université de Cergy-Pontoise, Ph.D. external thesis examiner, 2002.

Judith Y.T. Wang, The Hong Kong University of Science and Technology, Department of Civil Engineering, Ph.D., 2003.

Min Ye, Hong Kong University of Science and Technology, Department of Civil Engineering, M. Phil., 2003.

Yannik Riou, Economics and management, Université de Cergy-Pontoise, Ph.D. external thesis examiner, 2006.

Moez Kilani, Economics and management, Université de Cergy-Pontoise, Ph.D. external thesis examiner, 2007.

Kiarash Motamedi, Economics and management, Université de Cergy-Pontoise, Ph.D. external thesis examiner, 2008.

Vincent van den Berg, Economics, Free University of Amsterdam, Ph.D. external thesis examiner, 2011.

Carl Hamilton, Centre for Transport Studies, Royal Institute of Technology, Stockholm, Ph.D. external thesis examiner, 2012.

Miguel-Angel Alcobendas, Toulouse School of Economics, Toulouse, Ph.D. external thesis examiner, June 7, 2014.

Liu Wei, Hong Kong University of Science and Technology, Hong Kong, Ph.D. external thesis examiner, July 24, 2014.

Hongbo Ye, Hong Kong University of Science and Technology, Hong Kong, Ph.D. external thesis examiner, July 24, 2014.

Sergjes Gubins, VU University in Amsterdam, Department of Spatial Economics, Ph.D. external thesis examiner, February 9, 2015.

Guillaume Monchambert, École Normale Supérieure de Cachan, Département Economie et Gestion, Ph.D. external thesis examiner (by Skype), October 26, 2015.

Jani-Pekka Jokinen, School of Science, Aalto University, Ph.D. external thesis examiner (official title: "Opponent"), June 23, 2016.

Aya Aboudina, Department of Civil Engineering, University of Toronto, Ph.D. external thesis examiner, July 25, 2016.

(h) Consultant (indicate organization and dates)

Metrolinx, Toronto. Project Prioritization Peer Review Panel, 2013-2014.

Project MC-ICAM (Implementation of Marginal Cost Pricing in Transport – Integrated Conceptual and Applied Model Analysis: <http://www.its.leeds.ac.uk/projects/mcicam/>), Funded by the European Commission, Contract GRD1/2000/25475-SI2.316057, 2001-2002. Participated 2002-2004.

Project TIPP (Transport Institutions in the Policy Process: <http://www.strafica.fi/tipp>), Funded by the European Commission, Contract GMA2/2001/52043 S07.15419 TIPP. Participated 2003-2005.

Project REVENUE: Revenue Use from Transport Pricing, Funded by the European Commission, Competitive and Sustainable Growth Programme, Contract GMA2-2002-52011. Participated 2004-2005.

Competition Bureau, 2005-2006.

(i) Other service to the community

Media interviews and coverage

While employed at University of Alberta

September 14, 2005, and November 9, 2005, Edmonton: Provided information by phone and e-mail to Peter Taylor for article about road traffic congestion in *Canadian Business Magazine*, June 5, 2006. Quoted about rail public transit on page 4 of on-line edition (http://www.canadianbusiness.com/managing/strategy/article.jsp?content=20060605_78538_78538).

December 2, 2005, Edmonton: Provided information by phone and e-mail to Joslyn Oosenbrug, *CBC Radio*, about road pricing in the US and Canada.

May 11, 2006, Edmonton: Provided general information by phone to Cassandra, *Edmonton Journal*, about a six-passenger jet under development.

References to my C.D. Howe Institute Commentary 248 appeared: on May 16, 2007 in *The Edmonton Journal*, *The Calgary Herald*, *The Chronicle Herald Nova Scotia*, *The Montreal Gazette* and *Le Soleil*; on May 18, 2007 in *The Montreal Gazette*; twice on June 18, 2007 in *Le Soleil*; and on June 21, 2007 in the *Hamilton Spectator*.

June 20, 2007, Edmonton: Guest on Sean Leslie show, *CKNW radio*, on subject of road pricing.

July 12, 2007, Edmonton: Spoke to Anna Paperny, *Edmonton Journal*, about parking rates in downtown Edmonton.

August 18, 2007, Edmonton: Guest on *The World Tonight*, *CHQR radio* in Calgary, on subject: "Are toll roads the answer to easing traffic congestion in major cities?"

October 15, 2007, Edmonton: Provided information on road congestion pricing by e-mail to Dakshana Bascaramurty, *Capital News Online*, Edmonton.

November 15, 2007, Edmonton: Provided information on toll roads by e-mail to Jessica Hume, *East York Observer*, Toronto.

November 18, 2008: Quoted on subject of public road-toll acceptance by Vince Versace, *Daily Commercial News* (<http://dcnonl.com/article/id31392>).

March 31, 2010, Edmonton: Spoke to Marcus Gee, a reporter for *The Globe and Mail*, about road pricing in Toronto.

April 22, 2010, Edmonton: Spoke to student reporter at Northern Alberta Institute of Technology (NAIT) about effects of the Icelandic volcanic eruption on airlines.

April 28, 2010, Edmonton: Interview with Andrew Yeager, *WBHM 90.3*, Birmingham, Alabama, on road pricing and a plan to add four tolled elevated lanes to US 280 in Birmingham, Alabama.

Since joining UBC in July 2010

January 11, 2011: Quoted on subject of road pricing and public transit by Andrew Coyne, "Stuck in Traffic", *Macleans* (<http://www2.macleans.ca/2011/01/11/stuck-in-traffic>).

February 16, 2011: Spoke with reporter at *The Province* about road pricing in the GVRD.

February 20, 2011: Spoke on *CKNW radio*, "The World Today", about tolling bridges and tunnels in the GVRD.

September 1, 2011: Spoke with Jonathan Montpetit, journalist with Montreal bureau of *The Canadian Press*, about role of federal government in tackling traffic congestion.

September 6, 2011: Quoted in *The Globe and Mail*, p.A5, about how people adapt to traffic congestion.

October 7, 2011: Spoke on CKNW radio, *The World Today*, on merits of road pricing.

October 31, 2011: Spoke to David Staples, city columnist with *Edmonton Journal*, about road tolls. Quoted in resulting article on November 2, 2011 (<http://www.edmontonjournal.com/news/Introducing+road+bridge+tolls+avenue+worth+pursuing/5643107/story.html>)

November 4, 2011: Spoke with Sujata Berry, Producer - *CBC News*, about road tolls in Canada.

January 6, 2012: Spoke with reporter for *The Province* about tolls on the Golden Ears bridge.

January 26, 2012: Spoke with reporter for the *Vancouver Sun* about lack of funds for roads, ferries and airports.

