

Curriculum Vitae

MICHAEL WILLIAM TRETHEWAY

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BIOGRAPHICAL DATA

Date of Birth: May 22, 1952
Marital status: Married
Children: Two adult children

Home Address:

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Richmond, B.C. V7E 6J2
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EDUCATION

- a) Undergraduate
1974: University of Wisconsin-Milwaukee, B.A. (Economics)
- b) Graduate
1976: University of Wisconsin-Milwaukee, M.A. (Economics)
1978: University of Wisconsin-Madison, M.S. (Economics)
1981: University of Wisconsin-Madison, Ph.D. (Economics)
- c) PhD - Thesis Title
"Productivity Growth and Returns to Scale in the U.S. Trunk Airline Industry, 1972-1978"
- d) Academic Awards and Honours
1974-75 Wisconsin-Milwaukee, University Fellowship.
1975-76 Wisconsin-Madison, University Fellowship.
Best Paper Award - Canadian Transportation Research Forum 1986
Teaching Excellence Award - University of British Columbia, Faculty of Commerce, 1987
A.T. Kearney Inc. Best Paper Award - Transportation Research Forum 1988
Honourable Mention: Best Paper Award - Canadian Transportation Research Forum, 1989
Arne Olsen Master Teacher Award - UBC Faculty of Commerce, 1990
UBC Faculty of Commerce Leadership Award, 1994
Honorary societies: Phi Beta Kappa
Phi Kappa Phi
Phi Eta Sigma

PROFESSIONAL EMPLOYMENT RECORD

- 1999-present Executive Vice President & Chief Economist, Inter *VISTAS* Consulting Group.
President of Inter *VISTAS* Consulting Inc. (Canada).
- 1997-1998 Vice President, Marketing Services, Vancouver International Strategic Services Ltd., subsidiary of the Vancouver International Airport Authority
- 1997-2000 Faculty, International Aviation Management Training Institute
- 1997-present Adjunct Professor, University of British Columbia, Faculty of Commerce and Business Administration
- 1994-1996 Special Advisor to the President, Vancouver International Airport Authority
- 1996-1998 Faculty Member, International Aviation Management Training Institute
- 1988-96 Associate Professor, Faculty of Commerce and Business Administration, University of British Columbia
- 1983-88: Assistant Professor, Faculty of Commerce and Business Administration, University of British Columbia
- 1981-83: Senior Economist, Laurits R. Christensen Associates, Inc., Research Associate, Department of Economics, University of Wisconsin
- 1978-81: Research Associate, Laurits R. Christensen Associates, Inc.
- 1976-81: Research Assistant, Economics, University of Wisconsin
- 1973-75: Tutor, Department of Learning Skills, University of Wisconsin-Milwaukee

FELLOWSHIPS

- 1994 Visiting Fellow, Australian Bureau of Transport and Communications Economics
- 1994-95 Vancouver International Airport Authority, leave support

PROFESSIONAL MEMBERSHIPS

Various years

American Economics Association
Canadian Economics Association
Midwest Economics Association
Western Economics Association
National Association of Business Economists
Econometric Society
Canadian Transportation Research Forum
Transportation Research Forum
Transportation and Public Utilities Group, AEA
Association for Public Policy Analysis and Management
Air Transport Research Society
German Aviation Research Society

PROFESSIONAL PAPERS

A. Books and Monographs

1. *Airline Economics: Foundations for Strategy and Policy*, 1992, Centre for Transportation Studies, Vancouver.
2. *Productivity in the Canadian Lumber Industry: An Inter-regional Comparison*, Forestry Canada, Information Report 0-X-411, Great Lakes Forestry Centre, 1990 [with A. Ghebremichael and D.G. Roberts].
3. *Airline Deregulation, a special issue of the Logistics and Transportation Review*, editor and author of introduction, Volume 22 (4), December 1986.
4. *Identifying and Measuring the Impact of Government Ownership and Regulation on Airline Performance*, report submitted to Economic Council of Canada and Consumer and Corporate Affairs Canada, March 1985, revised October 1986, published as a refereed technical report by the Economic Council of Canada 1987 [with T.H. Oum and D.W. Gillen].
5. *The Growth and Performance of the Canadian Transcontinental Railways: 1956-1981*, Centre for Transportation Studies, University of British Columbia, Vancouver, 1987 [with K.D. Freeman, T.H. Oum and W.G. Waters II].
6. *Deregulation and Airline Employment: Myth Versus Fact*. Centre for Transportation Studies, University of British Columbia, Vancouver, 1986 [with R.J. Andriulaitis, D.L. Frank and T.H. Oum].
7. *Airline Cost and Performance: Implications for Public and Industry Policies*, Centre for Transportation Studies, University of British Columbia, Vancouver, 1986 [with T.H. Oum and D.W. Gillen].

8. *Canadian Airline Deregulation and Privatization: Assessing Effects and Prospects*, Centre for Transportation Studies, University of British Columbia, Vancouver, 1985 [with T.H. Oum and D.W. Gillen].

B. Chapters in Books

1. "Airport Competition for Freight," (with R. Andriulaitis), in P. Forsyth, D.W. Gillen, J Mueller and H.M. Niemeier (eds.), *Airport Competition, the European Experience*, Ashgate publishing, 2010, pp. 137-147.
2. "Competition between airports: occurrence and strategy", (with I. Kincaid), in P. Forsyth, D.W. Gillen, J Mueller and H.M. Niemeier (eds.), *Airport Competition, the European Experience*, Ashgate publishing, 2010, pp. 119-136.
3. "Airport Policy in Canada: Limitations of the Not-for-Profit Governance Model," (with R. Andriulaitis), in C. Winston and Gines de Rus (eds), *Aviation Infrastructure Performance: A study in comparative political economy*, Brookings, 2008, pp. 136-155.
4. "Airport Marketing: An Oxymoron?" in G. Butler (eds.), *Handbook of Airline Marketing*, McGraw Hill, 1998.
5. "Impediments to Liberalization in Asia Pacific International Aviation," in C. Findlay (ed.), *Asia Pacific Air Transport*, 1997, pp. 65-73.
6. "Canada-U.S. Open Skies" in C. Findlay (ed.), *Asia Pacific Air Transport*, 1997, pp.154-169.
7. "Costing the Movement of Hazardous Materials by Rail," (with W.G. Waters II) in L. Moses and D. Lindstrom, eds., *Transportation of Hazardous Materials: Issues in Law, Social Science and Engineering* (Kluwer Academic Press) 1993, pp.277-294.
8. "Island Programs: The UBC Experience with a Summer Program in France," in A.M. Rugman and W.T. Stanbury (eds.), *Global Perspective: Internationalizing Management Education*, University of British Columbia Centre for International Business Studies, 1992, pp. 345-352.
9. "Canada and the Changing Regime in International Air Transport," in M. Zacher (ed.) *Canadian Foreign Policy and International Economic Regimes*, UBC Press, 1992, pp. 189-214 [with M.E. Dresner].
10. "Costing the Movement of Hazardous Materials by Rail," in L. Moses ed.) *Transportation of Hazardous Materials: Issues in Law, Social Science and Engineering*, Kluwer Academic Publishers, 1991, pp. 6-39 to 6-58 [with W.G. Waters II].
11. "Airline Deregulation in Canada," in K. Button (ed.), *Airline Deregulation: International Experiences*, David Fulton Publishers, London, 1991, pp. 124-179 [with T.H. Oum and W.T. Stanbury].

