

Last updated: July 15, 2011

**CURRICULUM VITAE**

**NAME:** Ross R. McKittrick

**RANK:** Professor

**STATUS:** Tenured

**Member of Graduate Faculty: Yes**

<b>DEGREES:</b>	B.A.(Hons)	Economics,	Queen's University	1988
	M.A.	Economics	University of British Columbia	1990
	Ph.D.	Economics	University of British Columbia	1996

**EMPLOYMENT HISTORY:**

1988-1989	Research Assistant, Industrial Relations Centre, Queen's University
1989-1994	Teaching Assistant, University of British Columbia
1989-1996	Research Assistant, University of British Columbia
1996-2001	Assistant Professor, Economics, University of Guelph
2001-2009	Associate Professor, Economics, University of Guelph
2009-	Professor

**AWARDS AND HONOURS:**

2003 Canadian Science Writers Association of Canada Book Award (Finalist), for *Taken By Storm: The Troubled Science Policy and Politics of Global Warming* coauthored with Christopher Essex

2003 Donner Prize (Runner-up) for Best Book on Canadian Public Policy, for *Taken By Storm: The Troubled Science Policy and Politics of Global Warming* coauthored with Christopher Essex.

**MAJOR SCHOLARLY AND PROFESSIONAL ACTIVITIES**

Referee (Journals): *American Economic Review, Econometrica, Energy Journal, Energy Studies Review, Environment and Energy, Environment and Development Economics, Canadian Journal of Economics, Canadian Public Policy, Canadian Journal of Agricultural Economics, International Journal of Climatology, Journal of Environmental Economics and Management, Journal of Economics and Management Strategy, Journal of Environmental Management, Journal of Comparative Economics, Journal of Regulatory Economics, Physical Geography, Public Choice, Water Resources Journal.*

Selected Media Interviews and Coverage

Television: BBC, Fox, ITV, CBC, CTV, Global, Sun TV

Radio: CBC, Corus, CKNW, CHQR, CIFM, CFOR, CHED, AM740

Print: *Economist, Wall Street Journal, Globe and Mail, National Post, Time, Ottawa Citizen, Calgary Herald, Kitchener-Waterloo Herald, London Free Press, Toronto Sun, Guelph Mercury, Guelph Tribune, Report Magazine, Die Stern, Der Spiegel, Sydney Morning Herald, MIT Technology Review.*

Print Op-eds: *National Post, Newsweek, Christian Science Monitor, Irish Times.*

**RESEARCH FUNDING RECEIVED**

<b>Date of Award</b>	<b>Type of Grant/Contract</b>	<b>Source</b>	<b>Amount</b>	<b>Duration</b>	<b>Purpose</b>
1999	Internal award	SSHRC	3,000	1 year	Research
2000	Grant-individual	SSHRC	37,517	3 yrs.	Research
2000	Grant- with J. Livernois	Env. Canada	8,000	1 year	conf.support
2000	Internal Award	UofG	4,500	1 semester	Res. Asst.
2000	Grant-individual	UofG Inst.Dev.Grant	2,500	1 year	development
2001	Internal Award	UofG	4,500	1 semester	Res. Asst.
2002	Grant-individual	Donner Cdn. Foundation	20,000	1 year	book

2003	Grant-individual	SSHRC	134,000	3 years	Research
2007	Grant-individual	SSHRC	45,000	3 years	Research
2010	Grant-individual 4A	SSHRC	5,000	1 year	Research

**CAREER INVOLVEMENT IN GRADUATE WORK**

Master's Projects	(a) Supervision	19
	(b) Supervisory Committee	4
	(c) Examination Committee	2
Doctoral Thesis	(a) Supervisor	2
	(b) Supervisory Committee	10
	(c) Examination Committee	8

**GRADUATE COURSES TAUGHT**

ECON\*6800 Environmental Economics: Winter 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2005, 2011; Fall 2005, 2006, 2007, 2008