February 24, 2012: Interviewed at UBC office by Alan Waterman, *CBC News*, video journalist, about Joint Technical Committee report on Translink funding options. Interview aired on evening TV news.

February 24, 2012: Talked with Kelly Sinoski, *Vancouver Sun*, about road pricing in general.

April 18, 2012: Spoke with Claudia Kwan, journalist for *Open File*, about road pricing in the GVRD.

May 23, 2012: Spoke with Scott Butler of Ontario Good Road Association for quarterly publication *Milestones*.

June 1, 2012. Interviewed by Rowena E. Moyes at Canadian Home Builders' Association, Urban Council, Ottawa, June 1, 2012. Contents published in: Ontario Good Roads Association (2012), "Interaction", *Milestones* 12(2), June, pp. 7-9, 37-38.

May 23, 2012: Spoke with Terry Donnelly, *CBC radio*, about Translink's funding dilemma.

June 27, 2012: Spoke with Lawrence H. White for the *Econ Journal Watch* Audio podcast series about my 2006 article in *Econ Journal Watch*.

August 20, 2012: Spoke to reporter for *China Radio International* in Beijing.

August 22, 2012: Spoke to Brian Hutchinson, *National Post*, regarding highway safety and speed limits.

September 13, 2012: Spoke on *CBC Radio* about introductory toll discounts on the Port Mann Bridge. <http://www.cbc.ca/earlyedition/podcast/2012/09/13/toll-economics-libya-reaction-elizabeth-cull/>

September 17, 2012: Spoke to Mike Smyth, columnist at *The Province* newspaper, on the fairness of regional tolling.

October 19, 2012: Spoke to Carlito Pablo, reporter for *The Georgia Straight*, on suitable road pricing schemes for the GVRD.

October 31, 2012: Spoke on *The Morning News* about Transport 2040.

October 31, 2012: Spoke about traffic congestion and proposed replacement of the George Massey Tunnel to Ashley, a student at Langara, as part of a mock news story.

November 7, 2012: Spoke to Gordon Hoekstra, reporter for *Vancouver Sun*, about Port Mann Bridge tolls.

November 28, 2012: Spoke to Matt Kieltyka, reporter for *Metronews*, about Port Mann Bridge.

November 28, 2012: Spoke to Kelly Sinoski, reporter for *Vancouver Sun*, about UBC transit line proposal.

January 8, 2013: Spoke to James Keller, reporter for *Canadian Press* in Vancouver, about traffic congestion in Canada.

February 1, 2013: Spoke with Graeme McNaughton, senior reporter for *Humber Et Cetera*, the student newspaper at Humber College in Toronto. Covered on page 2 on February 27: <http://humberetc.com/2013/02/27/toronto-and-ottawa-looking-for-ways-to-fund-transit-growth>.

March 6, 2013: Spoke with Eric Jaffe, *The Atlantic Cities* in Washington, D.C., about transportation funding in Canada and how it compares with the U.S.

March 11, 2013: Spoke with Jill Drews, reporter for *News 1130*, about replacement of Massey Tunnel.

March 13, 2013: Spoke with Philip Till on *CKNW Radio*, *The Morning News*, about proposed Broadway transit line.

March 18, 2013: Spoke on CBC "Maritime Noon", *Maritime News*, Nova Scotia, hosted by Norma Lee, about possibility of road tolls in Nova Scotia.

June 4, 2013. Spoke to Anita at News 11 Radio about whether road tolls would help businesses located south of the Fraser River.

September 30, 2013. Spoke on radio program, Chad Varhaug *The World Today*, about prospective \$1.00 toll on all bridges in the Greater Vancouver Regional District.

November 6, 2013. Spoke to Elaine O'Connor of *The Province* about Tom Tom's study claiming that Vancouver has worse congestion than Los Angeles.

November 20, 2013. Spoke to student at Langara College about traffic congestion in the Greater Vancouver Regional District and priorities for spending (public transit vs. roads vs. bicycle lanes).

December 2, 2013. Spoke to Anita at News 11 Radio about the South Fraser Perimeter Road which was scheduled to open in December.

December 2, 2013. Spoke to CBC about imposing tolls at border crossings.

January 29, 2014. Spoke to Elaine O'Connor at *The Province* about the projected 700,000 increase in registered vehicles in the Greater Vancouver Regional District. by 2041.

February 3, 2014. Interviewed at UBC office by two-person crew of Citytv Vancouver.

March 25, 2014. Spoke to Keith Norbury, writer for *Canadian Sailways* (<http://www.keithnorbury.com/>), about Project Cargo.

July 10, 2014: Spoke to Alison Bailey, Reporter for News1130 Radio, about whether bicycle lanes help to attract young adults to move to cities and travel by bicycle. Quoted in: Bailey, Alison (2014), "Bike lanes are popping up all over North America to attract young people to cities: report", *News1130*, July 11 (<http://www.news1130.com/2014/07/11/bike-lanes-are-popping-up-all-over-north-america-to-attract-young-people-to-cities-report/>)

July 2, 2014: Spoke to Tom Frank, reporter for *USA Today*, about study for Canadian TSB on Post-Impact Fire Risks. Quoted in article sent by Frank on October 28, 2014 (<http://www.usatoday.com/longform/news/nation/2014/10/27/plane-fires-crashes-deaths/16530225/>).

October 2, 2014: Spoke to Ali Crane, student in Langara journalist program, about how to deal with congestion at new urban developments.

October 17, 2014: Spoke to Glen Bowerman on the future of highways.

October 21, 2014: Spoke to Frances Bula, reporter for The Globe and Mail, about counter-flow lanes to relieve congestion in Vancouver.

November 6, 2014: Spoke to Tina Lovgreen, Chase Producer, CBC News Vancouver, about problems at B.C. Ferries.

January 15, 2015: Spoke to Chris Slater, second-year journalism student at Langara College, about traffic congestion in Metro Vancouver.

January 16, 2015: Spoke to Noor Javed, reporter for the Toronto Star, about proposed highway from Vaughan to Milton in the Greater Toronto and Hamilton Area. Quoted in: Javed, Noor (2015), "GTA West highway: Forward thinking or retro mistake?", The Star, January 30 (<http://www.thestar.com/news/gta/transportation/2015/01/30/gta-west-highway-forward-thinking-or-retro-mistake.html>)

January 21, 2015: Spoke to Chris Slater, second-year journalism student at Langara College, about parking spots for Car2Go and Uber.

January 23, 2015: Spoke on CKNW radio about tolling all bridges and highway in Metro Vancouver.

February 3, 2015, Spoke to Jodie Martinson, NPR Morning Edition Host and Reporter at Boise State Public Radio, about the upcoming transit referendum.

