

CANADIAN HUMAN RIGHT TRIBUNAL

BETWEEN:

**FIRST NATIONS CHILD AND FAMILY CARING SOCIETY OF CANADA and
ASSEMBLY OF FIRST NATIONS**

Complainants

-and-

CANADIAN HUMAN RIGHTS COMMISSION

Commission

-and-

**ATTORNEY GENERAL OF CANADA
(representing the Minister of Indigenous and Northern Affairs Canada)**

Respondent

-and-

**CHIEFS OF ONTARIO and
AMNESTY INTERNATIONAL CANADA**

Interested Parties

AFFIDAVIT OF ODI DASHSAMBUU

**I, Odi Dashesambuu, of the City of Toronto, in the Province of Ontario, MAKE OATH
AND SAY:**

1. I am a legal assistant with the law office of Falconers LLP, and as such have knowledge of the matters to which I herein depose, except where my knowledge is based on information

and belief. Where I rely on information and belief, I am advised by Akosua Matthews (“Ms. Matthews”) and Marc E. Gibson (“Mr. Gibson”), both lawyers at Falconers LLP.

I. INTRODUCTION

2. Falconers LLP represents the interested party, Nishnawbe Aski Nation (“NAN”).
3. NAN filed a Notice of Motion on November 22, 2016 in the *First Nations Child and Family Caring Society v. Canada*¹ proceedings before the Canadian Human Rights Tribunal (“the Tribunal”), in contemplation of a hearing on immediate relief, currently scheduled for March 22, 23, and 24 of 2017.
4. I am advised by Ms. Matthews that NAN’s Notice of Motion seeks the following immediate relief remedies with respect to a remoteness quotient:
 - i. that the Respondent (“Canada”) apply the remoteness quotients identified in the *Barnes Report*, to all funding for Payukotayno James and Hudson Bay Family Services, Tikinagan Child and Family Services and Kunuwanimano Child and Family Services (“NAN-mandated child welfare agencies”); and,
 - ii. that the Respondent fund jointly-appointed experts to: (1) obtain remoteness data; and (2) develop a remoteness quotient.
5. The herein affidavit addresses the remoteness quotient remedies identified in NAN’s November 22, 2016 Notice of Motion.

¹ *First Nations Child and Family Caring Society v. Canada*, 2016 CHRT 2. File No.: T1340/7008. Decision rendered January 26, 2016.

II. REMOTENESS QUOTIENT

6. I am advised by Ms. Matthews that NAN introduced the concept of a remoteness quotient at paragraphs 26-55 in NAN's immediate relief submissions filed on May 19, 2016.
7. I am advised by Ms. Matthews that the Tribunal issued a decision on immediate relief on September 14, 2016 where the Tribunal ruled in support of NAN's position that a "remoteness quotient needs to be developed as part of medium to long term relief and that data needs to be appropriately collected."²
8. I am advised by Ms. Matthews that the Tribunal's September 14, 2016 decision on immediate relief ordered "INAC to provide detailed information in its compliance reports to clearly demonstrate how it is determining funding for remote FNCFS Agencies that allows [remote agencies] to meet the actual needs of the communities they serve".³
9. I am advised by Ms. Matthews that in the Respondent's October 31, 2016 compliance report, INAC stated that it does not have or currently collect sufficient data or information to create a remoteness quotient.⁴ I am further advised by Ms. Matthews that INAC has not provided any information regarding what data it does collect or have access to.
10. I am advised by Mr. Gibson that NAN has taken steps to contact academics who may be able to assist with the development of a remoteness quotient. Mr. Gibson attended at the University of Toronto Faculty of Economics, contacted several professors, and was referred to Professor Emeritus Thomas A. Wilson ("Professor Wilson").
11. Professor Wilson is an Emeritus Professor of Economics and Senior Advisor to the Policy and Economic Analysis Program at the Rotman Institute for International Business at the

² Para 80, 2016 CHRT 16

³ Para 81, 2016 CHRT 16

⁴ Page 9, Section G, INAC October 31, 2016 Compliance Report


University of Toronto. Professor Wilson is a member of the National Accounts Advisory Committee and the Statistics Council for Statistics Canada. A copy of Professor Wilson's faculty website pages from the University of Toronto and Professor Wilson's curriculum vitae are attached to this affidavit as **Exhibit "A"**.