ECON\*6900 Directed Readings in Law and Economics Fall 2005

**UNDERGRADUATE COURSES TAUGHT**

ECON\*4930 Environmental Economics: Fall 1996, 1997, 1998 2010, Winter 1999, 2000, 2001, 2002, 2003, 2005, 2006, 2007, 2008, 2011

ECON\*4900 Directed Readings in Environmental Economics: Fall 2000

ECON\*2100 Economic Growth and Environmental Quality: Fall 1998, 1999

ECON\*1200 Introductory Microeconomics: Fall 1996, 1997

**PUBLICATIONS:**

**Books Authored**

1. McKitrick, Ross R. with Christopher Essex (2002) *Taken by Storm: The Troubled Science, Policy and Politics of Global Warming* Key Porter Books, fall 2002. Second edition: Fall 2007.

2. McKitrick, Ross R. (2009) *Economic Analysis of Environmental Policy* forthcoming fall 2010 University of Toronto Press, 380 pp.

### Books Edited

3. McKitrick, Ross R, ed.. (2009) *Critical Topics in Global Warming*. Vancouver: The Fraser Institute, April 2009.

### Chapters in Books

4. McKitrick, Ross R. (2004) "Budget '03 and the Kyoto Process." In *The 2003 Federal Budget: Conflicting Tensions* (C. Beach ed.), John Deutsch Institute, Kingston Ont., Spring 2004.
5. McKitrick, Ross R. (2005) and Carl Mitcham, "Economics:Overview" in *The Macmillan Encyclopedia of Science, Technology and Ethics*, Thompson Gale, July 2005.
6. McKitrick, Ross R. (2007) "Bringing Balance, Disclosure and Due Diligence into Science-Based Policymaking." In Porter, Jene ed., *Public Science in Liberal Democracy: The Challenge to Science and Democracy*, University of Toronto Press, 2007.
7. McKitrick, Ross R. (2006) "The Mann et al. Northern Hemisphere "Hockey Stick" Climate Index: A Tale of Due Diligence." in Michaels, Patrick, ed. *Shattered Consensus: The True State of Global Warming*. Rowman and Littlefield, 2006.
8. McKitrick, Ross R. (2008) "The T3 Tax as a Policy Strategy for Global Warming" in Nakamura, A. ed. *The Vancouver Volumes*, Trafford Press, forthcoming.
9. McKitrick, Ross R. (2008) "Response to David Henderson's 'Governments and Climate Change Issues: the Flawed Consensus'" in Todd, Walker and Kerry Lynch, eds. *American Institute of Economic Research Economic Education Bulletin*, vol. 48 no. 5 (May 2008) Special Issue "The Global Warming Debate: Science, Economics and Policy." pp. 83—104.
10. McKitrick, Ross R. (2008) "Air Pollution Policy in Canada: Improving on Success" in Schneider, N. ed., *A Breath of Fresh Air: Market-Based Solutions for Environmental Challenges*, Vancouver: Fraser Institute, September 2008.
11. McKitrick, Ross R. and Olavi Kärner (2009) "Long Term Persistence and Nonstationarity in Geophysical Data." In McKitrick, Ross R. (ed.) *Critical Topics in Global Warming*, Vancouver: Fraser Institute (April 2009).
12. D'Aleo, Joseph, Madhav Khandekar and Ross R. McKitrick (2009) "Problems with the Global Surface Thermometer Network." In McKitrick, Ross R. (ed.) *Critical Topics in Global Warming*, Vancouver: Fraser Institute (April 2009).

