

CURRICULUM VITAE

MICHAEL WILLIAM TRETHERWAY

Last revised: 15 August 2006

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
Honourary societies: Phi Beta Kappa
Phi Kappa Phi

Phi Eta Sigma

PROFESSIONAL EMPLOYMENT RECORD

- 1999-present Executive Vice President & Chief Economist, and Vice Chairman, InterVISTAS Consulting Inc., employee owned consulting firm, successor to Vancouver International Strategic Services
- 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

PROFESSIONAL PAPERS

A. Books and Monographs

1. *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].
2. *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].
3. *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].
4. *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].
5. *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].
6. *Airline Deregulation*, a special issue of the *Logistics and Transportation Review*, editor and author of introduction, Volume 22 (4), December 1986.
7. *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].

8. *Airline Economics: Foundations for Strategy and Policy*, 1992, Centre for Transportation Studies, Vancouver.

B. Chapters in Books

1. "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].
2. "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].
3. "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].
4. "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].
5. "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].
6. "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].
7. "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].
8. "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].
9. "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].
10. "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.

11. "Canada-U.S. Open Skies" in C. Findlay (ed.), *Asia Pacific Air Transport*, 1997, pp.154-169.
12. "Impediments to Liberalization in Asia Pacific International Aviation," in C. Findlay (ed.), *Asia Pacific Air Transport*, pp. 65-73.
13. "Airport Marketing: An Oxymoron?" in G. Butler (eds.), *Handbook of Airline Marketing*, McGraw Hill, 1998.
14. "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.
15. "Competition between airports in the new Millennium: what works, what doesn't work and why", (with I. Kincaid), forthcoming in currently untitled book to be published by Ashgate Publishing, D.W. Gillen and H.M. Niemier (eds.)

C. Papers in Refereed Journals or Conference Proceedings

1. "Flexible Cost Functions for Multiproduct Firms," *Review of Economics and Statistics*, August 1980, pp. 477-481 [with D.W. Caves and L.R. Christensen].
2. "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].
3. "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].
4. "Reforming Canadian Airline Regulation," *Logistics and Transportation Review*, Vol. 20 No. 3, September 1984, pp. 261-284 [with T.H. Oum].
5. "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].
6. "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].
7. "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].
8. "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].
 9. "Airline Deregulation: A Bibliography," *Logistics and Transportation Review*, Volume 22 (4), December 1986, pp. 449-489 [with W.T. Stanbury].
 10. "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].
 11. "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].
 12. "Ramsey Pricing in the Presence of Externality Costs," *Journal of Transport Economics and Policy*, September 1988, pp. 307-317 [with T.H. Oum].
 13. "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].
 14. "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].
 15. "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).
 16. "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].
 17. "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].
 18. "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].
19. "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.
 20. "Airline Hub and Spoke Systems," *Journal of the Transportation Research Forum*, Vol. XXX (2), 1990, pp. 380-393 [with T.H. Oum].
 21. "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].
 22. "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].
 23. "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.
 24. "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].
 25. "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.
 26. "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].
 27. "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.
 28. "Modelling and Testing the Effect of Market Structure on Price: The Case of International Air Transport," *Journal of Transport Economics and Policy* [with M.E. Dresner].
 29. "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].

30. "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].
31. "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).
32. "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.
33. "Reregulation of the Airline Industry -- Could Price Cap Regulation Make a Contribution?" (with W.G. Waters II), *J. of Air Transport Management* Vol. 4 (1998) 47-53.
34. "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.
35. "Labour payouts, productivity measurement and the price cap approach to regulation" (with W.G. Waters II) *J. of Transportation Research Forum*, 2000.
36. "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.
37. "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.
38. "Distortions of Airline Revenues: why the network airline business model is broken," *Journal of Air Transport Management*, Vol. 10, pp. 3-14, 2004.
39. "The Effect of Market Structure on Airline Prices: A Review of Empirical Results", (With I Kincaid), *Journal of Air Law and Commerce*, 2005.
40. "Emerging Tourism Markets: Ageing and Developing Economies," (with D Mak) *Journal of Air Transport Management*, 2006.

