

CURRICULUM VITAE

NAME: Christopher Green

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EDUCATION:

University:

- University of Connecticut, Storrs, Conn.: 1955-59 B.A., Major in History
- Johns Hopkins University, 1959-60; Graduate work in History; No degree
- University of Connecticut, 1960-62; M.A. 1962; Economics
- University of Wisconsin, 1962-66; Ph.D. 1966; Economics

HONOURS:

- Phi Beta Kappa; National Science Foundation Fellowship 1964-66;
- Canada Council and SSHRC Sabbatic Leave Fellowship, 1975-76, 1982-83
- International Joseph A. Schumpeter Prize, 1992 (awarded at Schumpeter Society Meetings, Kyoto, Japan, August 1992
- Richard F. Salisbury Memorial Lecture, March 1999

PROFESSIONAL SOCIETY POSITIONS:

- Secretary-Treasurer, Canadian Economics Association, 1984-1994
- General Editor, International Joseph A. Schumpeter Society, 1996-1998

EMPLOYMENT:

- Research Associate, Institute for Research on Poverty, University of Wisconsin, Summer 1966
- Assistant Professor of Economics, North Carolina State University, September 1966-June 1969
- Assistant Professor of Economics, McGill University, 1969-71
- Associate Professor of Economics, McGill University, 1971-78
- Full Professor of Economics, McGill University, 1979-

SUBJECTS TAUGHT:

Public Finance at graduate level (1969-1973); Industrial Organization at undergraduate (**regularly**) and graduate levels (on occasion, but not recently); "Government Policies Toward Business" (an undergraduate course that I teach **regularly**); On rare occasions in the 1970s, I taught Labour Economics at undergraduate and graduate levels. I have also taught graduate level Macroeconomic Theory (1976-1979) and intermediate undergraduate level Macroeconomics (1986-1990); Principles of Economics (on two occasions in the 1980s); Natural Resource Economics at undergraduate level (on occasion, since 1990); Advanced Economic Theory—Honours (on occasion). In 1993-94, I introduced and taught two new courses "The Japanese Economy" (which I taught from 1993-1995, and is now taught by a colleague), and the "Economics of Climate Change", which I now **regularly** teach. I have contributed to teaching in two core courses in the McGill School of Environment, "The Global Environment" (1998-2006) and "Society and Environment" (1998-2000). In 2006, I introduced a new course, "The Chinese Economy", which I taught for the first time in Winter 2007, and again in 2008.

PUBLICATIONS:

BOOKS:

Negative Taxes and the Poverty Problem, (Washington: The Brookings Institution, 1967), 210 pp.

Unemployment in Canada: The Impact of Unemployment Insurance, (with J. M. Cousineau) Economic Council of Canada, Ottawa, 1976, 148 pp.

Canadian Industrial Organization and Policy, (Toronto: McGraw-Hill Ryerson, 1980), 331 pp.

Industrial Policy: The Fixities Hypothesis, Ontario Economic Council, 1984, 78 pp.

Canadian Industrial Organization and Policy, Second edition (Toronto: McGraw-Hill Ryerson, April, 1985), 486 pp.

Canadian Industrial Organization and Policy, Third edition (Toronto: McGraw-Hill Ryerson, 1990), 556 pp.

(With A. Asimakopulos and R. D. Cairns), ed., Economic Theory, Welfare and the State, Essays in Honour of John C. Weldon, (London: MacMillan, 1990), 268 pp.

(With J. McCallum), Parting as Friends: The Economic Consequences for Quebec, (Toronto: Howe Research Institute, 1991), 114 pp.

(With G. Eliasson and C. McCann), ed., Microfoundations of Economic Growth: A Schumpeterian Perspective (Ann Arbor: University of Michigan Press, 1998) 443 pp.

CASEBOOK:

J. Grey, C. Green, D. P. Jones, Material and Cases in Anticombiners Law and Regulation, McGill University, January 1978. Revised January 1980 (reproduced).

PUBLISHED REPORTS:

(With J. Bernstein) The Incidence of the Costs of Compliance with Government Regulation, Economic Council of Canada, Technical Report No. 1, October 1980, 118 pp.

(With P. Davenport, et al) Industrial Policy in Ontario and Quebec, (Toronto: Ontario Economics Council, 1982), 82 pp.