12. "Airline Deregulation in Canada and Its Economic Effects," in Hayashi (ed.), *The New Dimensions for Public Utility*, (in Japanese), 1990 [with T.H. Oum and W.T. Stanbury].
13. "An Assessment of the Efficiency Effects of U.S. Airline Deregulation via an International Comparison," in E.E. Bailey (ed.), *Public Regulation: New Perspectives on Institutions and Policies*, MIT Press, Cambridge, 1987, pp. 285-320 [with D.W. Caves, L.R. Christensen, and R.J. Windle].
14. "Air Canada," in Mark C. Baetz and Paul W. Beamish (eds.) *Strategic Management: Canadian Cases*, 1986, pp. 127-144 [with D.W. Gillen and T.H. Oum].
15. "Network Effects and the Measurement of Returns to Scale and Density for U.S. Railroads," in Andrew F. Daughety, (ed.), *Analytical Studies in Transport Economics*, Cambridge University Press, 1985, pp. 97-120 [with D.W. Caves, L.R. Christensen and R.J. Windle].
16. "Economic Performance of U.S. and Canadian Railroads: The Significance of Ownership and the Regulatory Environment," in W.T. Stanbury and F. Thompson, editors, *Managing Public Enterprises*, Praeger, New York, 1982, pp. 123-151 [with D.W. Caves, L.R. Christensen and J.A. Swanson].
17. "U.S. Trunk Air Carriers, 1972-1977: A Multilateral Comparison of Total Factor Productivity," in Thomas G. Cowing and Rodney E. Stevenson, editors, *Productivity Measurement in Regulated Industries*, Academic Press, 1981, pp. 47-76 [with D.W. Caves and L.R. Christensen].

C. Papers in Refereed Journals or Conference Proceedings

1. "Introduction," Introduction to proceedings of the 13th Hamburg Aviation Conference," *Journal of Air Transport Management*, forthcoming (expected January 2012). [with H.M. Niemeier]
2. "Introduction," Introduction to proceedings of the 12th Hamburg Aviation Conference," *Journal of Air Transport Management*, January 2011, Vol. 17 (1), pp. 1-2. [with H.M. Niemeier]
3. "Introduction," Introduction to proceedings of the 11th Hamburg Aviation Conference," *Journal of Air Transport Management*, July 2009, Vol. 15 (1), pp. 103-105. [with H.M. Niemeier]
4. "Emerging Tourism Markets: Ageing and Developing Economies," (with D Mak) *Journal of Air Transport Management*, 2006.
5. "The Effect of Market Structure on Airline Prices: A Review of Empirical Results", (With I Kincaid), *Journal of Air Law and Commerce*, 2005, Vol. 70 (3), pp. 467-498.
6. "Distortions of Airline Revenues: why the network airline business model is broken," *Journal of Air Transport Management*, 2004, Vol. 10, pp. 3-14.

7. "The Economics and Politics of Taxation and Subsidies for Ports and Airports," *Proceedings of the International Association of Maritime Economists*, Panama, November, 2002, pp. 12 (with Trevor Heaver).
8. "Labour Payouts, Productivity Measurement and Price Cap Regulation," (with W.G. Waters II), *Proceedings*, (U.S. Transportation Research Forum, San Antonio, TX (October 1996) Vol. 2, 688-698, 2000. Also published in *Journal of the Transportation Research Forum* (2000), Vol. 39 (1), pp. 131-144.
9. "Labour payouts, productivity measurement and the price cap approach to regulation" (with W.G. Waters II) *Journal of Transportation Research Forum*, 2000.
10. "Comparing Total Factor Productivity and Price Performance: Concepts and Applications to Canadian Railways", (with W.G. Waters II) *Journal of Transport Economics & Policy*, Vol. 33 (2), pp. 209-220, 1999.
11. "Reregulation of the Airline Industry -- Could Price Cap Regulation Make a Contribution?" (with W.G. Waters II), *Journal of Air Transport Management* Vol. 4, 1998, 47-53.
12. "The Total Factor Productivity of Canadian Railways, 1956-1991," (with W.G. Waters II and A.K. Fok) *Journal of Transport Economics and Policy*, January 1997, pp.93-113.
13. "Aggregation and Accuracy in Measuring Total Factor Productivity: Evidence from Rail Productivity Studies," (with W.G. Waters II) *Journal of Transportation Research Forum*, Vol. 25:2, 1995.
14. "A Sensitivity Analysis of Total Factor Productivity Measurement: Evidence from Rail Productivity Studies," (with W.G. Waters II), *World Transport Research (refereed Proceedings of the World Conference on Transport Research)* Vol. 4, Transport Management, (New York: Elsevier), 1995.
15. "Modelling and Testing the Effect of Market Structure on Price: The Case of International Air Transport," *Journal of Transport Economics and Policy*, 1992, pp.171-184 [with M.E. Dresner].
16. "ICAO and the Economic Regulation of International Air Transport," *Annals of Air and Space Law*, Vol. 17, Part II, 1992, pp. 195-211 [with M.E. Dresner].
17. "Concepts, Methods and Purposes of Productivity Measurement in Transportation," *Transportation Research-A*, 1992, Vol. 26A No. 6, pp.493-505 [with T.H. Oum and W.G. Waters II].
18. "A Comparison of the Productivity Performance of the U.S. and Canadian Pulp and Paper Industries," *Journal of Business Administration*, Vol. 20 (1), 1992, pp. 212-235, [with T.H. Oum], also in *Emerging Issues in Forest Policy*, P.N. Nemetz (ed.) 1992, UBC Press, Vancouver, pp. 212-235.