February 17, 2015, Spoke to Frank Luba, The Province, about the upcoming transit referendum. Sent him a two-page list of arguments for and against the Metro Vancouver Congestion Improvement Tax.

February 17, 2015, Spoke to Matt Kieltyka, Metro News, about the upcoming transit referendum. Article appeared that day in Metro News.

February 17, 2015, Talked to Claudia Kwan, Global TV news, about the upcoming transit referendum. Interviewed via Skype for 2-3 minutes.

February 17, 2015, Talked to Kristen Robinson, Global BC/BC1, about the upcoming transit referendum. Interviewed via Skype by Aaron McArthur for about 4 minutes.

February 18, 2015, Talked to Sydney R. Holloway, Evolution 1079 News Radio, about Translink.

February 18, 2015, Talked to Frances Bula, The Globe and Mail, about the prospects for success in the transit referendum.

February 20, 2015, Talked live on News1130 Radio about the loss of support for the Yes side in the transit referendum.

February 20, 2015, Talked to Kelly Sinoski, Vancouver Sun, about the loss of support for the Yes side in the referendum.

February 24, 2015: Spoke to Tina Lovgreen, Chase Producer, CBC News Vancouver, about a petition for government to take back BC Ferries.

February 26, 2015: Spoke to David Ball, reporter for Tyee News, about the potential impact of the transit referendum on NightBus service. Quoted in March 18 article ([http://www.thetyee.ca/News/2015/03/18/Transit-Vote-Myths/?utm_source=mailoutinteractive&utm_medium=email&utm_campaign=\[Sauder%20in%20the%20News\]%20March%201%20-%202031](http://www.thetyee.ca/News/2015/03/18/Transit-Vote-Myths/?utm_source=mailoutinteractive&utm_medium=email&utm_campaign=[Sauder%20in%20the%20News]%20March%201%20-%202031))

March 2, 2015: Spoke to Sunny Oh, writer for Ubysey, about the impact of the transit referendum on UBC students.

March 4, 2015: Spoke to Bruce Constantineau, reporter for The Vancouver Sun, about predicting future ridership on new transit infrastructure.

March 5, 2015: Spoke to Alison Bailey, reporter for News 1130, about predicting future ridership on new transit infrastructure.

March 9, 2015: Spoke to Jeff Nagel, reporter for Black Press, about various topics related to the transit referendum. Quoted in ([http://www.bclocalnews.com/news/297932191.html?utm_source=mailoutinteractive&utm_medium=email&utm_campaign=\[Sauder%20in%20the%20News\]%20March%201%20-%2031](http://www.bclocalnews.com/news/297932191.html?utm_source=mailoutinteractive&utm_medium=email&utm_campaign=[Sauder%20in%20the%20News]%20March%201%20-%2031))

March 9, 2015: Spoke at CBC downtown (700 Hamilton St.) studio on Stephen Quinn's radio show "On The Coast" about the transit referendum. Aired on March 10.

March 10, 2015: Spoke to John Ackermann, Anchor/Reporter for CKWX News1130 Radio, about value capture methods of paying for public transit. Quoted in March 15 article ([http://www.news1130.com/2015/03/15/developers-can-fund-transit-but-cant-replace/?utm_source=mailoutinteractive&utm_medium=email&utm_campaign=\[Sauder%20in%20the%20News\]%20March%201%20-%2031](http://www.news1130.com/2015/03/15/developers-can-fund-transit-but-cant-replace/?utm_source=mailoutinteractive&utm_medium=email&utm_campaign=[Sauder%20in%20the%20News]%20March%201%20-%2031))

March 30, 2015: Spoke to Frank Luba, reporter for The Province, about Tom Tom's new report indicating that the congestion index for Vancouver is the same as last year.

March 9, 2015: Spoke to Jeff Nagel, reporter for Black Press, about various topics related to the transit referendum. Quoted in: Nagel, Jeff (2015), "Referendum questions: Will road pricing or new bridge tolls also come?", BC Local News, April 6, (<http://www.bclocalnews.com/news/298828411.html> [May 6, 2015])

May 22, 2015: Spoke to Jodie Martinson at CBC radio regarding transit reliability in Vancouver.

May 27, 2015: Spoke to Kelly Sinowski of The Vancouver Sun about the transit referendum plebiscite.

July 6, 2015: Spoke to Kelly Sinowski of The Vancouver Sun about the proposed Public Private Partnership for the rail line in Surrey.

July 29, 2015: Spoke to Simon Druker at News 1130 about Car2Go's planned entry to Vancouver in September.

September 3, 2015: Spoke to John ___ of The Province regarding the Arbutus Corridor (Q&A posted by Sauder).

September 16, 2015: Spoke to Anita Bathe at News 1130 about Australian-based company planning to provide service directly from downtown Vancouver to downtown Victoria.

November 2, 2015: In-situ camera and Skype interviews with Claudia Kwan of Global News about road pricing in response to release of Ecofiscal Commission report. (<http://globalnews.ca/video/2314438/ubc-expert-discusses-report-suggesting-drivers-pay-more-tolls-to-reduce-congestion/>)

November 6, 2015: Spoke to Rachel Collier of The Globe and Mail regarding consumer complaints about Uber, and the prospects of coexistence of Uber with conventional tax companies.

November 27, 2015: Interviews regarding delays on the Evergreen Line:

Spoke via telephone to Penny Daflos, CTV News Reporter, CTV News.

Spoke via telephone to Anita Bathe, News 1130.

Spoke via telephone to Farrah Merali, CBC radio.

Spoke via Skype to Lynn Collier, Global News.

Spoke via telephone to Kelly Sinowski of Vancouver Sun.

Spoke via telephone live to Simie Sarah.

Responded via email to questions from Emma Crawford Hampel, Business in Vancouver Media Group.

Camera interview with Kezhing Li, Fairchild TV.

Spoke by telephone to reporter for The Globe and Mail.

Spoke by telephone to reporter for Singtao newspaper.

December 1, 2015: Spoke live to Ish Sharma and 2 other hosts from Spice Radio about the Evergreen Line delay.

December 1, 2015: Spoke to Kurt Lapointe, producer of Roundhouse Radio, about the Evergreen Line delay.

December 16, 2015: Spoke to Scott Roberts, CTV News, about the new George Massey Bridge.

January 15, 2016: Spoke on camera with Nadia Stewart, Global News, about Uber's entry to Vancouver.

January 27, 2016: Spoke to Dan Fumano, The Province, about the Vancouver taxi industry and Uber.

February 10, 2016: Responded via email to questions from Andria Simmons, state transportation reporter for The Atlanta Journal-Constitution, about truck-only lanes in North America.