12. I am advised by Mr. Gibson that he has attended at least five telephone calls with Professor Wilson between December 15, 2016 and December 20, 2016 and exchanged a number of emails.
13. I am advised by Mr. Gibson that Professor Wilson is providing advice with respect to the collection of data, the steps required to create an empirically based remoteness quotient, and the merits of a remoteness quotient compared to alternative methods of adjusting for the differential in the costs of services in northern and remote communities. I am further advised by Mr. Gibson that Professor Wilson is still in the process of reviewing materials provided by NAN and consulting with colleagues concerning an appropriate data collection and analysis process. In particular, Professor Wilson is reaching out to social scientists with expertise in the collection and analysis of data with respect to Indigenous populations.
14. I am advised by Mr. Gibson that NAN is consulting with Professor Wilson with a view to seeking an immediate relief order from the Tribunal:
 - a) To fund the retainer of an appropriate expert or experts to assist with data collection and to empirically develop a remoteness quotient; and,
 - b) To fund the collection of necessary data.
15. I am advised by Mr. Gibson that, once Professor Wilson has finished his preliminary review and consultations, NAN and Professor Wilson have agreed to discuss the terms of a retainer with Professor Wilson and/or other appropriate experts to advise with respect to data

collection as part of the immediate relief process, and to advise with respect to the development of an empirical remoteness quotient as part of the medium to long-term relief process.

16. I make this affidavit for the purposes of NAN's submissions in anticipation of a hearing on immediate relief, currently scheduled for March 22, 23, 24, 2017 in the *First Nations Child and Family Caring Society v. Canada*⁵ proceedings before the Tribunal and for no other or improper purpose.


AFFIRMED BEFORE ME this)
20th day of December, 2016)
in the City of Toronto)
in the Province of Ontario.)


A Commissioner etc.)
A Matthews
LSUC 65621V


Odi Dashsambuu

⁵ *First Nations Child and Family Caring Society v. Canada*, 2016 CHRT 2. File No.: T1340/7008. Decision rendered January 26, 2016.

Thomas Arthur Wilson


A COMMISSIONER FOR TAKING AFFIDAVITS
Akosua Matthews
LSUC 65621V



Thomas Arthur Wilson

Professor Emeritus of Economics

Degrees: PhD, Harvard University
AM, Harvard University
BA, University of British Columbia

Email: Send an email to Thomas Arthur Wilson
(mailto:wilson@rotman.utoronto.ca)

Bio

Thomas Wilson is an Emeritus Professor of Economics, and Senior Advisor to the Policy and Economic Analysis Program at the Rotman Institute for International Business at the University of Toronto. His areas of research and consulting include economic forecasting, fiscal policy analysis, tax policy analysis, wage-price models, regulatory proceedings, competition policy, advertising and industrial organization.

Academic Positions

1968-Present	Professor of Economics; University of Toronto
1987-Present	Member; University College, University of Toronto
1975-1976	Visiting Ford Rotary Research Professor; University of California, Berkeley
1972-1973	MacKenzie-King Visiting Professor; Harvard University
1967-1968	Associate Professor; University of Toronto
Spring 1966	Visiting Professor; University of Western Ontario
1962-1967	Assistant Professor; Harvard University

Selected Publications - Papers

- **The Future of Telecommunications Policy in Canada**; Co-editor with W. Stanbury and S. Globerman, A compendium of the papers presented at the National Conference on the Future of Telecommunications Policy in Canada; Issue: April 1993, pub. date May; 1995; Pages: pp. 529
- **Tax System of Canada**; with R.M. Bird and D.B. Perry; Tax Notes International; Issue: Jan 9; 1995; Pages: pp.152-180
- **The Sources of the Recession in Canada: 1989-1992**; with P. Dungan and S. Murphy; Canadian Business Economics; Issue: 2(2); 1994; Pages: pp. 3-15
- **Sales Tax Harmonization: The Key to Simplification**; with Jack Mintz and Pierre Pascal Gendron; Tax Notes International; Issue: 8(10) (March); 1994; Pages: pp.661-678
- **Productivity and Growth: Canada's Competitive Roots**; with M. Denny, in T.J. Courchene and D.D. Purvis, Eds; Productivity, Growth and Canada's International Competitiveness, Bell Canada Papers on Economic Policy; Issue: Vol. 1; 1993; Pages: pp. 7-57
- **An Analysis of the Profitability of Businesses of Diversified Companies**; Review of Industrial Organization; Issue: Vol 7; 1992
- **The Canada-U.S. FTA: Macroeconomic Effects and Sensitivity Analysis**; with D.P. Dungan; Journal of Policy Modeling; Issue: 13 (3); 1991
- **Modeling Anticipated and Temporary Fiscal Policy Shocks in a Macro-Econometric Model of Canada**; with D.P. Dungan; Canadian Journal of Economics; Issue: (February); 1988