The 1992 Implication of a Single European Market: Telecommunications and Computers, (Ottawa Department of External Affairs, December 1989), 66 pp.

The 1992 Implications of a Single European Market: Minerals and Metals, (Ottawa, Department of External Affairs, June 1990), 68 pp.

ARTICLES:

"Schemes for Transferring Income to the Poor" (with Robert J. Lampman) Industrial Relations, February 1967.

"Transfer Mechanisms, Income Redistribution, and Canada's Proposed Tax Reform" Proceedings of the Twentieth Annual Conference of the Canadian Tax Foundation, (Toronto, Canada, 1968), pp. 264-73.

"Negative Taxes and Monetary Incentives to Work: The Static Theory" *The Journal of Human Resources*, Summer 1968, pp. 280-88.

"Improving Income Maintenance Through Negative Taxes", U.S. Congress Joint Economic Committee, Subcommittee on Economic Progress, Federal Programs for the Development of Human Resources, (Washington: U.S. Government Printing Office, 1968), Vol. 2, pp. 391-405.

"Income Security Through a Tax-Transfer System" in Towards Freedom from Want, ed Wilbur J. Cohen, R. J. Lampman, Sar A. Levitan (Industrial Relations Research Association, 1968).

"Negative Income Taxation as a Method of Income Maintenance" in Rural Poverty in the United States, (Washington: U.S. Government Printing Office, 1968) pp. 581-98.

Discussion of papers on Problems in the Area of Poverty, *The American Economic Review*, Papers and Proceedings, May 1969, pp. 473-74.

"The Effect of Non-Employment Income and Wage Rates on the Work Incentives of the Poor", (with Al Tella), *The Review of Economics and Statistics*, November 1969, pp. 399-408.

"The Effect of Non-Employment Income and Work Incentives of the Poor: Reply", *The Review of Economics and Statistics*, November 1970, pp. 449-450.

"The Role, Significance and Financial Problems of Small Business in Canada", Proceedings of the Twenty-Second Tax Conference of the Canadian Tax Foundation, (Toronto 1970) pp. 138-48.

"A Macroeconomic Analysis of the Economic Impact of Negative Income Taxes", The President's Commission on Income Maintenance Programs: Technical Studies, (Washington: U.S. Government Printing Office: 1970) pp. 101-119.

"Income Security for Canadians: A Review Article", (with A. Deutsch) *Canadian Tax Journal*, Jan. - Feb. 1971, pp. 8-16.

"The Hours of Work and Family Income Response to Negative Income Tax Plans: The Impact on the Working Poor" (with A. Tella, D. Tella) Upjohn Institute, Dec. 1991, Washington, pp. 31.

"Taxation; Social and Private Good", Gustav Schacter and Edwin L. Dale Jr. (eds.) The Economists Look at Society, (Lexington, Mass.: Xerox College Publishing 1973), ch. 15.

"Implementing Income Supplements: The Case for a Tax Credit Approach", Canadian Tax Journal, Sept. - Oct. 1973, pp. 426-440.

"The Political Economy of Low - Income Housing" (with A. Deutsch) Canadian Perspectives in Economics, (Collier-Macmillan), 1973.

"Canada's Income Maintenance System and Proposals for Change", Lawrence Officer, Lawrence Smith, eds. Issues in Canadian Economics, (McGraw-Hill Ryerson) July 1974, pp. 276-294.

"Recent Inflation: Its Causes and Implications for Public Policy", *Canadian Public Policy*, Winter, 1976, pp. 42-53.

"The Employment Ratio as a Policy Indicator", *The Labor Gazette*, September 1976, pp. 483-486.

"The Employment Ratio as an Indicator of Aggregate Demand Pressure", *Monthly Labor Review*, April 1977, pp. 25-32.

"Labor Market Performance from an Employment Perspective", *Canadian Public Policy*, Summer 1977, pp. 315-323.

"Structural Unemployment in Canada, 1971-1974: Did it Worsen?" (with J. M. Cousineau) *Relations Industrielles*, Summer 1978.

"Les Contraintes d'Ordre Economique d'un Quebec Eventuellement Separé", Economie du Québec et Choix Politiques (Montreal: Les Presses de L'Université du Quebec, 1979), pp. 301-330.