March 16, 2016: Spoke with a reporter from CTV News about a proposal by Delta Mayor Lois Jackson to impose a \$1 toll on all bridges in Metro Vancouver.

March 18, 2016: Spoke to Sandor Gyarmati, reporter for the Delta Optimist, about Delta Mayor Lois Jackson's proposal (<http://www.delta-optimist.com/news/simple-tolling-system-could-work-ubc-professor-1.2217238>)

March 24, 2016: Spoke in office on TV to reporter for Fairchild TV about road pricing in Metro Vancouver.

March 24, 2016: Spoke to reporter from Sing Tao Daily.

April 29, 2016. Spoke to Kelly Sinowski, reporter for Vancouver Sun, about a possible transit strike.

May 11, 2016. Spoke to Miguel Santa Maria, writer for Alta (sfalta.com) - a digital media startup, on absence of Uber from Vancouver.

May 26, 2016. Spoke to reporter from the Delta Optimist about the mayors' recent proposal to pay for transit using a combination of property taxes, transit fares and perhaps road pricing.

May 26, 2016. Spoke on radio to KC Phillips, host of daily talkshow on SiriusXM 146 Road Dog Trucking Radio.

May 27, 2016. Spoke via Skype to Sonia Sunger, Anchor/Producer for Global News BC1.

May 31, 2016. Spoke to Kelly Sinowski, reporter for Vancouver Sun, on tolling in Metro Vancouver.
<http://www.theprovince.com/news/more+metro+vancouver+tolls+fees+coming+roads+near/11957839/story.html>

June 1, 2016. Spoke in person to Timothy Taylor, Assoc. Professor of Creative Writing, about the Compass card and transit fare reform in Vancouver.

June 2, 2016. Spoke on camera in office to Richard Sussman, CBC TV, on mobility pricing in Metro Vancouver.

June 2, 2016. Spoke to Penny Daflos of CTV News regarding congestion, transit and funding.

August 25, 2016. Jointly with colleague Daniel Ding, spoke in person to Michael Mui, reporter for Vancouver 24 Hours, about paper “A data-driven approach to manpower planning at U.S.-Canada border crossings” (with Mengqiao Yu, Yichuan Ding, and Cong Shi), published in Transportation Research Part A: Policy and Practice 92, 34-47.

August 26, 2016. Spoke about border delays to Kenny Mason of NEWS 1130. Covered in: Mason, Kenny (2016), “Cutting border wait times without adding staff: UBC study”, *News 1130*, August 26 (<http://www.news1130.com/2016/08/26/cutting-border-wait-times-without-adding-staff-ubc-study/>)

August 26, 2016. Spoke about border delays on camera outside Sauder Building with Scott Hearst of CTV News.

August 26, 2016. Spoke about border delays on camera outside Sauder Building with reporter from Global News. Covered in: Slattery, Jill (2016), “Canadian border lineups could be way shorter with new scheduling technique”, *Global News*, August 26 (<http://globalnews.ca/news/2906723/canadian-border-lineups-could-be-way-shorter-with-new-scheduling-technique/>)

August 26, 2016. Spoke about border delays via Skype with Geoff Hastings from Global News (radio).

October 25, 2016. Spoke to reporter from Chinese media about prospective high-speed rail service from Vancouver to Seattle.

November 24, 2016. Spoke to Nicole Thompson, reporter at the Canadian Press, about Mayor John Tory’s plans to toll the DVP and Gardiner Expressway.

November 24, 2016. Spoke on camera at CBC studio, 700 Hamilton St., to Peter Armstrong, host of “On the Money”, on the same topic. Aired for 6:51 at <http://www.cbc.ca/news/canada/toronto/toronto-tolls-1.3867003>.

December 6, 2016. Spoke to reporter about trends in telecommuting and advantages of telecommuting in bad weather. (It snowed on December 5.)

February 2, 2017. Spoke to student Wael Kanan about rising transit ridership and car ownership in Vancouver.

March 8, 2017. Spoke to Patrick Blennerhassett, freelancer for Business in Vancouver, about transportation-related issues relevant to the upcoming election.

12. AWARDS AND DISTINCTIONS

(a) *Awards for Teaching (indicate name of award, awarding organizations, date)*

(b) *Awards for Scholarship (indicate name of award, awarding organizations, date)*

Springer-Verlag Award for best conference paper at the 37th Annual meeting of the Western Regional Science Association, Monterey, February 1998.

Runner-up Prize for best conference paper at the 2001 Canadian Transportation Research Forum, Vancouver, May 2001.

McCalla Research Professorship, University of Alberta, Sept. 2001 – June 2002.

Runner-up Prize for best conference paper at the 2004 Canadian Transportation Research Forum, Calgary, May 2004.

University of Alberta, Faculty of Arts Research Excellence Award for Full Professor, May 2008.

Ron Rice award for best conference paper at the 2009 Canadian Transportation Research Forum, Victoria, May 2009.

Best conference paper award at the Fourth Kuhmo-Nectar Conference and Summer School, Copenhagen, July 2009.

Runner-up prize for best conference paper at the 2011 Canadian Transportation Research Forum, Gatineau, May 29 – June 1, 2011.

Certificate of Excellence in Reviewing for *Transportation Research Part B*, 2013.

Runner-up Prize for best conference paper at the 50th Annual Conference of the Canadian Transportation Research Forum, Montréal, May 2015.

Distinguished Transportation Researcher Award of the Transportation Research Forum. Awarded at the 51st Annual meeting of the Canadian Transportation Research Forum, Toronto, May 4, 2016.