Selected Publications - Books and Chapters

- **Co-editor with L. Waverman of a special issue of Canadian Public Policy - Analyse de Politiques on Macroeconomic Co-ordination and the Summit XV Supplement, (February 1989) pp.99**

Academic / Professional Service

1989-Present	Area Coordinator; Business Economics, Faculty of Management
1987-Present	Director, Policy and Economic Analysis Program; Institute for Policy Analysis, University of Toronto
1990-1992	Vice-Chair; Budget Committee, University of Toronto
1988-1993	Member; Academic Board, University of Toronto
1983-1985	Chair; Department of Economics
1982	Acting Chair; Department of Economics
1979-1982	Director of Economics; Department of Economics
1976-1977	Coordinator, Econometric Forecasting Program; Institute for Policy Analysis, University of Toronto
1969-1975	Director; Institute for Policy Analysis
1992-Present	Member of Editorial Board; Canadian Business Economics
1990-Present	Member; National Accounts Advisory Committee (Chair as of 1995), Statistics Canada
1985-Present	Member of Advisory Council; John Deutsch Institute of Economic Policy (Queen's University)

1986-1992

Associate Editor; Review of Economics and Statistics

Honors and Awards

1984-1985

President; Canadian Economics Association

1980

Fellow of the Royal Society of Canada

1975-1976

Visiting Ford Rotating Research Professor; University of California at Berkeley

1972-1973

MacKenzie-King Visiting Professor; Harvard University

Research and Teaching Interests

Teaches courses in economics and policy analysis. Areas of research and consulting include economic forecasting, fiscal policy analysis, wage-price models, regulatory proceedings, competition policy, advertising, and industrial organization.

Login to my account (<http://www-2.rotman.utoronto.ca/facbios/Personal/default.asp>)



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UNIVERSITY OF TORONTO

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Thomas A. Wilson

**Professor Emeritus**

Ph.D. (Harvard, 1961), A.M. (Harvard, 1959), B.A. (British Columbia, 1957)

Email address: twilson@chass.utoronto.ca

Research fields: Macroeconomics, Industrial organization, Public economics

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December 1, 2016

CURRICULUM VITAE

Thomas Arthur Wilson

Place of Birth: Vancouver, British Columbia, Canada

Citizenship: Canadian

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Toronto, Ontario	Rotman School of Management
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	Fax: 416 - 978-5433
	E-mail: twilson@chass.utoronto.ca

Education

Attended Public Schools in Vancouver, British Columbia, Canada.

Entered University of British Columbia, September 1953. Graduated with Honours B.A. in Economics in May 1957.

Entered Harvard Graduate School, September 1957. Received A.M. degree in June 1959, Ph.D. degree in June 1961.

Academic Honours

Grandview Legion University Entrance Scholarship, 1953.

Jonathan Rogers Award, 1954.

Alaska Pine Company Scholarship in Economics, 1956.

Woodrow Wilson Fellowship, 1957.

Harvard University Scholarship, 1958.

Ford Foundation pre-doctoral Fellowship, 1959.

SSRC Faculty Research Grant, 1966.

Isaak Walton Killam Award, 1969.

McKenzie-King Visiting Professor, Harvard University, 1972-73.

Visiting Ford Rotating Research Professor, University of California at Berkeley, 1975-76.

Elected Fellow of the Royal Society of Canada, 1980.

President, Canadian Economics Association, 1984-85.

Visiting Senior Fellow, Center for Business and Government,

John F. Kennedy School of Government, Harvard University, 1986.
 Visiting Fellow, Wolfson College, University of Cambridge, 1987.

Teaching Experience

Part-time Teaching Assistant in Economics at the University of British Columbia, September 1955 - May 1957.

Teaching Fellow at Harvard University, September 1960 - June 1961.

Instructor at Harvard University, 1961-62.

Assistant Professor at Harvard University, 1962-1967.

Visiting Professor, University of Western Ontario, Spring 1966.

Associate Professor, University of Toronto, 1967-1968.