"Canadian Competition Policy at a Crossroads", *Canadian Public Policy*, Summer 1981, pp. 418-432.

"Directions for Reform", *Canadian Competition Policy Record*, Vol. 1, No. 3, December 1980, pp. 1-4.

"Canadian Competition Policy: Past and Present", in The Competition Policies of the European Economic Community and Canada, Miren A. Letemendia and Tom J.M. Zuijdwijk, ed. (Montreal: Institute of Comparative Law, McGill University, 1983) pp. 39-66.

"Agricultural Marketing Boards in Canada: An Economic and Legal Analysis", *University of Toronto Law Journal*, October 1983, pp. 407-433.

"Economics of the Arms Race", *McGill University Law Journal*, Vol. 28, No. 3, July 1983, pp. 651-683.

"Mainstreams in Industrial Organization: Challenge and Tasks", H.W. de Jong and W.G. Shepherd, eds, Mainstreams in Industrial Organization - Book I, (Dordrecht, Netherlands: Kluwer Academic Publishers, 1986), pp. 113-120.

"Mergers in Canada and Canada's New Merger Law", *The Antitrust Bulletin*, Spring 1987, pp. 253-273.

"Industrial Organization Paradigms, Empirical Evidence, and the Economic Case for Competition Policy", *Canadian Journal of Economics*, August, 1987, pp. 482-505.

"Commentary" (on "Patterns of Innovation and Entrepreneurship in Japan") A. Heertje and M. Perlman, eds. Evolving Technology and Market Structure: Studies in Schumpeterian Economics, (Ann Arbor: University of Michigan Press, 1990) pp. 203-207.

(With J. W. Galbraith) "Inference About Trends in Global Temperature Data", *Climatic Change*, **22** (November 1992) 209-221.

"Economics and the Greenhouse Effect", *Climatic Change*, **22** (December 1992) 265-291.

"Merger Law, Policy and Enforcement Guidelines in Canada", *The Review of Industrial Organization*, **8** (1993) 191-201.

"From 'Tax State' to 'Debt State'", *Journal of Evolutionary Economics*, **3** (1993) 23-42. (This paper was awarded the 1992 International Joseph A. Schumpeter Prize.)

"The Economic Impact of Global Warming on Quebec", *Le Climat*, **11** (spécial) (May 1993) 4-18.

"Regulation of Business Activity: Comments", Competitiveness and Regulation, R. Hirshhorn and J-F Gautrin (eds), Government and Competitiveness Project, Queens: School of Policy Studies, 1993, pp. 44-50.

"What Should We Do with the UI System?" Unemployment Insurance: How to Make it Work, J. Richards and W. G. Watson (eds), Toronto: C. D. Howe Institute, 1994, pp. 1-35.

"The Greenhouse Effect and Environmentally Induced Technological Change", Innovation in Technology, Industries and Institutions: Studies in Schumpeterian Perspectives, Yuichi Shionoya and Mark Perlman (eds), University of Michigan Press, 1994, pp. 93-116.

"Economic Dynamism: Durability, Learning, and Time-Differentiated Demand", Behavioral Norms, Technological Progress and Economic Dynamics: Studies in Schumpeterian Economics, E. Helmstädter and M. Perlman (eds), University of Michigan Press, 1996, pp. 315-330.

(with H.D. Lightfoot) "New Sources of Energy are Needed to Halt Global Warming", *Policy Options*, **19** (May) 1998, 16-19.

"A Scale-Related Difficulty in Switching from Fossil fuels to Renewables: Renewables are Highly Land Intensive", in S.J. Hassol and J.Katzenberger (eds.), Elements of Change, 1997. Aspen Global Change Institute, 1998, pp. 57-61.

(With A.J. Weaver) "Global Climate Change: Lessons from the Past - Policy for the Future", *Ocean and Coastal Management*, vol. **39**, no. 1-2, 1998, pp. 73-86.

"The Industrial Economics of Biotechnology", *Journal of Consumer Policy*, **21**, 1998. B. Knoppers and A. Mathios (eds), Biotechnology and the Consumer, Netherlands, Kluwer, 1998, pp. 345-376.