(c) *Awards for Service (indicate name of award, awarding organizations, date)*

(d) *Other Awards*

13. OTHER RELEVANT INFORMATION (Maximum one Page)

THE UNIVERSITY OF BRITISH COLUMBIA
Publications Record

SURNAME: Lindsey

FIRST NAME: Charles
MIDDLE NAME(S): Robin

Initials:
Date: April 21, 2015

1. REFEREED PUBLICATIONS

(a) *Journals*

- "Long term bilateral monopoly: The case of an exhaustible resource" (with T.R. Lewis and R. Ware), Rand Journal of Economics, 17(1), Spring 1986, 89-104.
- "Spatial monopoly and spatial monopolistic competition with two-part pricing" (with P. C. Coyte), Economica 55, November 1988, 461-477.
- "Schedule delay and departure time decisions with heterogeneous commuters" (with R. Arnott and A. de Palma), Transportation Research Record 1197, 1988, 56-67.
- "Import disruptions, exhaustible resources and intertemporal security of supply", Canadian Journal of Economics, 22(2), May 1989, 340-363.
- "Economics of a bottleneck" (with R. Arnott and A. de Palma), Journal of Urban Economics 27, 1990, 111-130. Reprinted in E.T. Verhoef ed. (2010), The Economics of Traffic Congestion, Edward Elgar, Vol. I, Chapter 25.
- "Supply management with intermittent trade disruptions when the probabilities are not fully known", Journal of Economic Dynamics and Control 14(1), 1990, 73-95.
- "Departure time and route choice for the morning commute" (with R. Arnott and A. de Palma), Transportation Research Part B 24B(3), 1990, 209-228. Reprinted in P. Rietveld, K. Button and P. Nijkamp (eds.), Urban Transport, Cheltenham, UK; Northampton, MA: Edward Elgar, 2003.
- "A temporal and spatial equilibrium analysis of commuter parking" (with R. Arnott and A. de Palma), Journal of Public Economics 45(3), 1991, 301-335. Reprinted in P. Rietveld, K. Button and P. Nijkamp (eds.), Urban Transport, Cheltenham, UK; Northampton, MA: Edward Elgar, 2003.
- "Does providing information to drivers reduce traffic congestion?" (with R. Arnott and A. de Palma), Transportation Research Part A 25(5), 1991, 309-318.
- "Spatial price equilibrium with vertical product differentiation and chain store ownership: An empirical analysis" (with B. Von Hohenbalken and D.S. West), Canadian Journal of Economics, 24(4), 1991, 900-922.
- "Route choice with heterogeneous users: Statics and dynamics" (with R. Arnott and A. de Palma), Regional Science and Urban Economics, 22(1), 1992, 71-102.
- "A structural model of peak-load congestion: A traffic bottleneck with elastic demand" (with R. Arnott and A. de Palma), American Economic Review, 83(1), March 1993, 161-179. Reprinted in J. Berechman, H. Kohno, K. Button and P. Nijkamp (eds.), Transport and Land Use: Modern Classics in Regional Science, Vol. 2, Cheltenham, UK; Northampton, MA: Edward Elgar, 535-553. Also reprinted in K. Button (ed.), Recent Developments In Transport Economics, Cheltenham, UK; Northampton, MA: Edward Elgar, 2003. Also reprinted in E.T. Verhoef ed. (2010), The Economics of Traffic Congestion, Edward Elgar, Vol. I, Chapter 12.
- "Properties of dynamic traffic equilibrium involving bottlenecks, including a paradox and metering" (with R. Arnott and A. de Palma), Transportation Science, 27(2), May 1993, 148-160.
- "Spatial price and variety competition in an urban retail market: A logit analysis" (with A. de Palma, D.S. West and B. von Hohenbalken), International Journal of Industrial Organization 12, 1994, 331-357.
- "The welfare effects of congestion tolls with heterogeneous commuters" (with R. Arnott and A. de Palma), Journal of Transport Economics and Policy, 28(2), 1994, 139-161. Reprinted in E.T. Verhoef ed. (2010), The Economics of Traffic Congestion, Edward Elgar, Vol. II, Chapter 28.

- "Information and usage of free-access congestible facilities with stochastic capacity and demand" (with R. Arnott and A. de Palma), International Economic Review 37(1), 1996, 181-203.
- "Spatial price discrimination: The use of parking coupons by downtown retailers" (with D. S. West), Review of Industrial Organization 12(3), 1997, 417-438.
- "An empirical analysis of retailer participation decisions in a downtown parking coupon program" (with D.S. West), Journal of Regional Science 38(1), 1998, 1-22.
- "Information, welfare and usage of congestible facilities under different pricing regimes" (with A. de Palma), Canadian Journal of Economics 31(3), 1998, 666-692. Reprinted in E.T. Verhoef ed. (2010), The Economics of Traffic Congestion, Edward Elgar, Vol. I, Chapter 29.
- "Information and time-of-usage decisions in the bottleneck model with stochastic capacity and demand" (with R. Arnott and A. de Palma), European Economic Review 43, 1999, 525-548.
- "National Pharmacare, Reference-Based Pricing, and drug R&D: A critique of the National Forum on Health's recommendations for pharmaceutical policy" (with D. S. West), Canadian Public Policy 25(1), 1999, 1-27.
- "Private toll roads: Competition under various ownership regimes" (with A. de Palma), Annals of Regional Science 34(1), 2000, 13-35. Reprinted in E.T. Verhoef ed. (2010), The Economics of Traffic Congestion, Edward Elgar, Vol. II, Chapter 5.
- "Optimal timetables for public transportation" (with A. de Palma), Transportation Research Part B 35(8), 2001, 789-813.
- "Private roads, competition, and incentives to adopt time-based congestion tolling" (with A. de Palma), Journal of Urban Economics 52, 2002, 217-241.
- "Comparison of morning and evening commutes in the Vickrey bottleneck model" (with A. de Palma), Transportation Research Record 1807, 2002, 26-33.
- "Predatory pricing in differentiated products retail markets" (with D.S. West), International Journal of Industrial Organization 21(4), 2003, 551-592.
- "Congestion pricing with heterogeneous travelers: A general-equilibrium welfare analysis" (with A. de Palma), Networks and Spatial Economics 4, 2004, 135-160.
- "Existence, uniqueness and congestion cost properties of equilibrium in the bottleneck model with heterogeneous users", Transportation Science 38(3), 2004, 293-314.
- "Locating and pricing Park-and-Ride facilities in a linear monocentric city with deterministic mode choice" (with J.Y.T. Wang and H. Yang), Transportation Research Part B 38(8), 2004, 709-731.
- "Congestion pricing on an urban road network: A study using the dynamic traffic simulator METROPOLIS" (with A. de Palma and M. Kilani), Transportation Research Part A 39(7), 2005, 588-611.
- "A comparison of second-best and third-best tolling schemes on a road network" (with A. de Palma and M. Kilani), Transportation Research Record Vol. 1932, 2005, 89-96.
- "Recent developments and current policy issues in road pricing in the US and Canada", Trasporti Europei 31, December 2005, 46-66.
- "A cost-benefit analysis of tunnel investment and tolling alternatives in Antwerp" (with S. Proost, S. Van der Loo and A. de Palma), Trasporti Europei 31, December 2005, 83-100.
- "Do economists reach a conclusion on highway pricing?: The intellectual history of an idea", Econ Journal Watch 3(2), May 2006, 292-379 (<http://www.econjournalwatch.org>).
- "Maintenance, service quality and congestion pricing with competing roads" (with A. de Palma and M. Kilani), Transportation Research Part B 41(5), June 2007, 573-591.
- "Private operators and time-of-day tolling on a congested road network" (with A. de Palma and Fang Wu), Journal of Transport Economics and Policy, 42(3), September 2008, 397-433.
- "The merits of separating cars and trucks" (with A. de Palma and M. Kilani), Journal of Urban Economics 64(2),

2008, 340–361.