### Papers In Refereed Journals

13. McKittrick, Ross (1997). "Double-Dividend Environmental Taxation and Canadian Carbon Emissions Control" *Canadian Public Policy* December 1997, pp. 417-434.
14. McKittrick, Ross R. (1998) "The Econometric Critique of Applied General Equilibrium Modelling: The Role of Functional Forms." *Economic Modelling* 15 pp. 543-573.
15. Helliwell, John F. and Ross R. McKittrick, (1999) "Comparing Capital Mobility across National and Provincial Borders," *Canadian Journal of Economics* 32(5) pp. 1164-1173.
16. McKittrick, Ross R. (1999) "A Cournot Mechanism for Pollution Control under Asymmetric Information." *Environmental and Resource Economics*, October 1999, pp. 353-363.
17. McKittrick, Ross R. (1999) "A Derivation of the Marginal Abatement Cost Function." *Journal of Environmental Economics and Management*, May 1999, pp. 306-314.
18. McKittrick, Ross R. and Robert Collinge (2000) "Linear Pigovian Taxes and the Optimal Size of a Polluting Industry" *Canadian Journal of Economics* 33(4) pp. 1106-1119.
19. McKittrick, Ross R. (2000) "The Design of Regulations Expressed as Ratios or Percentage Quotas" *Journal of Regulatory Economics* 19(3), pp. 295-305.
20. McKittrick, Ross R. and Robert C. Collinge (2001), "The Existence and Uniqueness of Optimal Pollution Policy in the Presence of Victim Defence Measures." *Journal of Environmental Economics and Management* 44, pp. 106-122.
21. McKittrick, Ross R. (2001) "Mitigation versus Compensation in Global Warming Policy." *Economics Bulletin*, Vol 17 no. 2 pp. 1-6, 2001.
22. Weersink, Alfons, Michael Nailor and Ross R. McKittrick (2001). "The Economics of Voluntary Shared Cost Programs" *Current Agriculture, Food and Resource Issues*, No. 2/2001 pp.23-36.
23. McKittrick, Ross R. (2002) "Inference About Trends in Temperature Data After Controlling for Serial Correlation and Heteroskedastic Variance." *Proceedings of the Russian Geographical Society*, Vol. 164(3), pp. 16-24, 2002.
24. McKittrick, Ross R. and Timothy Shufelt (2002), "Environmental Impacts of Enhanced Property Rights." *Environment and Energy* 13(3) pp. 367-382.
25. McKittrick, Ross R. and Patrick J. Michaels, (April 2004) "A Test of Corrections for Extraneous Signals in Gridded Surface Temperature Data." *Climate Research* 26(2) 159-173, April 2004.
26. McKittrick, Ross R. and Stephen McIntyre (2003) "Corrections to the Mann et. al. (1998) Proxy Data Base and Northern Hemisphere Average Temperature Series." *Environment and Energy* 14(6) pp. 751-771, October 2003.

27. McKitrick, Ross R. and Patrick J. Michaels (2004) “Are Temperature Trends Affected by Economic Activity? Reply to Benestad (2004)” *Climate Research* 27(2) pp. 175-176.
28. McKitrick, Ross R. (2005) “Decentralizing a Regulatory Standard Expressed in Ratio or Intensity Form.” *Energy Journal* 26(4) 1-9.
29. McKitrick, Ross R. and Christopher Essex (2005) “Reply to Professor Nicholls.” *Australian Journal of Agricultural and Resource Economics*, 49, pp. 364-367.
30. McKitrick, Ross R. and Stephen McIntyre (2005) “Hockey Sticks, Principal Components and Spurious Significance.” *Geophysical Research Letters* Vol.32, No. 3, L03710, 10.1029/2004GL021750 12 February 2005.
31. McKitrick, Ross R. and Stephen McIntyre (2005) “Reply to Comment by von Storch and Zorita on “Hockey Sticks, Principal Components and Spurious Significance”” *Geophysical Research Letters* 32(20) L20714 10.1029/2005GL023089 21 October 2005
32. McKitrick, Ross R. and Stephen McIntyre (2005) “Reply to Comment by Huybers on “Hockey Sticks, Principal Components and Spurious Significance”” *Geophysical Research Letters* 32(20)L20714 10.1029/2005GL023586 21 October 2005
33. McKitrick, Ross R. and Stephen McIntyre (2005) “The M & M Critique of the MBH98 Northern Hemisphere Climate Index: Update and Implications.” *Energy and Environment* 16(1) pp. 69-100.
34. McKitrick, Ross R. (2005) “Science and Environmental Policymaking: Bias-Proofing the Assessment Process.” *Canadian Journal of Agricultural Economics* (53) 275-290.
35. McKitrick, Ross R. (2006) “The Politics of Pollution: Party Regimes and Air Quality in Canada” *Canadian Journal of Economics* 39(2), May 2006, 604-620.
36. McKitrick, Ross R. (2006) “Why Did US Air Pollution Emissions Decline After 1970”? *Empirical Economics* DOI:10.1007/s00181-006-0111-4.
37. Byatt, Ian, Ian Castles, Indur M. Goklany, David Henderson, Nigel Lawson, Ross McKitrick, Julian Morris, Alan Peacock, Colin Robinson and Robert Skidelsky (2007) “The Stern Review: A Dual Critique. Part II: Economic Aspects.” *World Economy* 7(4) pp. 199-232.
38. Essex, Christopher, Bjarne Andresen and Ross McKitrick (2007) “Does a Global Temperature Exist?” *Journal of Nonequilibrium Thermodynamics*, Vol 32 No. 1.
39. McKitrick, Ross R. and P.J. Michaels (2007) “Quantifying the influence of anthropogenic surface processes and inhomogeneities on gridded global climate data.” *Journal of Geophysical Research*, 112, D24S09, doi:10.1029/2007JD008465, 2007.
40. McKitrick, Ross R. (2008) “Calling the Carbon Bluff” *Environment and Energy* 19(5) 707—711.