Visiting Professor, Harvard University, 1972-1973.

Member, University College, University of Toronto, 1987-

Professor of Economics, University of Toronto, June 1968-2001

Professor Emeritus, University of Toronto, 2001-

University Administrative Experience

Director, Institute for Policy Analysis, University of Toronto, June 1969 - June 1975.

Coordinator, Econometric Forecasting Program, Institute for Policy Analysis, University of Toronto, 1976-77.

Director of Economics, Department of Political Economy, University of Toronto, July 1979 - August 1982.

Acting Chairman, Department of Economics, University of Toronto, September 1982 - December 1982.

Chairman, Department of Economics, University of Toronto, January 1983 - June 1985.

Member, Academic Board, University of Toronto, 1988-93.

Vice-Chairman, Budget Committee of Academic Board, 1990 - 92.

Director, Policy and Economic Analysis Program, Institute for Policy Analysis, University of Toronto 1987 - 2002

Area Coordinator for Business Economics, Rotman School of Management, 1989 - 2003

Senior Advisor, Institute for Policy Analysis, 2002-

Other Professional Experience

Research Assistant at Bank of Canada, Ottawa, Summer 1957.
 Research Assistant for Professor Guy Orcutt, Harvard University, Summer 1958.
 Part-time Research Assistant at Littauer Statistical Laboratory, Harvard University, September 1958 - May 1959.
 Assistant Economist with the U.S. Congress, Joint Economic Committee project on Employment, Growth and Price Levels, June 1959 - January 1960.
 Consultant to the Commission on Money and Credit, September 1960 - February 1961.
 Consultant to the United States Treasury, 1961-1963.
 Research Supervisor (October 1963 - September 1964) and Consultant (1964-1967), Royal Commission on Taxation, Ottawa.
 Director, National Bureau of Economic Research, 1969 - 1974.
 Consultant to Department of Consumer and Corporate Affairs, Ottawa, Canada, 1969-1974.
 Senior Research Associate, NBER, 1972-77.
 Associate Editor, Review of Economics and Statistics, 1973-81.
 Member of Editorial Board, Canadian Public Policy/Analyse de Politiques, 1974-80.
 Advisor to the Minister of Finance, 1982-84.
 Member of Research Advisory Group (Macro-economics) for the Royal Commission on the Economic Union and Development Prospects for Canada, 1983-1985.
 Member of Executive Council, Canadian Economics Association, 1983-86.
 Member of Council of Advisors, C.D. Howe Research Institute, April 1983 - 1990.
 Associate Editor Review of Economics and Statistics, 1986 - 1992.
 Adviser to Thailand Development Research Institute, Bangkok, Thailand 1987.
 Adviser to Harvard Institute of International Development, Jakarta, Indonesia, 1987.
 Member, Working Group on Sales Taxes, Ontario Fair Tax Commission, 1991-92.
 Canadian Representative of Pacific Economic Outlook Forecasting Panel, 1997-1999.
 Chair, Purvis Prize Committee (Canadian Economics Association and Canadian Association of Business Economics) 1999 -2000.
 Member of Advisory Council, John Deutsch Institute of Economic Policy (Queen's University), 1985 - 2006
 Member of Editorial Board, Canadian Business Economics, 1992- 2001
 Member, National Accounts Advisory Committee, Statistics Canada, 1990- 2015 (Chair 1995-2013)
 Research Fellow, C. D. Howe Institute, 2000-
 Member, Statistics Council, Statistics Canada, 2005-2016.
 Member, Fiscal and Tax Competitiveness Council, C. D. Howe Institute 2005-
 Member, Research Committee, Canadian Tax Foundation, 2006-

Publications

1. "An Analysis of the Inflation of Machinery Prices," Study Paper No. 3, Study of Employment Growth and Price Levels, U.S. Congress, Joint Economic Committee, 1959.
2. Contributor to: Staff Report on Employment Growth and Price Levels, U.S. Congress, Joint Economic Committee, 1959.