- “Prospects for urban road pricing in Canada”, in G. Burtless and J. Rothenberg Pack (eds.), Brookings Wharton Papers on Urban Affairs: 2008, The Brookings Institution, 235-293.
- “Cost recovery from congestion tolls with random capacity and demand”, Journal of Urban Economics 66(1), 2009, 16–24.
- “Reforming road user charges: A research challenge for Regional Science”, Journal of Regional Science 50(1), 2010, 471-492.
- “Risk aversion, the value of information and traffic equilibrium” (with A. de Palma and N. Picard), forthcoming in Transportation Science.
- “Nonlinear pricing on private roads with congestion and toll collection costs (with Judith Wang and Hai Yang), Transportation Research Part B 45(1), 2011, 9-40.
- “Reducing urban road transportation externalities: Road pricing in theory and in practice” (with Alex Anas), accepted for publication on December 9, 2010, in Review of Environmental Economics and Policy.
- “Traffic congestion pricing methods and technologies” (with André de Palma), Transportation Research Part C doi.org/10.1016/j.trc.2011.02.010.
- “State-dependent congestion pricing with reference-dependent preferences”, Transportation Research Part B 45(10), 1501-1526 (doi.org/10.1016/j.trb.2011.06.003).
- “Step by step: Revisiting step tolling in the bottleneck model” (with E. T. Verhoef and V. van den Berg), Journal of Urban Economics 72, 2012, 46-59.
- “Road pricing and investment”, Economics of Transportation 1(1-2), 2012, 49–63.
- “Trip-timing decisions with traffic incidents” (with Mogens Fosgerau), Regional Science and Urban Economics 43, 2013, 764-782.
- “Cost recovery from congestion tolls with long-run uncertainty” (with André de Palma), Economics of Transportation, Available online 21 March, 2014. <http://dx.doi.org/10.1016/j.ecotra.2014.01.004>
- “A note on the Downs-Thomson Paradox in a self-financing two-tier queueing system” (with Pengfei Guo and Zhe George Zhang), accepted at Manufacturing & Service Operations Management, December 5, 2013.
- “Cost recovery from congestion tolls with long-run uncertainty” (with André de Palma), Economics of Transportation 3, 2014, 119-132 (<http://dx.doi.org/10.1016/j.ecotra.2014.01.004>)
- “Pre-trip information and route-choice decisions with stochastic travel conditions: Theory” (with Terry Daniel, Amnon Rapoport and Eyran Gisches), Transportation Research Part B 67, 2014, 187-207.
- “Pre-trip information and route-choice decisions with stochastic travel conditions: Experiment” (with Terry Daniel, Amnon Rapoport and Eyran Gisches), Transportation Research Part B 68, 2014, 154-172.
- “Trip-timing decisions and congestion with household scheduling preferences” (with André de Palma and Nathalie Picard), Economics of Transportation, in press March 18. doi:10.1016/j.ecotra.2015.02.001.
- “Garage and curbside parking competition with search congestion costs” (with E. Inci), Regional Science and Urban Economics 54, 2015, 49-59. 10.1016/j.regsciurbeco.2015.07.003
- “On the existence and uniqueness of equilibrium in the Bottleneck Model with atomic users” (with H. Silva, A. de Palma and V. van den Berg), accepted at Transportation Science, November 25, 2015.
- “The Downs–Thomson paradox with imperfect mode substitutes and alternative transit administration regimes” (with F. Zhang and H. Yang), accepted at Transportation Research Part B, January 27, 2016.

"A data-driven approach to manpower planning at U.S.-Canada border crossings" (with Mengqiao Yu, Yichuan Ding, and Cong Shi), Transportation Research Part A: Policy and Practice 91, September 2016, 34-47.

(b) *Conference Proceedings*

(c) *Other*

"Congestion relief: Assessing the case for road tolls in Canada", C.D. Howe Institute Commentary 248, May 2007 (<http://www.cdhowe.org>).

"Has the time come for truck-only toll lanes?", Resources for the Future, Weekly Policy Commentary, www.rff.org/weeklycommentary, posted March 16, 2009. Reprinted in I.W.H. Parry and F. Day (eds.), 2010, Issues of the Day: 100 Commentaries on Climate, Energy, the Environment, Transportation, and Public Health Policy, Resource for the Future Press, Article 76.

"Financing Roads and Public Transit in the Greater Toronto and Hamilton Area", An Independent Study Commissioned by the Residential and Civil Construction Alliance of Ontario, with Harry Kitchen, January 2013, 113 pages.

2. **NON-REFEREED PUBLICATIONS**

(a) *Journals*

"Editorial: Research challenges in modelling urban road pricing: an overview" (with A. de Palma and S. Proost), Transport Policy 13(2), March 2006, 97-105.

"Modelling and evaluation of road pricing in Paris" (with A. de Palma), Transport Policy 13(2), March 2006, 115-126.

"Policy insights from the urban road pricing case studies" (with A. de Palma and E. Niskanen), Transport Policy 13(2), March 2006, 149-161.

"Guest editorial: Introduction to the Special Issue on Road Pricing and Infrastructure Financing", International Journal of Sustainable Transportation 3(5), 2009, 285-292.

"Tolls, earmarking and optimal road capacity", International Journal of Sustainable Transportation, 3(5), 2009, 385-411.

"Introduction to the Special Issue on Funding Transportation Infrastructure" (with A. de Palma and S. Proost), Networks and Spatial Economics, DOI 10.1007/s11067-009-9110-2, published online September 29, 2009.

"Guest editorial: Introduction to the Special Issue on Transportation Economics", Transportation Research Part C, 2013, 193-195 (10.1016/j.trc.2011.12.001).

(b) *Conference Proceedings*

"Economics of a bottleneck" (with R. Arnott and A. de Palma), Proceedings of the 4th World Conference on Transport Research, Vancouver, British Columbia, May 1986, Vol. 2, World Conference on Transport Research, 1649-1668. (An earlier version of the paper published in Journal of Urban Economics.)

"Optimal departure scheduling for the morning rush hour when capacity is uncertain", in D.A. Hensher and J. King (eds.), Proceedings of the 7th World Conference on Transport Research Vol. 2, Pergamon Press, 1996, 195-211.

"Private toll roads: A dynamic equilibrium analysis" (with A. de Palma), in I.A. Kaysi and M. Harajli (eds.), Proceedings of the International Conference: Rehabilitation and Development of Civil Engineering

Infrastructure Systems, Beirut, Lebanon, June 9-11, 1997. (An earlier version of the paper published in Annals of Regional Science.)