41. McIntyre, Stephen and Ross R. McKitrick (2009) “Proxy inconsistency and other problems in millennial paleoclimate reconstructions.” *Proceedings of the National Academy of Sciences* February 2, 2009. 106:E10; doi:10.1073/pnas.0812509106
42. Koop, Gary M., Ross R. McKitrick and Lise A. Tole (2010) “Air Pollution, Economic Activity and Respiratory Illness: Evidence from Canadian Cities, 1974-1994” *Environmental Modeling and Software* , DOI:10.1016/j.envsoft.2010.01.010.
43. McKitrick, Ross R. (2010) “Atmospheric Oscillations do not Explain the Temperature-Industrialization Correlation.” *Statistics, Politics and Policy*, July 2010.
44. McKitrick, Ross R. and Nicolas Nierenberg (2010) “Socioeconomic Signals in Climate Data.” *Journal of Economic and Social Measurement*, 35(3,4) pp. 149-175. DOI 10.3233/JEM-2010-0336.
45. McKitrick, Ross R., Stephen McIntyre and Chad Herman (2010) “Panel and Multivariate Methods for Trend Comparisons in Climate Data Series” *Atmospheric Science Letters* Volume 11, Issue 4, pages 270–277, October/December 2010 DOI: 10.1002/asl.290.
46. McKitrick, Ross R. (2010) “A Simple State-Contingent Pricing Rule for Complex Intertemporal Externalities” *Energy Economics* doi:10.1016/j.eneco.2010.06.013.
47. McIntyre, Stephen and Ross McKitrick (2011) “Discussion of: A Statistical Analysis of Multiple Temperature Proxies: Are Reconstructions of Surface Temperatures Over the Last 1000 Years Reliable?” *Annals of Applied Statistics* Vol. 5, No. 1, 56–6 DOI: 10.1214/10-AOAS398L.

#### **Technical and Contract Reports (\*Peer-reviewed)**

48. McKitrick, Ross R. (2002) National Round Table on the Environment and the Economy, Sustainability Indicators Project. Invited commentary paper on net savings-based indicator. March 28, 2002.
49. McKitrick, Ross R. (2002) National Round Table on the Environment and the Economy, Sustainability Indicators Project. Review Paper on Proposed method, prepared for economists’ workshop Feb 20 2002.
50. \*McKitrick, Ross R. and Randall M. Wigle (2002) “The Kyoto Protocol: Canada’s Risky Rush to Judgment.” C.D. Howe Institute Commentary, October 2002.
51. McKitrick, Ross R. (2002) “Measuring Environmental Productivity in Theory and Practice”, Statistics Canada Productivity Measurement Conference, Ottawa, November 2002.