3. "Productivity and Output in the Postwar Period," Technical Note No. 2, Study of Employment Growth and Price Levels, U.S. Congress, Joint Economic Committee, 1960.
4. (With Otto Eckstein) "The Determination of Money Wages in American Industry," Quarterly Journal of Economics, August 1962.
5. (With Otto Eckstein) "Short-run Productivity Behavior in U.S. Manufacturing," Review of Economics and Statistics, February 1964.
6. (With Lester Taylor) "Three Pass Least Squares: A Method for Estimating Models with a Lagged Dependent Variable," Review of Economics and Statistics, November 1964.
7. A Review of A Study of Cost and Demand Inflation by J.D. Pitchford, American Economic Review, December 1964.
8. (With Lawrence Officer) "Econometrics and Public Policy," a discussion paper published in Conference on Stabilization Policy, Economic Council of Canada, 1966.
9. "Comment" on "Postwar Production Relationships in Canada" by N.H. Lithwick, George Post and T.K. Rymes in Conference on Income and Wealth, National Bureau of Economic Research, October 1965.
10. Capital Investment and the Cost of Capital: A Dynamic Analysis, Royal Commission on Taxation, Study No. 30, Queen's Printer, 1967.
11. (With William S. Comanor) "Advertising, Market Structure and Performance," Review of Economics and Statistics, November 1967.
12. "Reply" to a "Comment" by McGuire and Rapping on "The Determination of Money Wages in American Industry," Quarterly Journal of Economics, November 1967.
13. (With N.H. Lithwick) The Sources of Economic Growth, Royal Commission on Taxation, Study No. 24, Ottawa, Queen's Printer, 1968.
14. (With William S. Comanor) "Advertising and the Advantages of Size," American Economic Review, May 1969.
15. (With A.R. Dobell) "The Effects of the White Paper on Saving, Investment and Economic Growth," Canadian Tax Foundation, Report of the Proceedings of the Twenty-Second Tax Conference, 1970.
16. "High Employment and Price Stability: Policy Options in an Open Economy," Proceedings of the Standing Senate Committee on National Finance, Senate of Canada, Third Session - Twenty-eighth Parliament, 1970-1971, June 8, 1971, pp. 17:5-17:23.

17. (With William S. Comanor) "On Advertising and Profitability," Review of Economics and Statistics, November 1971.
18. (With Gregory V. Jump) "Tax Policy Options for Increasing Employment Without Inflation," Canadian Tax Journal, March-April 1972.
19. (With A.R. Dobell) "The Impact of Taxation on Capital Flows and the Balance of Payments in Canada," in N.B.E.R., International Mobility and Movement of Capital, Columbia University Press, 1972.
20. (With William S. Comanor) "Advertising as a Source of Monopoly," in P.M. Chen (ed.), America's Changing Role in the 70's, Taipei, 1972, pp. 69-82.
21. "Taxes and Inflation," Canadian Tax Foundation, Proceedings of the Twenty-fourth Tax Conference, 1972.
22. (With John D. Bossons) "Adjusting Tax Rates for Inflation," Canadian Tax Journal, May-June 1973.
23. (With L.D. Taylor and S.J. Turnovsky) The Inflationary Process in North American Manufacturing, Ottawa, Information Canada, 1973.
24. (With G.V. Jump) "Canadian Fiscal Policy, 1973-74," Canadian Tax Journal, January/February, 1974.
25. (With W.S. Comanor) "Advertising and the Distribution of Consumer Demand," in S.F. Divita (ed.), Advertising and the Public Interest, American Marketing Association, Chicago, 1974, pp. 59-71.
26. (With W.S. Comanor) Advertising and Market Power, Harvard University Press, Cambridge, Mass., 1974.
27. (With G.V. Jump) "Macro-economic Effects of the Energy Crisis 1974-75," Canadian Public Policy/Analyse de Politiques, Winter 1975, pp. 30-38.
28. (With G.V. Jump) "Macro-economic Effects of Federal Fiscal Policies, 1974-75," Canadian Tax Journal, January/February 1975.
29. (With G.V. Jump) "Economic Effects of Provincial Fiscal Policies, 1975-76," Canadian Tax Journal, May/June 1975.
30. (With G.V. Jump) "Fiscal Policy in Recession and Recovery, 1975-76," Canadian Tax Journal, March/April, 1976.
31. "Commentary on Advertising and the Firm," in D.G. Tuerck (ed.), Issues in Advertising, American Enterprise Institute, 1978, pp. 124-30.