D. Selected Reports

1. "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].¹
2. "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].
 3. "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].
 4. "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].
 5. "Grain Costing Indices," confidential report prepared for Trade and Transportation Group for submission in regulatory hearings, Ottawa, November 1986.
 6. "The Emergence of Airline Families: Issues of Control," report prepared for the Canadian Airline Pilots Association, February 1987.
 7. "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].
 8. "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].
 9. "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.
 10. "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.
 11. "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].
 12. "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].
 13. "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].

¹ Revised version published as a book by Centre for Transportation Studies, UBC.

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. "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].
16. "Comments on Transport Canada's Proposed New Cost Recovery Policy: Phase II Discussion Paper," March 1991 [with T.D. Heaven, G.C. Chow, T.H. Oum and W.G. Waters II].
17. "Report of the Ministerial Task Force on International Airline Policy," July 1992. [I was Director of Research for the Task Force].
18. "The Economic Impact of a Transpacific Cargo Service" November 1994, for the Vancouver International Airport [with S. Lui].
19. "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].
20. "The Potential for Separating Rail track infrastructure from rail transportation," November 1994, for the Bureau of Competition Policy.
21. "The Economic Impact of the Vancouver International Airport: Summary Report" February 1995.
22. "The Employment and Economic Impact of the Vancouver International Airport," February 1995 [with L. Erbe and K. Tse].
23. "A Study of Economic Multipliers and their Application to the Economic Impact of the Vancouver International Airport," February 1995 [with K. Tse].
24. "The Employment Impact of a South Airport Floatplane operator: Harbour Air", February 1995 [with L. Erbe and K. Kotlarchuk.].
25. "The Employment Impact of Cathay Pacific's three times weekly cargo service," February 1995 [with S. Lui].
26. "Measuring Productivity Performance and Financial Returns for Canadian National and CP Rail, 1956-1991" UBC Centre for Transportation Studies (March 1994) 302pp.
27. "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.

E. Testimony Provided

1. "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].
2. "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].
3. "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].
4. "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].
5. "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.
6. "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.
7. "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].
8. "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].
9. "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.
10. "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.

11. "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.
12. "Statement to Commission of Inquiry on Canadian University Education," 6 November 1990.
13. "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).
14. "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].
15. "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.
16. "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.
17. "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.
18. "Statement in support of the Director of Investigation and Research," submitted to National Transportation Agency, oral testimony given 14 April 1993.
19. "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.
20. "Report on the Growth and Prospects of Regional Carriers," for the Air B.C. Master Executive Council before a labour arbitrator, November 1994.
21. "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.
22. "Statement of Dr. Michael W. Tretheway," prepared for T1T2 Ltd., to the Federal Court of Canada, December 1995.
23. "Statement of Dr. Michael W. Tretheway," prepared on behalf of Qantas Airways Ltd.,

to the New Zealand Commerce Commission, 1996.

24. "Statement of Michael W. Tretheway" for Comair Pty Ltd. (South Africa), testimony provided to South African Civil Aviation Tribunal, 1997.
25. "Statement of Michael W. Tretheway" for Lufthansa, United and SAS, testimony provided to the European Commission, 1999.
26. "Statement of Michael W. Tretheway" prepared for the Commissioner of Competition, testimony provided to Canadian Competition Tribunal, 2002.
27. "Statement of Michael W. Tretheway" for Canadian Auto Workers, testimony provided to Canadian Industrial Labour Board, 2002.
28. "Statement of Michael W. Tretheway" for AUT Technologies,, testimony provided to U.S. circuit court, 2002.
29. "Statement of Michael W. Tretheway" for Qantas and Air New Zealand, testimony provided to New Zealand Commerce Commission, 2003.
30. "Statement of Michael W. Tretheway" for Hallcon Transport Services, testimony provided to the British Columbia Motor Carrier Commission, 2003.
31. "Statement of Michael W. Tretheway" for CN, testimony provided to Canadian Commissioner of Competition, 2004.