52. \*McKitrick, Ross R. and Stephen McIntyre (2004) "Materials Complaint" Technical submission to *Nature* which, after refereeing, triggered the *Corrigendum* of Mann et al., *Nature* (430) p. 105, July 2004.
53. McKitrick, Ross R. (2004) "Power Plants, Air Quality and Health: The Case for re-examining Ontario's Coal Policy." Technical Report to the Power Workers Union, June 2004, mimeo.
54. McKitrick, Ross R. (2005) Submission to the House of Lords Select Committee on Climate Change, UK, 2005.
55. \*McKitrick, Ross R., Kenneth Green and Joel Schwartz (2005) "Pain Without Gain: Shutting Down Coal-Fired Power Plants Would Hurt Ontario" Fraser Institute, January 2005.
56. McKitrick, Ross R. and Stephen McIntyre (2006) "Presentation to the National Academy of Sciences Expert Panel, 'Surface Temperature Reconstructions for the Past 2,000 Years,'" March 2006.
57. McKitrick, Ross R. and Stephen McIntyre (2006) Congressional Testimony, House Committee on Energy and Commerce, Washington DC July 27<sup>th</sup>, 2006.
58. McKitrick, Ross R. (2006) Submission to the UK Stern Commission on the Economics of Climate Change, UK, 2006.
59. McKitrick, Ross R. (2007) Invited Review of the NRTEE 'Interim Report to the Minister of the Environment' and 'Clean Air Act Technical Briefings', 2007.
60. \*McKitrick, Ross R. with Joseph D'Aleo, Madhav Khandekar, William Kininmonth, Christopher Essex, Wibjörn Karlén, Olavi Kärner, Ian Clark, Tad Murty and James J. O'Brien (2007) "The Independent Summary for Policymakers of the IPCC Fourth Assessment Report." Vancouver: Fraser Institute, 2007.
61. McKitrick, Ross R. (2008) "The Environmental Crisis: The Devil is in the Generalities." Invited article, *Academic Matters* April 2008.
62. \*McKitrick, Ross R. and Bruce D. McCullough (2009) "Check the Numbers: The Case for Due Diligence in Policy Formation." Fraser Institute, February 2009.
63. McKitrick, Ross R. (2010) Evidence submitted to the Independent Climate Change Emails Review, University of East Anglia, UK, March 2010.
64. McKitrick, Ross R. (2010) Submission of evidence to the UK House of Commons Science and Technology Committee Inquiry into the Disclosure of Data from the Climatic Research Unit, University of East Anglia, UK, March 2010.

## Book Reviews

65. McKittrick, Ross R. (2002) Review of *The Collapse of the Kyoto Protocol and the Struggle to Slow Global Warming* (by David Victor) *Policy Options*. May-June 2002.
66. McKittrick, Ross R. (2002) Review of *Economics of Coastal and Water Resources: Valuing Environmental Functions* (by R.K. Turner *et. al.*, eds.) *The World Economy* June 2002.
67. McKittrick, Ross R. (2003) Review of *International Environmental Policy: Interests and the Failure of the Kyoto Process* by Sonja Boehmer-Christiansen and Aynsley Kellow (*The World Economy* Spring 2003)
68. McKittrick, Ross R. (2007) Review of *Responsible Growth for the New Millennium: Integrating Society, Ecology and the Economy*. The World Bank. *The World Economy* May 2007.