19. "A Note on Capacity Utilization and the Measurement of Scale Economies," *Journal of Business and Economic Statistics*, January 1991, Vol. 9 (1), pp. 119-123 [with T.H. Oum and Y. Zhang].
20. "Airline Deregulation in Canada and its Economic Effects," *Transportation Journal*, Vol. 30 (4), Summer 1991, pp.4-22 [with T.H. Oum and W.T. Stanbury].
21. "Productivity Adjustment to Price Levels in Regulated Rail Markets: Recent Developments in Canada and the United States," *Journal of the Transportation Research Forum*, 1991 Vol. 32 (1), pp. 172-181.
22. "Globalization of the Airline Industry and Implications for Canada," *The Logistics and Transportation Review*, Vol. 26(4), December 1990, pp. 357-367; paper also appeared in *Proceedings*, Canadian Transportation Research Forum, University of Saskatchewan Printing Services, June 1990, pp. 150-159; paper appeared in *The Advocate*, Vancouver Bar Association.
23. "Allocation of Airline Seats Between Stochastically Dependent Demands," *Transportation Science*, August 1990, Vol. 24(3), pp. 183-192 [with S.L. Brumelle, J.I. McGill, T.H. Oum, and K. Sawaki].
24. "Productivity Performance of the Canadian Pulp and Paper Industry," *Canadian Journal of Forest Research*, Vol. 20, No. 6, pp. 825-836, June 1990 [with A. Ghebremichael, D. Frank and T.H. Oum].
25. "Airline Cost Structure and Policy Implications: A Multi-product Approach for Canadian Airlines," *Journal of Transport Economics and Policy*, January 1990, pp.9-34 [with D.W. Gillen and T.H. Oum].
26. "Airline Hub and Spoke Systems," *Journal of the Transportation Research Forum*, Vol. XXX (2), 1990, pp. 380-393 [with T.H. Oum].
27. "Frequent Flyer Programs: Marketing Bonanza or Anti-Competitive Tool?" *Proceedings*, Canadian Transportation Research Forum, University of Saskatchewan Printing Service, May 1989, pp. 433-446. This paper won honourable mention for best paper. This paper was also published in *Journal of the Transportation Research Forum*, Vol. XXX (1), 1989 pp. 195-201.
28. "Privatization of Air Canada: Why is it Necessary in a Deregulated Environment," *Canadian Public Policy*, Vol. 15 (3), September 1989, pp. 285-299 [with D.W. Gillen and T.H. Oum].
29. "Hedonic versus General Specifications of the Translog Cost Function," *Logistics and Transportation Review*, Vol. 25 (1), March 1989, pp. 3-21 [with T.H. Oum].
30. "The Canada - U.S. Air Transport Bilateral: Will It Be Freed?" *Transportation Practitioners Journal*, Vol. 56 (4), Summer 1989, pp. 393-405, also in *Proceedings*, Canadian Transportation Research Forum, University of Saskatchewan Printing Services, May 1988 [with M.E. Dresner and C. Hadrovic]. Excerpts also appear in *Air Transport Management*, March/April 1988, Vol. 1 (1).

31. "Ramsey Pricing in the Presence of Externality Costs," *Journal of Transport Economics and Policy*, September 1988, pp. 307-317 [with T.H. Oum].
32. "Duopoly in Canada's Airline Industry: Consequences and Policy Issues," *Canadian Public Policy*, Vol. 14 (1), March 1988, pp. 15-31 [with D.W. Gillen and W.T. Stanbury].
33. "The Changing Role of IATA: Prospects for the Future," *Annals of Air and Space Law*, Vol. 13, 1988 pp. 3-23 [with M.E. Dresner].
34. "Airport Pricing Policies: An Application to Canadian Airports," *Journal of the Transportation Research Forum*, Vol. XXIX, No. 1, 1988. This paper won the A.T. Kearney Inc. Best Paper award at the Transportation Research Forum, Toronto, 1988 [with D.W. Gillen and T.H. Oum].
35. "Policy Choices for Canada in International Air Transport," in *International Business*, Ann Gregory (ed.), refereed proceedings of the Administrative Sciences Association of Canada, Vol. 8, No. 8, June 1987, pp. 83-94 [with M.E. Dresner].
36. "Airline Deregulation: A Bibliography," *Logistics and Transportation Review*, Volume 22 (4), December 1986, pp. 449-489 [with W.T. Stanbury].
37. "Airline Seat Management," *Logistics and Transportation Review*, Vol. 22 (2), June 1988, pp.115-130. Paper also appeared in Proceedings, Canadian Transportation Research Forum, University of Saskatchewan Printing Services, May 1986, pp. 232-245. This paper won the 1986 award for best paper on a management topic. Because of the award, the paper also appeared in the September 1986 Proceedings of the Transportation Research Forum [with D.J.H. Kraft and T.H. Oum].
38. "Entry Barriers and Anti-competitive Behaviour in a Deregulated Airline Market: The Case of Canada," in *International Journal of Transport Economics*, Vol. 15 (1), February 1988; also published in Proceedings, Canadian Transportation Research Forum, University of Saskatchewan Printing Services, May, 1986, pp. 483-493. This paper won the 1986 award for best paper on a policy topic. Because of the award, the paper also appeared in the Sept. 1986 Proceedings of the Transportation Research Forum, [with D.W. Gillen and T.H. Oum].
39. "The Effect of New Entry on Productivity Growth in the U.S. Airline Industry: 1947-1981," *Logistics and Transportation Review*, Vol. 21, No. 4, December 1985, pp. 299-335 [with D.W. Caves, L.R. Christensen, and R.J. Windle].
40. "The Total Factor Productivity of the Canadian Class I Railways: 1956-1981," *Logistics and Transportation Review*, Vol. 21, No. 3, September 1985, pp. 249-276 [with K.D. Freeman, T.H. Oum and W.G. Waters II].
41. "Economies of Density Versus Economies of Scale: Why Trunk and Local Service Airline Costs Differ," *Rand Journal of Economics*, Winter, 1984, pp. 471-489 [with D.W. Caves and L.R. Christensen].