"Potential Scale-Related Problems in Estimating the Costs of CO₂ Mitigation Policies", *Climatic Change*, vol. **44**, February 2000, pp. 331-349.

M. Hoffert, K. Cadeira, G. Benford, D.R. Criswell, C. Green, H. Herzog, A.K. Jain, H.S. Kheshgi, K.S. Lackner, J.S. Lewis, H.D. Lightfoot, W. Mannheimer, J.C. Mankins, M.E. Mauel, L.J. Perkins, M.E. Schlesinger, T. Volk, T.M.L. Wigley, "Advanced Technology Paths to Global Climate Stability: Energy for a Greenhouse Planet", *Science*, V. **298**, 1 November 2002, pp. 981-987.

M.I. Hoffert (lead author) with C. Green and 16 other co-authors, "Response", *Science*, vol. **300**, 25 April, 2003: pp. 582-584.

"Canada's Kyoto Commitment: Fiscal and 'Real' Aspects", *The 2003 Federal Budget: Conflicting Tensions*, C.M. Beach and T.A. Wilson, eds, John Deutsch Institute for the Study of Economic Policy, Published in Cooperation with McGill-Queens University Press, 2004, pp. 193-207.

(With J.A. Edmonds and J. Clarke) "The Value of Energy Technology in Addressing Climate

Change”, in M. Thorning and A. Illarionov (eds), *Climate Change Policy and Economic Growth: A Way Forward to Ensure Both*, International Council for Capital Investment and the Institute for Economic Analysis, Brussels, Belgium, Dec. 2004.

(With S. Baksi and M. Dilmaghani), “Challenges to a Climate Stabilizing Energy Future”, *Energy Policy*, vol. **35** (2007) 616-626.

“Slowing, Then Reducing, Greenhouse Gas Emissions is Important but Will Not Be Easy”, in J. Leonard, C. Ragan, and F St-Hilaire, *A Canadian Priorities Agenda*, Institute for Research on Public Policy, 2007:107-114.

“Climate Change: Actions, Not Targets”, *Policy Options*, vol. **29** No. 01 (December 2007-January 2008) 58-62.

(With S. Baksi, lead author), “Calculating Economy-Wide Energy Intensity Decline Rate: The Role of Sectoral Output and Energy Shares”, *Energy Policy*, vol.**35** (2007): 6457-6466.

(With R Pielke Jr. and T.M.L. Wigley), “Dangerous Assumptions”, *Nature*, vol. **452**, 3 April 2008: 531-532.

“‘Perspective’ on Climate Change”, in *Global Crises, Global Solutions* (ed) Bjorn Lomborg, Cambridge University Press, 2009, pp. 281-297.

(with Isabel Galiana) “Let the Technology Race Begin”, *Nature*, vol. **462**, 3 Dec. 2009: 570-571.

“Carbon Pricing and the Technological Imperative”, in T.Courchene (ed), *Carbon Pricing and Environmental Federalism*, Institute for Intergovernmental Relations, Queens University (To be published in a conference volume in early 2010.)

(with Isabel Galiana) “Let the Global technology Race Begin”, *Nature*, vol. **462** 3 December, 2009 570-571.

(with Isabel Galiana) “A Technology-led Climate Policy”, Copenhagen Consensus on Climate, *Advice for Policymakers*, Copenhagen Consensus Center, 2009, pp. 25-33.

(With Gwyn Prins, lead author and 13 other co-authors) “The Hartwell Paper: A New Direction for Climate Policy after the Crash of 2009”, LSE, The MacKinder Programme for the study of long wave events. May 2010 (paper translated into five other languages, including Japanese and Chinese.

(with Isabel Galiana) “Technology-led Climate Policy”, *Smart Solutions to Climate Change: Comparing Costs and Benefits*, Chapter 7: 292-339 (Cambridge University Press, 2010)

BOOK REVIEWS:

Review of The Personal Exemptions in the Income Tax System, by Lawrence Seltzer Journal of Economic Literature, (December 1969) pp. 1201-02.

Review of Poverty in Canada. A Report of the Special Senate Committee on Poverty, Canadian Journal of Economics, (March 1972) pp. 318-21.

Review of The Theory of Unemployment Reconsidered, by Edmond Malinvaud, Canadian Journal of Economics, November 1978, pp. 775-777.