F. Papers in Conference Proceedings

1. "An International Comparison of Airlines," *Proceedings*, Canadian Transportation Research Forum, University of Saskatchewan Printing Services, May 1984, pp. 653-676.
2. "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].
3. "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].
4. "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].
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. "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].
7. "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].
8. "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].

G. Papers Under Review

1. "The economics and politics of taxation and subsidies for ports and airports," September 2002 [with T.D. Heaver].

H. Other Publications

1. "Airline Productivity Under Deregulation," *Regulation*, Nov./Dec. 1982, pp. 25-28, [with D.W. Caves and L.R. Christensen].
2. "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].
3. "Survival Under Freer Skies," *Air Transport Management*, Vol. 1 (2), May/June, 1988, pp. 10-12 [with D.W. Gillen and T.H. Oum].
4. "Selling Air Canada: A No-Lose Situation," *Globe and Mail*, 16 May 1988, p. A7 [with W.T. Stanbury].
5. "Hidden Agendas are Distorting the Safety Issue," *Air Transport Management*, Vol. 1 (3), September/October 1988, p.11.
6. "Airport Pricing and Capacity Expansion: Economic Evaluation of Alternatives," *Transport Review*, published by Transport Canada, 1990 [with D.W. Gillen and T.H. Oum].
7. "Peak Period Pricing: An Idea Whose Time Has Come," *Air Transport Management*, Vol. 2 (1), January/February 1990, pp.16-17.

8. "New Runways and the Environment," *Air Transport Management*, Vol. 3 (1), March/April 1990, p.19.
9. "Prom Night: Choosing Partners for the Global Airline Dance," *Air Transport Management*, Vol. 3 (2), May/June 1990, pp. 13-19.
10. "On the Urge to Merge," letter to editor, *Policy Options*, Vol. II (5), June 1990.
11. "Regionalism in International Air Regulations," Working Paper 92-TRA-011, Faculty of Commerce and Business Administration, The University of British Columbia, Vancouver, December 1992.
12. "The Role of the Airport in the Post-Resource Economy," published as a working paper of the Vancouver International Airport, and forthcoming as an appendix to the airport's strategic plan. First published June 1994.
13. "Open Skies at Last," forthcoming in *Connector*, Canadian Business Travel Association, June 1995.
14. Many articles written for YVR Skytalk under pen name of Harold Michaels.

K. Book Reviews

1. Sigafos, 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
2. Nance, J.J. (1984), *Splash of Colors*, review appeared in *Logistics and Transportation Review*, Vol. 21 (2), June 1985, pp. 185.
3. 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.
4. 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.
5. Shaw, S. (1988), *Airline Marketing and Management*, review appeared in *Logistics and Transportation Review*, Vol. 25 (2), June 1989, pp. 183-185.
6. 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.
7. Chesen, J.R. (1989), *Canadian-American Air Service Negotiations: Ending the Gridlock*, review appeared in *Logistics and Transportation Review*, Vol. 26 (3),

September 1990.

8. Wells, A.T. and B.D Chadbourn (1987), *General Aviation Marketing*, review in *Logistics and Transportation Review*.

L. Computer Program Papers and Reference Manuals

1. "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].
2. "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].
3. "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].
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. *Econometric Programming Language: Reference Manual*, Computer manual available from Christensen Associates, 810 University Bay Drive, Madison, WI 53705, December 1981.
6. *Econometric Programming Language: Primer*, Computer manual available from Christensen Associates, 810 University Bay Drive, Madison, WI 53705, March 1981.
7. *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].

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

SUPERVISION OF STUDENT THESES

Ph.D. Committees - Chairman

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Ph.D. Committees - Committee Member

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Roger Purdy - 1989

John Korenic - 1990

Neal Chinaleong - 1994

Peter Leighton - 1990

Debra Stephan - 1990

Cheryl Trepanier - 1990

Paul Ouimet - 1991

Mike Bendarz - 1991

Sean Strugnell - 1992

Brett Patterson - 1992

Ted Gadsden - 1992

Bob Beck - 1992

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 US 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

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

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
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
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Short Course Instruction at Other Universities

Shanghai Jiaotong University
Sian Jiaotong University
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Short Courses Taught for International Management Training Institute

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