32. (With G.V. Jump) "Restrictive Fiscal Policies in Perspective, 1976-77," Canadian Tax Journal, May/June, 1977.
33. "The Province and Stabilization Policy," in Ontario Economic Council, Issues and Alternatives - 1977 Intergovernmental Relations, Toronto, 1977, pp. 123-136.
34. "Comments" on "Inflation in the United States" by Harold Shapiro, in L.B. Krause and W.S. Salant (Eds.) Worldwide Inflation, Washington, The Brookings Institution, 1977, pp. 294-97.
35. (With F.J. Reid) Wage and Price Behaviour in Canadian Manufacturing, Anti-Inflation Board, Ottawa, 1979.
36. (With W.S. Comanor) "The Effect of Advertising on Competition:" A Survey," Journal of Economic Literature, June, 1979.
37. (With G.V. Jump) The Influence of the Anti-Inflation Program on Aggregate Wages and Prices: A Simulation Analysis, Anti-Inflation Board, Ottawa, 1979.
38. (With J.R.S. Prichard and W.S. Stanbury, co-editors) Canadian Competition Policy: Essays in Law and Economics, Butterworths, Toronto, 1979.
39. (With G.L. Reuber) "The Merger Provisions: An Evaluation," in Prichard, Stanbury, and Wilson, op. cit., pp. 255-267.
40. "Energy Policy: Overview and Macroeconomic Implications," in Energy Policies for the 1980's, Ontario Economic Council, Toronto, 1980, Vol. 1, pp. 1-13.
41. (With W.S. Comanor) "On the Economics of Advertising: A Reply to Bloch and Simon," Journal of Economic Literature, September 1980, pp. 1075-78.
42. "Macroeconomic Trends and International Trade: General Overview," in Developments Abroad and the Domestic Economy, Vol. 1, Ontario Economic Council, Toronto, 1980.
43. "Comment" on "The Scope for Short-Run Fiscal Stabilization Policy Within Confederation" (D.A.L. Auld) in R.M. Bird (ed.), Fiscal Dimensions of Canadian Federalism, Canadian Tax Foundation, 1980, pp. 112-117.
44. "Forecasting vs. Policy Analysis and the Art of Economic Forecasting: Some Observations," Economic Policy Review, vol. 3, No. 2, pp. 13-30, Institute for Policy Analysis, University of Toronto, 1981.

45. (With G.V. Jump) "Inflation and the Taxation of Personal Investment Income: An Appraisal," in D.W. Conklin (ed.), Inflation and the Taxation of Personal Investment Income, Ontario Economic Council, 1982, pp. 71-106.
46. (With D.P. Dungan) Potential GNP: Performance and Prospects, Institute for Policy Analysis, Report No. 10, 1982.
47. "Medium-Term Fiscal Planning for Recovery" (with D.P. Dungan), Canadian Public Policy/Analyse de Politiques, Vol. IX, No.3 (Sept. 1983), pp. 390-97.
48. "Deficits and the Economy to 1990: Projections and Alternatives (with D.P. Dungan) in Ontario Economic Council, Deficits: How Big and How Bad?, Toronto, Ontario, 1983, pp. 116-148.
49. "Comment" (pp. 60-64) and "Wrap-up Discussion" (pp. 200-203) in D.D. Purvis, (ed.), Declining Productivity and Growth, Kingston, Queen's University, John Deutsch Institute for the Study of Economic Policy, July 1984.
50. "Stabilization Policy Issues: An Appraisal of Possible Roles of Flexible Fiscal Policies in Ontario," in D.W. Conklin (ed.), A Separate Personal Income Tax for Ontario: Background Studies, Toronto, Ontario Economic Council, 1984.
51. "Otto Eckstein: Applied Economist Par Excellence," Review of Economics and Statistics, November 1984.
52. "Altering the Fiscal Policy Mix: Credible Policies to Reduce the Federal Deficit" (with Peter Dungan), Canadian Tax Journal, 33, No. 2 March/April 1985, pp. 309-19.
53. "The Fiscal Stance and the Economic Outlook: The Short-term Impact, in D.D. Purvis, (ed.), Report of the Policy Forum on the May 1985 Federal Budget, Kingston, John Deutsch Institute for the Study of Economic Policy, July, 1985, pp. 1-5.
54. "The 1985 Federal Budget: Macroeconomic and Fiscal Effects" (with M.E. MacGregor) Canadian Public Policy/Analyse de Politiques, Vol. XI, No. 3, (Sept. 1985) pp. 602-616.
55. "Lessons of the Recession," Presidential Address delivered to the 1985 meetings of the Canadian Economics Association, Canadian Journal of Economics, XVIII, No. 4, November 1985, pp. 693-722.
56. "Savings in Canada: Retrospective and Prospective" (with G.V. Jump) in John Sargent, (ed.), Economic Growth: Prospects and Determinants, Toronto, University of Toronto Press, 1986, pp. 129-91.
57. "Impact of Public Sector Wage Controls on Budget Deficits and Inflation" (with D.P. Dungan), in D.W. Conklin, T.J. Courchene, and W. Jones, (Eds.), Public Sector