- “Schedule competition, fare competition and predation in a duopoly airline market” (with E. Tomaszewska) in T. Oum with B. Bowen (eds), Proceedings of the Air Transport Research Group (ATRG) Sessions at the 8th Triennial World Conference on Transportation Research, Institute of Aviation, University of Nebraska at Omaha, 1999.
- “The potential benefits of a combined route guidance and road pricing system: An economic analysis” (with A. de Palma), N.H. Gartner and G. Improta, Compendium of papers presented at Second International CAPRI seminar on: Urban Traffic Networks, Hotel Palatium, Capri, July 6, 2000, 31-108.
- “Optimal bus timetables and trip timing preferences “ (with O. Mekkaoui and A. de Palma), in Z. Yang, K. Wang and B. Mao, (eds.), Traffic and Transportation Studies, Proceedings of ICTTS’ 2000, American Society of Civil Engineers, 2000, 355-363.
- “A model of curb rights in private urban transit markets” (with A. de Palma), Selected Proceedings of the 9th World Conference on Transportation Research. Also published in Proceedings of the 36th Annual Conference of the Canadian Transportation Research Forum: 2001 A Transportation Odyssey, University of Saskatchewan Printing Services, 2001, 581-596.
- “Congestion pricing in the morning and evening peaks: A comparison using the Bottleneck Model” (with A. de Palma), Proceedings of the 37th Annual Conference of the Canadian Transportation Research Forum: 2002 Transportation Visioning - 2002 and Beyond, Vancouver, May 2002, 179-193.
- “Modelling park-and-ride service in a linear monocentric city” (with J.Y.T. Wang and H. Yang), Journal of the Eastern Asia Society for Transportation Studies, 5, 2003, 1377-1392.
- “Congestion pricing on urban road networks using the dynamic traffic simulator METROPOLIS” (with A. de Palma and M. Kilani), in B.P.Y. Loo and S.W.K. Lam (eds), Proceedings of the 8th Conference of Hong Kong Society for Transportation Studies, December 13, 2003, 462-471.
- “The welfare-distributional impacts of congestion pricing on a road network”, Proceedings of the 39th Annual Conference of the Canadian Transportation Research Forum: 2004 Transportation Revolutions, Calgary, May 9-12, 2004, 149-163.
- “Congestion pricing with loss-averse drivers”, Proceedings of the 44th Annual Conference of the Canadian Transportation Research Forum: The Impact of Volatility on Canada’s Supply Chains and Transportation, Victoria, May 24-27, 2009, 549-563.
- “Road pricing, public transport and market structure” (with Alex Anas), Proceedings of the 45th Annual Conference of the Canadian Transportation Research Forum: Transportation and Logistics Trends and Policies: Successes and Failures, Toronto, May 30-June 2, 2010, 552-566.
- “Cost Recovery from road tolls with long-run uncertainty” (with André de Palma), Proceedings of the 46th Annual Conference of the Canadian Transportation Research Forum: Transportation and Logistics Trends and Policies: Successes and Failures, Gatineau, May 29 – June 1, 2011, 513-527.
- “The case and opportunity for efficient modal pricing of urban transportation”, Transportation Policy and Strategy White Paper & Conference: Reforming Canada’s Transportation Policies for the 21st Century, Calgary, November 29, 2011.
- “Road pricing and Investment”, Proceedings of the 47th Annual Conference of the Canadian Transportation Research Forum: Sustainable Transportation: Economic, Social and Environmental Perspectives, Mount Royal University, Calgary, June 3-6, 2012, 233-247.
- “Optimal fares and capacity decisions for crowded public transport systems” (with A. de Palma and G. Monchambert), Proceedings of the 50th Annual Conference of the Canadian Transportation Research Forum: Another 50 Years: Where to From Here?, Montreal Marriott Chateau Champlain, Montréal, May 24-26, 2015, 412-426.

“Optimal transit pricing with crowding and traffic congestion: A dynamic equilibrium analysis” (with A. de Palma and G. Monchambert), Proceedings of the Joint Annual Conference of the Canadian Transportation Research Forum and the US Transportation Research Forum, DoubleTree by Hilton Toronto Downtown, May 1-4, 2016.

(c) *Other*

“Experiences from the United States and Canada”, Pricing Urban Transport 5, August 2003, p.4 (<http://www.transport-pricing.net/download/MCICAM-news5.pdf>).

Guest editorial: “Road tolls could be the cure for a congested city”, The Ottawa Citizen, May 24, 2007. Also printed in The Windsor Star, June 4, 2007 and The Montreal Gazette, June 10, 2007.

“Dedicated lanes, tolls and ITS technology”, International Transport Research Symposium, Discussion Paper No. 2009-25. Presented at Symposium on Transport Economics and Policy, The Future for Interurban Passenger Transport, Joint Transport Research Centre of the OECD and the International Transport Forum, Madrid, November 17, 2009 (<http://www.internationaltransportforum.org/Proceedings/Symp2009/4-Lindsey.pdf>)

Guest editorial: “A way out of the morass”, The Winnipeg Free Press, August 6, 2014 (<http://www.winnipegfreepress.com/opinion/analysis/a-way-out-of-the-morass-270106341.html>).

Book reviews

Judith A. Rees, Natural Resources: Allocation, Economics and Policy, Methuen & Co., 1985, in Annals of Regional Science XX(3), November 1986, 132-134.

Louis Philips, The Economics of Imperfect Information, Cambridge University Press, Cambridge, 1988, in Journal of Economic Behavior and Organization 14, 1990, 292-294.

Philip H. Bowers, Managerial Economics for the Services Industries, Chapman and Hall, 1994, in Journal of Retailing and Consumer Services 4(1), 1997, 66-68.

Richard H.M. Emmerink, Information and Pricing in Road Transportation, Berlin: Springer Verlag, 1998, Regional Science and Urban Economics, 29, 1999, 654-662.

Aura Reggiani and Laurie A. Schintler, eds., Methods and Models in Transport and Telecommunications: Cross Atlantic Perspectives, Berlin: Springer-Verlag, 2005, Journal of Regional Science 47(2), May 2007, 377-381.

Harry Richardson and Chang-Hee Christine Bae, eds., Road Congestion Pricing in Europe: Implications for the United States, Cheltenham, UK; Northampton, MA: Edward Elgar, European Journal of Transport and Infrastructure Research 9(4), December 2009, 411-313.

Roger Vickerman, ed., Recent Developments in the Economics of Transport, Cheltenham, UK; Northampton, MA: Edward Elgar, Journal of Regional Science 54(3), June 2014, 531-535.

3. BOOKS

(a) *Authored*

(b) *Edited*

Investment and the Use of Tax and Toll Revenues in the Transport Sector, Research in Transportation Economics, Vol. 19, Amsterdam: Elsevier, 2007 (with A. de Palma and S. Proost), 302 pp.