42. "Reforming Canadian Airline Regulation," *Logistics and Transportation Review*, Vol. 20 No. 3, September 1984, pp. 261-284 [with T.H. Oum].
43. "Productivity Performance of U.S. Trunk and Local Service Airlines in the Era of Deregulation," *Economic Inquiry*, July 1983, Vol. 21, No. 3, pp. 312-324 [with D.W. Caves and L.R. Christensen].
44. "Flexible Cost Functions for Multiproduct Firms," *Review of Economics and Statistics*, August 1980, pp. 477-481 [with D.W. Caves and L.R. Christensen].

D. Selected Non-consulting Reports

1. "The Feasibility of Grain-Specific Productivity Measurement for Regulating Railway Grain Rates in Canada," (with W.G. Waters II), for the Canadian Transportation Agency, Ottawa/Hull, 18pp. 14 March 1997.
2. "The Economic Impact of the Vancouver International Airport: Summary Report" February 1995.
3. "The Employment and Economic Impact of the Vancouver International Airport," February 1995 [with L. Erbe and K. Tse].
4. "A Study of Economic Multipliers and their Application to the Economic Impact of the Vancouver International Airport," February 1995 [with K. Tse].
5. "The Employment Impact of a South Airport Floatplane operator: Harbour Air", February 1995 [with L. Erbe and K. Kotlarchuk.].
6. "The Employment Impact of Cathay Pacific's three times weekly cargo service," February 1995 [with S. Lui].
7. "The Economic Impact of a Transpacific Cargo Service" November 1994, for the Vancouver International Airport [with S. Lui].
8. "The Economic Impact Of A South Airport Operator: The Case Of Harbour Air," November 1994, for the Vancouver International Airport [with K. Kotlarchuk and L. Erbe].
9. "The Potential for Separating Rail track infrastructure from rail transportation," November 1994, for the Bureau of Competition Policy.
10. "Measuring Productivity Performance and Financial Returns for Canadian National and CP Rail, 1956-1991", UBC Centre for Transportation Studies. March 1994, 302pp.
11. "Report of the Ministerial Task Force on International Airline Policy," July 1992. [I was Director of Research for the Task Force].

12. "Monopoly versus Duopoly in Canada's Airline Industry: Policy Alternatives and Consequences," prepared for the Economic Research Branch, Transport Canada, October 1991 [with T.H. Oum].
13. "Comments on Transport Canada's Proposed New Cost Recovery Policy: Phase II Discussion Paper," March 1991 [with T.D. Heaver, G.C. Chow, T.H. Oum and W.G. Waters II].
14. "Critical Review of Economic Analysis of Capacity Enhancement Strategies for Vancouver International Airport," review submitted to Vancouver International Airport's Airside Capacity Enhancement Management Team, November 1989.
15. "Review of Research Report on URCS Regression Equations," in U.S. Interstate Commerce Commission, Uniform Railroad Costing System: Research Report, July 1988, Washington, DC [with W.G. Waters II].
16. "A Study of Peak Period Pricing with an Application to Toronto International Airport," report submitted to Airports Authority Group and Cost Recovery and Evaluation, Transport Canada, May 1988 [with D.W. Gillen and T.H. Oum].
17. "Alberta's Air Transportation System: Strategic Forces and Structural Alternatives," report submitted to Alberta Economic Development, April 1988 [with D.G. Dale, D.L. Frank, S.J. Ling and T.H. Oum].
18. "Logistical Marketing and Vancouver International Airport: The Need for a Strategic Approach," report prepared for Asia Pacific Committee and B.C. Department of Regional and Industrial Expansion, October 1987.
19. "Development of Vancouver International Airport: Environment and Factors Affecting Success," report prepared for Asia Pacific Committee, and B.C. Department of Regional and Industrial Expansion, September 1987.
20. "Bill C-18 Rail Labour Impact Study," submitted to Transport Canada, March 1987 [with the Trade and Transportation Group and the Productivity Study Group, UBC].
21. "The Impact of Bill C-18 on Employment in the Canadian Railway Industry," published as a Technical Report, Transport Canada, February 1987, [with F.W. Trotter].
22. "The Emergence of Airline Families: Issues of Control," report prepared for the Canadian Airline Pilots Association, February 1987.
23. "Grain Costing Indices," confidential report prepared for Trade and Transportation Group for submission in regulatory hearings, Ottawa, November 1986.
24. "Pricing Policies for Canadian Airports with an Emphasis on Airfield Operations," a report prepared for Airports Task Force, Transport Canada, September 1986, [with D.W. Gillen and T.H. Oum].

25. "Pricing Principles for Canadian Airports," a report prepared for Airports Task Force, Transport Canada, July 1986, [with A. Manoucheri, D.W. Gillen and T.H. Oum].
26. "Predatory Pricing in a Deregulated Canadian Airline Industry," confidential report submitted to Bureau of Competition Policy, Consumer and Corporate Affairs Canada, February 1986, [with D.W. Gillen and T.H. Oum].
27. "The Structure of the Canadian Airline System and the Expected Impact of the Movement Toward Deregulation," Three volume report submitted to Treasury Board of Canada, March 1985, [with T.H. Oum and D.W. Gillen].

E. Selected Testimony Provided

1. "Statement of Michael W. Tretheway" for a Canadian railway, testimony provided to rail rate arbitrator appointed under the rail rate arbitration provisions of the Canada Transportation Act, 2011.
2. "Statement of Michael W. Tretheway" for Sault Ste. Marie Airport Development Corporation, testimony provided to Supreme Court of Ontario, 2011.
3. "Statement of Michael W. Tretheway" for a Canadian railway, testimony provided to rail rate arbitrator appointed under the rail rate arbitration provisions of the Canada Transportation Act, 2010.
4. "Statement of Michael W. Tretheway" for Toronto Port Authority, testimony provided to Supreme Court of Ontario, 2010.
5. "Statement of Michael W. Tretheway" for Virgin Blue Airlines, testimony provided to Australia Competition and Consumer Commission, 2010.
6. Various statements, testimony provided to Supreme Court of New South Wales, testimony provided for Southern Cross Airports Corporation Ltd. Pty, first statement beginning November 2009.
7. "Statement of Michael W. Tretheway" for a Canadian railway, testimony provided to rail rate arbitrator appointed under the rail rate arbitration provisions of the Canada Transportation Act, 2009.
8. Statement of Michael W. Tretheway, for Vancouver International Airport Authority, testimony provided to Supreme Court of British Columbia, 2008. [commercial lease issues]
9. Statement of Michael W. Tretheway, for Gander International Airport Authority, testimony provided to Supreme Court of Newfoundland, 2008.