- Compensation, Toronto, Ontario Economic Council Conference Volume, 1985, pp. 193-232.
58. "Macroeconomic Effects of the Budget" (with M.E. MacGregor), in M.F.J. Prachowny (ed) Policy Forum on the February 1986 Federal Budget, Kingston, John Deutsch Institute for the Study of Economic Policy, April 1985, pp. 46-60.
 59. "The Macroeconomic Effects of the 1986 Budget" (with M.E. MacGregor), Canadian Tax Journal, 34, No.2, May-June 1986, pp. 563-587.
 60. "The Corporate Income Tax Proposals: Reform or Retrogression" in Jack M. Mintz and Douglas D. Purvis (Eds.) Report of the Policy Forum on the Corporate Income Tax System, Kingston, John Deutsch Institute, November 1985, pp. 15-30 (Publication released early in 1987).
 61. "Modelling Anticipated and Temporary Fiscal Policy Shocks in a Macro-Econometric Model of Canada" (with D.P. Dungan). Canadian Journal of Economics, February 1988.
 62. "Macroeconomic Effects of Tax Reform in Canada" (with Peter Dungan) Canadian Tax Journal, January/February 1988.
 63. "Canada and the Pacific Rim: Trade and Growth Prospects: (with Jack Carr, and Gregory Jump, in Bernard T.K. Joei, Canada in the Evolving Pacific Community Taipei, Tamkang University, 1988, pp. 197-262.
 64. Co-editor (with L. Waverman) of a special issue of Canadian Public Policy - Analyse de Politiques on Macroeconomic Co-ordination and the Summit XV Supplement, February 1989 pp. 99.
 65. "Introduction: Is the Process the Message?" (with L. Waverman) Ibid, pp. S1-S9.
 66. "International Co-ordination of Macroeconomic Policies: A Review" (with M. Devereux, Ibid, pp. S20-S34.
 67. "Canada's Economic Prospects Over the Medium Term", in K. Lorne Brownsey (Ed) Canada-Japan: Policy Issues for the Future, Halifax, Institute for Research on Public Policy 1989, pp. 85-120.
 68. "The Proposed Federal Goods and Services Tax: Its Economic Effects Under Alternative Labour Market and Monetary Policy Conditions" (with Peter Dungan) Canadian Tax Journal, March-April, 1989, pp. 341-367.
 69. "Predictions of the Macroeconomic Effects of the Budget from the FOCUS Model", (with Peter Dungan), in Martin F.J. Prachowny (ed.), Policy Forum on the February 1990 Federal Budget, Queen's University, John Deutsch Institute for the Study of Economic Policy, April 1990, pp. 21-43.