A Handbook of Transport Economics, Edward Elgar, Cheltenham, UK and Northampton, Mass, 2011 (with A. de Palma, E. Quinet and R. Vickerman), 904 pp.

(c) *Chapters*

- “Monopole bilatéral à long terme et ressources non renouvelables” (with T.R. Lewis and R. Ware), in Gaudet, G. and P. Lasserre (eds.), Ressources Naturelles et Théorie Economique, Québec: Les Presses de l'Université Laval, 1986, 133-169. (An earlier and longer version of the paper published in Rand Journal of Economics.)
- “Spatial competition and conjectural price variations in a real market setting” (with P. C. Coyte, B. Von Hohenbalken and D. West), in J.M.A. Gee and G. Norman (eds.), Market Strategy and Structure, London: Harvester-Wheatsheaf, 1993, 435-469.
- “Recent developments in the bottleneck model” (with R. Arnott and A. de Palma), in K.J. Button and E.T. Verhoef (eds.), Road Pricing, Traffic Congestion and the Environment: Issues of Efficiency and Social Feasibility, Aldershot: Edward Elgar, 1998, 79-110. Reprinted in D.A. Hensher (ed.), Transport Economics, Critical Concepts in Economics (4 Volumes), Routledge, Oxford, United Kingdom, 2011.
- “Effects of driver information in the bottleneck model”, in R.H.M. Emmerink and P. Nijkamp (eds.), Behavioural and Network Impacts of Driver Information Systems, Aldershot: Ashgate/Avebury, 1999, 15-51.
- “Congestion modelling” (with E. Verhoef), in D.A. Hensher and K.J. Button (eds.), Handbook of Transport Modelling, Oxford: Elsevier Science, 2000, 353-373. Revised version published in D.A. Hensher and K.J. Button (eds.), Handbook of Transport Modelling, Second Edition, Oxford: Elsevier Science, 2008, 417-441.
- “Traffic congestion and congestion pricing” (with E. Verhoef), in K.J. Button and D.A. Hensher (eds.), Handbook of Transport Systems and Traffic Control, Oxford: Elsevier Science, 2001, 77-105.
- “Transportation: Supply and congestion” (with A. de Palma), in N.J. Smelser and P.B. Baltes (eds.), International Encyclopedia of the Social & Behavioral Sciences, Oxford: Pergamon, Vol. 23, 2001, 15882-8.
- “Time-varying road pricing and choice of toll locations” (with A. de Palma and E. Quinet), in G. Santos (ed.), Road Pricing: Theory and Evidence, Research in Transportation Economics, Vol. 9, Elsevier Science, 2004, 107-131.
- “Basic economic concepts for pricing and financing transport systems” (with A. de Palma), in: A. de Palma and E. Quinet (eds.), La Tarification des Transports: Enjeux et défis, Economica, 2005, 37-64.
- “Urban passenger travel demand” (with A. de Palma and N. Picard), in R. Arnott and D. MacMillen (eds.), The Blackwell Companion to Urban Economics, Oxford: Blackwell Publishing, Chapter 16, 2006, 261-280.
- “Investment and the use of tax and toll revenues in the transport sector: The research agenda” (with A. de Palma and S. Proost), in A. de Palma, R. Lindsey and S. Proost (eds.), Investment and the Use of Tax and Toll Revenues in the Transport Sector, Research in Transportation Economics, Vol. 19, Amsterdam: Elsevier, 2007, 1–26.
- “Transport user charges and cost recovery” (with A. de Palma), in A. de Palma, R. Lindsey and S. Proost (eds.), Investment and the Use of Tax and Toll Revenues in the Transport Sector, Research in Transportation Economics, Vol. 19, Amsterdam: Elsevier, 2007, 29-58.
- “Comparing alternative pricing and revenue use strategies with the MOLINO model” (with A. de Palma, S. Proost and S. Van der Loo), in A. de Palma, R. Lindsey and S. Proost (eds.), Investment and the Use of Tax and Toll Revenues in the Transport Sector, Research in Transportation Economics, Vol. 19, Amsterdam: Elsevier, 2007, 113–134.
- “Synthesis of case study results and future prospects” (with A. de Palma and S. Proost), in A. de Palma, R. Lindsey and S. Proost (eds.), Investment and the Use of Tax and Toll Revenues in the Transport Sector, Research in Transportation Economics, Vol. 19, Amsterdam: Elsevier, 2007, 275–304.
- “Implementation paths for marginal-cost-based pricing in urban transport: Theoretical considerations and case study results” (with E. T. Verhoef, E. Niskanen, A. de Palma, P. Moilanen, S. Proost and A. Vold), in C.

Jensen-Butler, B. Sloth, M.M. Larsen, B. Madsen and O.A. Nielsen (eds.), Road Pricing, the Economy and the Environment, Berlin: Springer Verlag, 2008, 49-78.

4. **PATENTS**

5. **SPECIAL COPYRIGHTS**

6. **ARTISTIC WORKS, PERFORMANCES, DESIGNS**

7. **OTHER WORKS**

8. **WORK SUBMITTED (including publisher and date of submission)**

“Efficiency of subsidy schemes in reducing waiting times for public health-care services” (with Pengfei Guo and Alex Qian). Production and Operations Management. Third-round revise and resubmit requested on August 11, 2016.

“Economics of crowding in public transport” (with A. de Palma and G. Monchambert). Journal of Urban Economics. First revision submitted on March 10, 2017.

“A utility-based bicycle speed choice model with time and energy factors” (with A. Bigazzi). Transportation Research Part F: Traffic Psychology and Behaviour. First submission on September 8, 2016.

9. **WORK IN PROGRESS (including degree of completion)**

“Equilibrium in the bottleneck model with atomic and non-atomic users” (with André de Palma and Hugo Silva). 60% complete.

“Dynamic congestion with nonatomistic users (with André de Palma and Leonid Engelson). 50% complete.

“Monopoly pricing with core and side goods” (with Achim Czerny). 50% complete.

“Spillover parking” (with Murat Olus Inan and Eren Inci). 85% complete.

“Valet parking” (with Eren Inci and Gokmen Oz). 75% complete.

“The economics of cross-modal congestion and the optimal bus service” (with Fangni Zhang). 25% complete.

“Tradable permit schemes for controlling traffic congestion with variable capacity and demand (with André de Palma) 60% complete.

“A general equilibrium framework to test mobility policies” (with André de Palma and Jean Mercenier) 5% complete.

Preparation of third edition of The Economics of Urban Transportation with Kenneth Small and Erik T. Verhoef. Yet to be started.