10. "Statement of Michael W. Tretheway" for a Canadian railway, testimony provided to rail rate arbitrator appointed under the rail rate arbitration provisions of the Canada Transportation Act, 2008.
11. "Statement of Michael W. Tretheway" for WestJet, testimony provided to Canadian Transportation Agency, 2007. [on board oxygen issues]
12. "Report of Michael W. Tretheway on the issue of potential changes to the Regulatory Control Provisions under the Commerce Act, 1986," report provided to New Zealand Ministry of Economic Development Review of Regulatory Control Provisions, 2007.
13. "Issues in Establishing Domestic Aeronautical Charges at Sydney Airport", report provided for Sydney Airport Corporation Ltd., to Australia Consumer and Competition Commission, 2007.
14. "Statement of Michael W. Tretheway" for Air New Zealand and Qantas, testimony provided to Australia Competition and Consumer Commissioner, 2006.
15. "Statement of Michael W. Tretheway" for Hallcon Crew Transport , testimony provided to British Columbia Passenger Transport Board, 2006.
16. "Statement of Michael W. Tretheway" for a Canadian railway, testimony provided to rail rate arbitrator appointed under the rail rate arbitration provisions of the Canada Transportation Act, 2006.
17. "Statement of Michael W. Tretheway" for Westfield Management Ltd. and Centra Ltd. testimony provided to Federal Court of Australia (Queensland), 2005.
18. "Statement of Michael W. Tretheway" for Gander International Airport Authority , testimony provided to Newfoundland Property Assessment Review Board, 2005.
19. "Statement of Michael W. Tretheway" for WestJet, testimony provided to Canadian Transportation Agency, 2005. [one person one fare issues]
20. "Statement of Michael W. Tretheway" for a Canadian railway, testimony provided to rail rate arbitrator appointed under the rail rate arbitration provisions of the Canada Transportation Act, 2004.
21. "Statement of Michael W. Tretheway" for a Canadian railway, testimony provided to rail rate arbitrator appointed under the rail rate arbitration provisions of the Canada Transportation Act, 2004.
22. "Statement of Michael W. Tretheway" for CN, testimony provided to Canadian Commissioner of Competition, 2004.
23. "Statement of Michael W. Tretheway" for Air New Zealand and Qantas, testimony provided to Australia Competition Tribunal, 2004. [alliance and investment authorisation request in Australia]

24. "Statement of Michael W. Tretheway" for Qantas and Air New Zealand, testimony provided to New Zealand Commerce Commission, 2003. [alliance and investment authorisation request in New Zealand.]
25. "Statement of Michael W. Tretheway" for Hallcon Transport Services, testimony provided to the British Columbia Motor Carrier Commission, 2003.
26. "The Case for a Regulatory Mechanism for Airport Charges at Hong Kong International Airport" for Cathay Pacific Airlines, report provided to Hong Kong Executive-in-Council, 2003.
27. "Statement of Michael W. Tretheway" for Qantas and Air New Zealand, testimony provided to New Zealand Appeals Court, 2003. [alliance and investment authorisation request in New Zealand, appeal]
28. "Statement of Michael W. Tretheway" prepared for the Commissioner of Competition, testimony provided to Supreme Court of Quebec, 2002.
29. "Statement of Michael W. Tretheway" prepared for the Commissioner of Competition, testimony provided to Canadian Competition Tribunal, 2002. [predation issues]
30. "Statement of Michael W. Tretheway" for Canadian Auto Workers, testimony provided to Canadian Industrial Labour Board, 2002.
31. "Statement of Michael W. Tretheway" for a Canadian railway, testimony provided to rail rate arbitrator appointed under the rail rate arbitration provisions of the Canada Transportation Act, 2002.
32. "Statement of Michael W. Tretheway" for AUT Technologies,, testimony provided to U.S. circuit court, 2002.
33. "Statement of Michael W. Tretheway" for International Air Transport Association, testimony provided to Australia Consumer and Competition Commission, 2001.
34. "Statement of Michael W. Tretheway" for Vancouver International Airport Authority, testimony provided to Supreme Court of British Columbia, 2000. [noise compensation]
35. "Statement of Michael W. Tretheway" for Lufthansa, United and SAS, testimony provided to the European Commission, 1999.
36. "Statement of Michael W. Tretheway" for Comair Pty Ltd. (South Africa), testimony provided to South African Civil Aviation Tribunal, 1997.
37. "Statement of Dr. Michael W. Tretheway," prepared on behalf of Qantas Airways Ltd., to the New Zealand Commerce Commission, 1996. [Air NZ - Ansett NZ acquisition]