### **Papers Read (Conferences, Workshops, etc.)**

#### Academic Conferences

1. Canadian Resources and Environmental Economics Study Group, Hamilton, October 1997
2. Canadian Resources and Environmental Economics Study Group, Ottawa, October 1998
3. Canadian Resources and Environmental Economics Study Group, Montreal, October 2002
4. Canadian Resources and Environmental Economics Study Group, Victoria, October 2003
5. Canadian Resources and Environmental Economics Study Group, Calgary, October 2004
6. Canadian Resources and Environmental Economics Study Group, Montreal, October 2005
7. Canadian Resources and Environmental Economics Study Group, Wolfeville, October 2006
8. Canadian Resources and Environmental Economics Study Group, Ottawa, October 2007
9. Canadian Resources and Environmental Economics Study Group, Toronto, October 2008
10. Canadian Resources and Environmental Economics Study Group, Guelph, October 2010 (poster)
  
11. Canadian Economics Association, June 2001
12. Canadian Economics Association, May 2003
13. Canadian Economics Association, June 2004
14. Canadian Economics Association, June 2005
15. Canadian Economics Association, May 2006
16. Canadian Economics Association, June 2011
  
17. Atlantic Economic Society, Vienna, March 1999
18. World Congress of Environmental Economics, Monterey California. June 2002
19. Symposium on Global Warming and the Next Ice Age, Los Alamos National Laboratory, Santa Fe NM, July 2006
20. World Congress of Environmental Economics, Montreal Quebec. June 2010
21. Southern Ontario Resource and Environmental Economics Workshop May 2011

#### Invited Academic Seminars

22. Finance Canada, October 1996
23. Wilfrid Laurier University, Department of Economics, October 1997

24. Canadian University Program on Global Change, University of Alberta, January 1998
25. McMaster University Department of Economics, February 1998
26. University of Chicago Department of Economics, May 3, 2000
27. Finance Canada, October 2002
28. University of Guelph Veterinary College, Department of Population Medicine, April 2003
29. University of Regina Department of Economics/Saskatchewan Institute of Public Policy October 2003
30. University of Manitoba Department of Economics November 2003
31. University of Waterloo Department of Economics November 2003
32. Wilfrid Laurier University Department of Economics April 2004
33. University of Victoria Department of Economics April 2005
34. University of Calgary Department of Economics April 2005
35. University of Western Ontario Department of Economics April 2005
36. McMaster University Department of Economics November 2005
37. University of North Carolina-Greenwood, Symposium on Global Climate Change, April 2006.
38. Queen's University School of Urban and Regional Planning November 2006
39. University of Delaware Department of Geography November 2006
40. University of Ottawa Department of Economics May 2007
41. University of Alberta Department of Economics March 2007
42. Queen's University Department of Economics 4<sup>th</sup> Year Student Seminar February 2008
43. University of Western Ontario School of Earth Sciences March 2008
44. York University Department of Economics January 2009
45. Sir Wilfrid Laurier University Department of Economics March 2009
46. Strathclyde University Department of Economics, Glasgow, October 14, 2009
47. University of Buckingham, UK October 28, 2009
48. Exeter University Joint Seminar, Economics and Climate Change Research Unit, UK, November 6, 2009
49. Heriot Watt University School of Engineering, Edinburgh, November 25, 2009.

Invited Conference and Plenary Addresses

50. Acton Institute Symposium on Stewardship, Connecticut, October 1999
51. Third Age Learning Group, University of Guelph, March 2000
52. Competitive Enterprise Institute Briefing, United States Congress, Washington DC, October 2001
53. Civitas Forum, Vancouver, April 2002.
54. Coal Association of Canada, Calgary May 2002
55. CD Howe Institute Canadian Energy Conference, Calgary, May 2002
56. Canadian Association of Business Economics Annual Meeting, Ottawa, October, 2002
57. Inter-Ministry Briefing, Ontario Government, November 2002
58. Competitive Enterprise Institute Briefing, Capitol Hill, Washington DC, February 2003
59. Vision 2020: Expanding Prairie Horizons, Winnipeg March 2003
60. University of Regina Public Lecture, October 2003
61. Marshall Institute Briefing, Capitol Hill, Washington DC, November 2003.
62. American Enterprise Institute Workshop on Economics of Climate Change, Washington DC November 2004