70. "Cold Houses and Warm Climates Revisited: On Keeping Warm in Chicago, or Paradox Lost", (with D.N. Dewees), Journal of Political Economy, 98(3), June 1990, pp. 656-63.
71. "Alternatives to the Goods and Services Tax", (with P. Dungan and J. Mintz), Canadian Tax Journal, Vol. 38, No. 3 (1990) pp. 644-666
72. "Symposium - The Canada-U.S. FTA: Economic Modeling of the Canada-U.S. Free Trade Agreement: Introduction " (with D.P. Dungan and R.G. Harris) Journal of Policy Modeling 13 (3) pp. 417-19 (1991).
73. "The Canada-U.S. FTA: Macroeconomic Effects and Sensitivity Analysis" (with D.P. Dungan), Journal of Policy Modeling, 13 (3) pp. 435-457 (1991).
74. "A Note on the Macroeconomic Implications of the 1991 Federal Budget" (with D.P. Dungan), in M.F.J. Prachowny and D.D. Purvis (Eds.) The February 1991 Federal Budget, Queen's University, John Deutsch Institute for the Study of Economic Policy, April 1991 pp. 1-14.
75. "The Allocation of Tax Authority in the Canadian Federation" (with Jack Mintz) in R.W. Boadway, T.J. Courchene and D.D. Purvis (Eds.) Economic Dimensions of Constitutional Change, Vol 1, John Deutsch Institute for the study of Economic Policy, Kingston (1991) pp 169-188.
76. "Reflections on Canada-U.S. Tax Differences" John Shoven and John Whalley, Eds. Canada-U.S. Tax Comparisons, N.B.E.R. University of Chicago Press, 1992, pp 365-374.
77. "Analysis of the Macroeconomic Effects of the 1992 Federal Budget" (with Peter Dungan and Steve Murphy) in T.J. Courchene and M.F.J. Prachowny (Eds) The February 1992 Federal Budget, Queen's University, John Deutsch Institute for the Study of Economic Policy, 1992, pp. 1-11.
78. "An Analysis of the Profitability of Businesses of Diversified Companies", Review of Industrial Organization, Vol 7, 1992, pp 151-185.
79. "Productivity and Growth: Canada's Competitive Roots" (with M. Denny), in T.J. Courchene and D.D. Purvis, Eds, Productivity, Growth and Canada's International Competitiveness, Bell Canada Papers on Economic Policy, Vol. 1, 1993, pp 7-57.
80. Fiscal Policy in Canada: An Appraisal (with Peter Dungan), Canadian Tax Foundation, Toronto, 1993; pp. 224.
81. "Alternatives to the Goods and Services Tax", (with Jack Mintz) Policy Options, Vol 14, No. 8, pp. 40-43 (1993).
82. "Sales Tax Harmonization: The Key to Simplification", (with Jack Mintz and Pierre Pascal Gendron) Tax Notes International, 8(10) Mar 7, 1994 pp 661-678.

83. Public Debt and the Macro-Economy (with D. P. Dungan). A report for the Government and Competitiveness Project (94-02) School of Policy Studies, Queen's University, 1994, pp. 179.
84. "The Sources of the Recession in Canada: 1989-1992", (with P. Dungan and S. Murphy). Canadian Business Economics 2(2), 1994, pp. 3-15.
85. "Tax System of Canada" (with R. M. Bird and D. B. Perry), Tax Notes International, Jan 9, 1995 pp. 152-180 (Invited paper).
86. "Options for the Goods and Services Tax" (with Jack Mintz) Canadian Business Economics, 3(1), 1995, pp. 27-36.
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Consulting and Contract Research Experience

Fields:

Economic Forecasting, Fiscal Policy Analysis, Wage-Price Models, Regulatory Proceedings, Competition Policy, Advertising, and Industrial Organization.

Federal Government Agencies:

Royal Commission on Taxation, Dept. of Industry, Dept. of Justice, Prices and Incomes Commission, Dept of Consumer and Corporate Affairs, Anti-Inflation Board, Economic Council of Canada, Dept. of Finance, Royal Commission on the Economic Union and Development Prospects for Canada, Director of Investigation and Research, Canada Revenue Agency.

Other Government Agencies:

Alberta Government, Metro Toronto, Ontario Economic Council, U.S. Treasury, U.S. Bureau of the Census, U.S. Commission on Money and Credit, U.S. Congress Joint Economic Committee.

Private Firms and Non-Profit Institutions:

ARA Consultants, Association of Canadian Distillers, CNCP Telecommunications, Unitel Communications, and AT&T Canada, C.D. Howe Research Institute, Canadian Cable Systems Ltd., Canadian Real Estate Association, Canadian Daily Newspaper Association, Canadian Tax Foundation, Central Ontario Coalition, Data Resources Inc., Institute for Research on Public Policy, Harvard Institute for International Development, John Labatt Ltd., London and St. Thomas Real Estate Board, National Bureau of Economic Research, Ontario Home Builders Association, Social Science Federation of Canada, Powerdirect TV, Telesat Canada, The Stanton Group, Parlee McLaws, Towers Perrin, Union Gas, Canadian Real Estate Association, Esso, Samson Cree Nation, Ducks Unlimited Canada, School of Public Policy (University of Calgary)

Qualifications as an Expert Witness:

I have been qualified as an expert economics witness before the Canadian Radio-Television and Telecommunications Commission, the Ontario Joint Board (Ontario Municipal Board and

Environmental Board), the Competition Tribunal, the Ontario Energy Board and the Federal Court of Canada (Trial Division). I have submitted opinions to the Ontario Superior Court with respect to settlements reached in three separate price fixing actions.