38. "Statement of Dr. Michael W. Tretheway," prepared for T1T2 Ltd., to the Federal Court of Canada, December 1995.
39. "Preliminary Comments on the proposed acquisition of CAST by CP Ltd. subsidiary CANMAR," confidential report prepared for counsel for Bureau of Competition Policy, 23 March 1995.
40. "Report on the Growth and Prospects of Regional Carriers," for the Air B.C. Master Executive Council before a labour arbitrator, November 1994.
41. "Statement of Michael W. Tretheway," for Qantas Airways and British Airways before the Australian Trade Practices Commission, September 1994. Additional statements were filed in October 1994, December 1994, January 1995.
42. "Statement in support of the Director of Investigation and Research," submitted to National Transportation Agency, oral testimony given 14 April 1993.
43. "Statement in Support of the Director of Investigation and Research Gemini 106 Application," submitted to the Competition Tribunal, 30 December 1992, oral statement 9 February 1993.
44. "Verified Statement" submitted to U.S. Interstate Commerce Commission on behalf of the Association of American Railroads, Ex Parte 431 (Sub. No. 2), 14 August 1991.
45. "Verified Statement" submitted to U.S. Interstate Commerce Commission on behalf of the Association of American Railroads, Ex Parte 290 (Sub. No. 7), 5 April 1991. Reply verified statement submitted 6 May 1991.
46. "Submission of the Centre for Transportation Studies, UBC, to the Royal Commission on Passenger Transportation," 6 December 1990, Vancouver [with T.D. Heaver, G.C. Chow, T.H. Oum and W.G. Waters II].
47. "Submission to the Royal Commission on National Passenger Transportation on behalf of the Director of Investigation and Research: Competition Act," 15 November 1990. Submission jointly drafted with staff of the Bureau of Competition Policy and Professor George Wilson (Indiana).
48. "Statement to Commission of Inquiry on Canadian University Education," 6 November 1990.
49. "Strategic Options for Wardair," testimony prepared for the Air Crew Association of Canada (Wardair Pilots) for submission to labour arbitration hearing, November 1989. Reply testimony submitted January 1990.
50. "Verified Statement," submitted to U.S. Interstate Commerce Commission on behalf of the Association of American Railroads, Ex Parte 290 (Sub. 4), 14 August 1989 [with W.G. Waters II]. Reply verified statement submitted 29 August 1989.

51. "Physical Versus Deflated Expenditure Approaches Toward Rail Productivity Measurement," verified statement prepared for the Association of American Railroads for submission to the U.S. Interstate Commerce Commission, Ex Parte 290 (Sub. 7), 26 May 1989 [with W.G. Waters II]. Reply Verified Statement submitted 26 June 1989.
52. "Comments," submitted to Canadian National Transportation Agency hearings on VIA Rail Pricing Policies," 30 March 1989 [with T.D. Heaver, T.H. Oum and W.G. Waters II].
53. "Comments" on the Uniform Railroad Costing System," verified statement prepared for the Association of American Railroads for submission to the U.S. Interstate Commerce Commission, Ex Parte 431 (Sub 1), 20 March 1989, Washington, DC [with W.G. Waters II].
54. "Analysis of the Effect of the Gemini Computer Reservation System Merger on Competition in the Canadian Airline Industry," affidavit prepared for Consumer and Corporate Affairs Canada for submission to Canadian Competition Tribunal, 1 March 1989.
55. "Railroad Productivity Measurement," verified statement prepared for the Association of American Railroads for submission to the U.S. Interstate Commerce Commission, Ex Parte 290 (Sub. 4), 16 December 1988 [with W.E. Diewert and W.G. Waters II]. Reply verified statement submitted 17 January 1989.
56. "Monitoring the Effects of the National Transportation Act, 1987, and Associated Legislation," a report to Transport Canada, 29 May 1987 [with G.C. Chow, T.D. Heaver, T.H. Oum and W.G. Waters II].
57. "Amendments Recommended to Bills C-18 and C-19," Minutes of Proceedings and Evidence of the House of Commons Standing Committee on Transport, Issue #19, 16 March 1987 [with G.C. Chow, T.D. Heaver, T.H. Oum and W.G. Waters, II].
58. "Analysis of the Changes in Airline Regulation Proposed in Bill C-18," Faculty of Commerce and Business Administration Working Paper, University of British Columbia, Vancouver, presented to House of Commons Standing Committee on Transport on behalf of the Consumers' Association of Canada, March 1987, testimony appears in Minutes of Proceedings and Evidence of the House of Commons Standing Committee on Transport, Issue #17, 12 March 1987, [with W.T. Stanbury].
59. "Comments on Freedom to Move," Minutes of Proceedings and Evidence of the House of Commons Standing Committee on Transport, Issue #37, 19 November 1985 [with T.H. Oum].

F. Papers in Conference Proceedings

1. "Airports and airlines in the value chain: financial returns, risk and investment," Discussion Paper 2013-15, International Transportation Forum of the OECD, May 2013 [with K Markhvida].

2. "Long Term Capital Input Trends and Financial Performance Measures for CN and CP," in Proceedings, Canadian Transportation Research Forum, University of Saskatchewan Printing Services, June 1994 [with W.G. Waters II].
3. "Re-regulation of the Airline Industry: Would Price Cap Regulation Work?" Proceedings, Canadian Transportation Research Forum, May 1994, University of Saskatchewan Printing Services [with W.G. Waters II].
4. "U.S. Railroad Productivity After Staggers," Proceedings, Transportation Research Forum, New Orleans, October 1991, pp. 521-531, published by TRF, Arlington, VA [with W.G. Waters II].
5. "Costing the Movement of Hazardous Materials by Rail," Hazmat Transport '91, a National Conference on Management and Policy Issues in the Transportation of Hazardous Materials and Wastes, Northwestern University, Evanston, IL, June 17-19, 1991 [with W.G. Waters II].
6. "Productivity Trends in Canadian and U.S. Railroads," Proceedings, Canadian Transportation Research Forum, University of Saskatchewan Printing Services, June 1991, pp. 436-450 [with W.G. Waters II].
7. "Productivity Adjustment to Price Levels in Regulated Rail Markets: Recent Developments in Canada and the United States," Proceedings, Canadian Transportation Research Forum, University of Saskatchewan Printing Services, June 1990, pp. 339-350 [with W.G. Waters II].
8. "Measuring and Identifying the Causes of the Productivity Performance of the Canadian Class I Railroads: 1956-1981," Proceedings, Canadian Transportation Research Forum, University of Saskatchewan Printing Services, May 1985, pp. 743-765 [with K.D. Freeman, T.H. Oum and W.G. Waters II].
9. "An International Comparison of Airlines," Proceedings, Canadian Transportation Research Forum, University of Saskatchewan Printing Services, May 1984, pp. 653-676.

G. Papers Under Review

1. "The Aviation Value Chain: Economic Returns and Policy Issues," submitted to Journal of Air Transport Management, 28 May 2013.

H. Other Publications

1. "Open Skies at Last," Connector, Canadian Business Travel Association, June 1995.
2. "The Role of the Airport in the Post-Resource Economy," published as a working paper of the Vancouver International Airport, and as an appendix to the airport's strategic plan. First published June 1994.