63. Fraser Institute Public Briefing, Vancouver BC, April 2005
64. Fraser Institute Public Briefing, Calgary AB, April 2005
65. University of Toronto Munk Centre of International Studies Roundtable Forum (by Invitation) with US Ambassador to Canada David Wilkins, November 2005
66. Fraser Institute Student Conference, Toronto ON, November 2005
67. University of Victoria, International Forum on Greenhouse Gas Management, April 2005
68. University of Western Ontario, Western Research Forum, April 2005
69. Monash University, Canberra, Asia-Pacific Economic Cooperation Study Centre, April 2005 (by videolink)
70. Upper Canada College, World Affairs Conference, Toronto ON, February 2006
71. Marshall Institute Climate Change Roundtable, US Senate Building Washington DC, February 2006
72. Tri-State Energy Managers Meeting, Cincinnati Ohio, June 2006
73. Gyro Club, Kitchener , January 2007
74. Fraser Institute Luncheon, London UK , February 2007
75. Ontario Forest Industry Association AGM, Toronto, February 2007
76. Ottawa Economics Association, Annual Meeting, March 2007
77. Fraser Institute Seminar, Vancouver, April 2007
78. Vancouver Roundtable, Vancouver Club, Vancouver, April 2007
79. COPIC Energy Conference, Toronto May 2007
80. Civitas Policy Conference, Halifax, May 2007
81. Queen's University, Energy Policy Conference (2 Presentations), May 2007
82. Friends of Science Workshop on Canadian Climate Policy, Calgary September 2007
83. Viessman European Research Centre Conference on Global Climate Change Policy, Wilfrid Laurier University , September 2007
84. American Institute of Economic Research Conference on Global Climate Change, Great Barrington MA, November 2007 November 2007
85. Institute on Religion and Democracy Conference on Environmental Ethics, Washington DC, November 2007
86. C.D. Howe Institute Conference on Climate Policy in Canada, Toronto, December 2007
87. University of Guelph Student Environment Conference, January 2008
88. University of Guelph Biomedical Science Department, 4<sup>th</sup> Year Seminar, February 2008
89. University of Guelph ASTRA Seminar, February 2008
90. Keynote Address, Ontario Forest Industry Association AGM, Toronto, February 2008
91. Heartland Institute International Conference on Global Climate Change, New York City, March 2008
92. Department of Finance Summer Retreat With Canada's Minister of Finance, Meech Lake, August 2008
93. Manning Centre for Building Democracy, Calgary, August 2008
94. Cambridge Rotary Club, Cambridge, September 10
95. Canadian Institute for Governance Innovation/Sir Wilfrid Laurier University Climate Policy Conference, Waterloo December 2008
96. Heartland Institute International Conference on Global Climate Change, New York City, March 2009
97. 'G4' Industry-Government Canadian Energy Policy Roundtable, Kananaskis Alberta, March 2009

98. Brampton Rotary Club May 11, 2009
99. Canada School of Energy and Environment, 'Road to Copenhagen' Conference Banff Alberta, June 2009
100. G4 Canadian Energy Policy Roundtable II, Alton Ontario, June 2009
101. Climate Forum, Westminster Business School, London UK, September 30 2009
102. European Parliament Conference on Climate Change, November 18 2009
103. Fraser Institute Behind the Spin, Toronto April 27 2010
104. Heartland Institute International Conference on Global Climate Change, Chicago, May 17 2010
105. Penn Workshop on Regulatory Science, George Washington University, June 7 2010
106. Gulbenkian Foundation, Reconciliation in the Climate Change Debate, Lisbon January 26-28 2011

Government Hearings and Testimony

107. United States House of Representatives Committee on Energy and Air Quality, Hearings Testimony, June 26 2008.
108. Government of Canada House of Commons Environment Committee, Hearings Testimony, April 2005
109. Government of Canada House of Commons Finance Committee, Hearings Testimony, May 2001
110. Government of Canada House of Commons Finance Committee, Hearings Testimony, April 2001