3. "Regionalism in International Air Regulations," Working Paper 92-TRA-011, Faculty of Commerce and Business Administration, The University of British Columbia, Vancouver, December 1992.
4. "On the Urge to Merge," letter to editor, Policy Options, Vol. II (5), June 1990.
5. "Prom Night: Choosing Partners for the Global Airline Dance," Air Transport Management, Vol. 3 (2), May/June 1990, pp. 13-19.
6. "New Runways and the Environment," Air Transport Management, Vol. 3 (1), March/April 1990, p.19.
7. "Peak Period Pricing: An Idea Whose Time Has Come," Air Transport Management, Vol. 2 (1), January/February 1990, pp.16-17.
8. "Airport Pricing and Capacity Expansion: Economic Evaluation of Alternatives," Transport Review, published by Transport Canada, 1990 [with D.W. Gillen and T.H. Oum].
9. "Hidden Agendas are Distorting the Safety Issue," Air Transport Management, Vol. 1 (3), September/October 1988, p.11.
10. "Survival Under Freer Skies," Air Transport Management, Vol. 1 (2), May/June, 1988, pp. 10-12 [with D.W. Gillen and T.H. Oum].
11. "Selling Air Canada: A No-Lose Situation," Globe and Mail, 16 May 1988, p. A7 [with W.T. Stanbury].
12. "The Canada-U.S. Air Transport Bilateral: Will It Be Freed?" Air Transport Management, Vol. 1 (1) March (April) 1988, pp.9-12 [with M.E. Dresner and C. Hadrovic].
13. "Airline Productivity Under Deregulation," Regulation, Nov./Dec. 1982, pp. 25-28, [with D.W. Caves and L.R. Christensen].
14. Many articles written for YVR Skytalk under pen name of Harold Michaels
15. Various articles written in industry trade magazines, including Airport World and Centerlines.

K. Book Reviews

1. Chesen, J.R. (1989), *Canadian-American Air Service Negotiations: Ending the Gridlock*, review appeared in *Logistics and Transportation Review*, Vol. 26 (3), September 1990.
2. Small, K.A., C. Winston and C. Evans (1989), *Road Work: A New Highway Pricing and Investment Policy*, review appeared in *Logistics and Transportation Review*, Vol. 25 (4), December 1989, pp. 375-376.

3. Shaw, S. (1988), *Airline Marketing and Management*, review appeared in *Logistics and Transportation Review*, Vol. 25 (2), June 1989, pp. 183-185.
4. Morrison, S. and C. Winston (1986), *The Economic Effects of Airline Deregulation*, review appeared in *Logistics and Transportation Review*, Vol. 23 (1), March 1987, pp. 135-136.
5. Bailey, E.E., D.R. Graham and D.P. Kaplan (1985), *Deregulating the Airlines*, review appeared in *Logistics and Transportation Review*, Vol. 23 (1), March 1987, pp. 135.
6. Wells, A.T. and B.D Chadbourn (1987), *General Aviation Marketing*, review in *Logistics and Transportation Review*.
7. Sigafoos, R.A. (1984), *Absolutely, Positively Overnight: The Story of Federal Express*, review appeared in *Logistics and Transportation Review*, Vol. 21, (2), June 1985, pp. 185-187
8. Nance, J.J. (1984), *Splash of Colors*, review appeared in *Logistics and Transportation Review*, Vol. 21 (2), June 1985, pp. 185.

L. Computer Program Papers and Reference Manuals

1. Econometric Programming Language: Programmer's Reference Manual, Computer manual available from Christensen Associates, 810 University Bay Drive, Madison, WI 53705, August 1981 [with S.A. Novogoratz].
2. Econometric Programming Language: Reference Manual, Computer manual available from Christensen Associates, 810 University Bay Drive, Madison, WI 53705, December 1981.
3. Econometric Programming Language: Primer, Computer manual available from Christensen Associates, 810 University Bay Drive, Madison, WI 53705, March 1981.
4. Econometric Programming Language: User's Manual, Computer manual available from Christensen Associates, 810 University Bay Drive, Madison, WI 53705, November 1980 [with D.W. Caves].
5. "Time Series Processor at the University of Wisconsin, Programmer's Reference Manual," mimeo., Department of Economics, University of Wisconsin-Madison, July 1979 [with C. Franklin].
6. "Time Series Processor at the University of Wisconsin (TSP-WISC)," Computer manual available from Madison Academic Computing Center, University of Wisconsin-Madison, October 1977, June 1978 [with D.W. Caves].

7. "Econometric Estimation Using the Time Series Processor at the University Wisconsin (TSP-WISC)," SSRI Discussion Paper #7711, Department of Economics, Madison, September 1977 [with D.W. Caves].

COURSES TAUGHT

Managerial Economics
 Business Statistics
 Seminar in Transportation Economics
 Air Transportation
 Urban Transportation
 Government and Business
 Business Logistics
 Logistics and Operations Management
 International Business Logistics
 Project Evaluation (Social Cost Benefit Analysis, and Environmental Impact Statements)
 Transportation in Economic Development
 Transportation Policy
 Introduction to Transportation

In addition, I have taught short courses in various countries on topics of business logistics, international business logistics, airport management, airport planning, airport strategic planning, airport marketing and airport finance.

SUPERVISION OF STUDENT THESES

Ph.D. Committees - Chairman
 Martin Dresner - 1989
 Mike Li - 1994

Ph.D. Committees - Committee Member
 Jeff McGill - 1989

M.Sc. Committees - Chairman
 Julie Laviolette - 1987
 Kevin Caskey - 1987
 Tony Roberts - 1994
 Saskia Roukema - 1995
 Guy Maclaren (MPlan) - 1991
 Heather Romank - 1995

M.Sc. Committees - Committee Member
 Todd Kurtin - 1984
 Chris Christopherson - 1984
 Marie Trepannier - 1985
 Eva Busza (MA) - 1987
 Reagan Pratt - 1993

MBA Paper Supervisor
 Greg Saretsky - 1984
 Patricia Dusting - 1985

Jeannette Godin - 1986
 Nancy Keen - 1987

Peter Leighton - 1990
 Debra Stephan - 1990

Donna Chin - 1985	Susan Sinott - 1987	Cheryl Trepanier - 1990
David Campbell - 1985	Terry David - 1988	Paul Ouimet - 1991
Roger McLaughlin - 1985	William Chan - 1988	Mike Bendarz - 1991
Peter Kutney - 1986	Edward Chan - 1988	Sean Strugnell - 1992
Gary Jung - 1986	Linda Moore - 1989	Brett Patterson - 1992
Ming Ho - 1986	Roger Purdy - 1989	Ted Gadsden - 1992
Jim Blatchford - 1986	John Korenic - 1990	Bob Beck - 1992
Tomo Adachi - 1993	Neal Chinaleong - 1994	Dale Mortimer - 1995

UNIVERSITY SERVICE

Faculty of Commerce:

Appointment Promotion and Tenure Committee (1988/89, 1993/94)

Classroom Planning Committee (1994)

Computing Resources Committee

(1984/85-chair, 1985/86, 1986/87, 1987/88, 1988/89, 1989/90)

Curriculum Committee (1989/90, 1990/91-chair, 1991/92-chair, 1992/93-chair)

Faculty Retreat Committee (1990-chair)

Merit Committee (1988,1991)

Teaching Development Committee (1986/87, 1987/88, 1989/90, 1991/92-chair, 1992/93-chair)

Teaching Evaluation Review Committee (1993)

Teaching Development Fund Committee (1994-95)

Undergraduate Program Review Committee (1991/92)

Instructor in Summer Program in International Business in France

(1991, 1992, 1993, 1994)

Director, Summer Program in International Business in France (1992, 1993, 1994)

Director of Teaching and Curriculum Development (1992/93)

University:

Member, President's Task Force on Networking (1985/86)

External Review of Computing Centre (1988)

Vice President's Committee on Long Distance Services (1991)

Senate Curriculum Committee (1990/91, 1991/92, 1992/93)

University Representative, UBC Child Care Society (1988/89, 1989/90, 1990/91)

Treasurer, UBC Childcare Society (1988/89, 1989/90)

Vice President, UBC Childcare Society (1990/91)

Campus Classroom Planning Committee (1994)

Internal Ph.D. exam reviewer: G. Papatheodorou (1989)

M. Rushton (1990)

Khaled Alskait (1993)

OTHER SERVICE

Board Memberships

Board of Directors, InterVISTAS Consulting Inc. and various subsidiaries, 1999-2009.
Board of Directors, Tourism British Columbia, 2007-2008 (appointed by the Lieutenant Governor in Council)
Board of Experts, United Nations World Tourism Organisation (2004-present)
Board of Advisors, The Brazilian Institute of Strategic Studies and Public Policies in Air Transport --
- Instituto CEPTA
Scientific Advisory Committee, Hamburg Aviation Conference (board member 2000-present, co-chair 2007-present)
Board of Directors, Pacific Rim Cruise Association (1997-1999)
Board of Directors, various companies in the InterVISTAS Group, 1999-2008. Vice Chair of the board of IVM Investments Inc. Treasurer of IVM International Investments Inc.

Committee and Task Force Service

Director of Research, Ministerial Task Force on (Canadian) International Air Policy (1990, 1991)
Committee Member, Ministerial Committee on Air Policy Issues (1997)
Co-Director, Canadian Network on Productivity (1988/89)
Member, Minister of Transport Advisory Committee on Airport Transfers (1988-91)
Member, user funding committee, Federal Environmental Assessment Review Office (1990)
Transportation subcommittee, Vancouver Planning Commission (1987)
Productivity Committee, Association of American Railroads
Vancouver Board of Trade: Airline Pre-Clearance Task Force (1987)
Vancouver Gateway Council (1994)
Associate Editor, Logistics and Transportation Review, (1987-present)
Advisory Editor, Quarterly Journal of Economics and Business (1991-present)
Advisory Editor, Journal of Air Transport Management (1994-present)
World Airline Regulation Monitor Committee, International Air Transport Association (1998-2001)
Member of the Scientific Advisory Board, Hamburg Aviation Conference (1997-present)
Member of the Panel of Tourism Experts, World Tourism Organization (2004 to present)
Member of the Advisory Board, Brazil Aviation Institute (2006 to present)
Board of Directors, Tourism British Columbia (2007)

Editorial Boards

Associate Editor, Logistics and Transportation Review, (1987-2001)
Advisory Editor, Quarterly Journal of Economics and Business (1991-2006) (renamed in next entry)
Advisory Editor, Quarterly Journal of Finance and Accounting (2006-present)
Associate Editor, Journal of Air Transport Management (1994-2002)

Referee for the following academic journals:

Air Policy and Management
American Economic Review
Bell/Rand Journal of Economics

Canadian Journal of Economics
Canadian Public Policy
Economic Development and Cultural Change
International Journal of Transportation Economics
Journal of Air Transport Management
Journal of Econometrics
Journal of Economic Education
Journal of Industrial Economics
Journal of Political Economy
Journal of Public Economics
Journal of the Transportation Research Forum
Logistics and Transportation Review
Managerial and Decision Economics
Papers of the Regional Science Association
Quarterly Journal of Business and Economics
Quarterly Review of Economics and Business
Social Science and Humanities Research Council of Canada
Transport Reviews
Transportation Research
Water Resources Research

Reviewer for following publishers:

MIT Press
North Holland Publishers
Transport Research Centre, Australia
Irwin Books
McGraw Hill
Ashgate Publishing

Reviewer for the following funding agencies:

Earhart Foundation
Federal Environmental Assessment Review Panel
National Research Council/Transportation Research Board
Natural Sciences and Engineering Research Council of Canada
Social Science and Humanities Research Council of Canada

Other

Referee for World Conference on Transportation Research
Referee for German aviation Research Society
Reviewer of tenure and promotion cases at other universities
Numerous interviews to radio, television and print journalists
(long-term average of 40 per year, 1983-1996)

Visiting Lectures at Other Universities

Northwestern University
Ohio State University – Distinguished Lecturer Series
University of Oregon
Pennsylvania State University
Simon Fraser University
University of Alberta
University of Calgary
University of Oregon
University of Toronto
University of Western Ontario
University of Wisconsin
Washington State University
Wilfred Laurier University

Short Course Instruction at Other Universities

Shanghai Jiaotong University
Sian Jiaotong University
Nankai University
Universite Canadienne en France

Short Courses Taught for International Management Training Institute

Hong Kong
Madrid
Montreal
Penang Malaysia
Rio de Janiero
Vancouver