Review of Anticompetitive and Antitrust: The Competition Law of Canada and the Antitrust Law of the United States, by R.J. Roberts, New Brunswick Law Journal, Winter 1981.

Review of The Role of Scale in Canada/U.S. Productivity Differences in the Manufacturing Sector, 1970-1979, by John R. Baldwin and Paul K. Gorecki, Canadian Journal of Economics, May 1987, pp. 411-13.

Review of The Impact of Climate Change on the United States Economy, edited by Robert Mendelsohn and James E. Neumann, in Marine Resource Economics, vol. 14, Summer 1999, pp. 175-177.

SEMINAR, CONFERENCE, WORKING AND OTHER PAPERS, AND PRESENTATIONS:

"The Impact of Unemployment Insurance on the Unemployment Rate", Paper presented at the Canadian Economics Association Meetings, Kingston, Ontario June 3, 1973.

"Causes of High Unemployment in Canada: 1970-75" (with J. M. Cousineau) Paper presented at the Annual Meetings of the Canadian Economics Association, Quebec City, May 31, 1976.

"The Prelude to Controls", Paper presented at a Conference held at the University of Toronto, November 17, 18, 1976.

"The Economic Constraints on a Separate Quebec", Paper presented at a Colloquium sponsored by the Centre de Recherche en Développement Economique of the Université de Montréal, October 6, 1978.

"Political Economic Theories of Regulation: An Assessment, and a Suggestion" (with R. Cairns) Paper presented at the Canadian Economic Association Meetings, Saskatoon, Saskatchewan, May 30, 1979.

"Some Reflections on Competition and Regulations", McGill University Department of Economics Working Paper 4/81, Fall 1981.

"Agricultural Marketing Boards in Canada: An Economic and Legal Analysis", Paper presented at the Canadian Association of University Law Teachers, Learned Societies Conference, University of Ottawa, May 31, 1982. (This paper appeared as a McGill University, Center for the Study of Regulated Industry. Report.)

Regulated Industries Working Paper, Summer 1982. A revised version appeared in The University of Toronto Law Journal, October 1983).

"Industrial Structure and Industrial Policy in Quebec", Paper presented to a Symposium on 'Quebec in the North America Context', Sponsored by the Montreal Economic Association and L'Association des Economistes du Québec, Montréal, May 14, 1982.

"Bacon and Eltis Revisited: Public Sector Growth and Manufacturing Decline?" October 1982 (mimeo).

"Tax Cuts, Bond Financed Deficits, and Economic Contraction", Department of Economics Working Paper, 7/83, Spring 1983.

"The Concept of Household Production 'Fixities' and the Growth of Interventionist Industrial Policies in Canada", Paper presented at the annual meeting of the Canadian Economic Association, Vancouver, B.C., June 2, 1983. This paper was also presented at the 4th Hungarian-Canadian Roundtable, Queen's University, Kingston, Ontario, June 15-16, 1983.

"Policy Making: The Achilles Heel of Modern Government", McGill University (mimeo) 1983.

"The Usefulness of Economic Analysis in Understanding the Arms Race", Presented at the annual meeting of the Canadian Economics Association, Guelph, Ontario, May 29, 1984.

"Mainstreams in Industrial Organization: Challenges and Tasks", Contributed at a conference on Mainstreams in Industrial Organization, Amsterdam, The Netherlands, August 1985.

"Some Comments on "Abuse of a Dominant Position". Comments prepared for an Insight Seminar on the New Competition Act, February 1986.

"Industrial Organization Paradigms, Empirical Evidence, and the Economic Case for Competition Policy", Working paper 1986-40, Centre for the Study of Regulated Industries, March 1986. A revised version was published in the Canadian Journal of Economics, in August 1987.

"Revising the Anti-Combines Laws: Some Comments on the Competition Law Amendments Contained in Bill C-91" (McGill, mimeo).

"Canada's Competition Laws: Old and New", Paper presented at the workshop on Antitrust Abroad, Twentieth Annual New England Antitrust Conference, organized by Massachusetts Continuing Legal Education, Nov. 1986.

"A Schumpeterian Paradigm in Industrial Organization", Paper presented at the Annual Meeting of the Canadian Economics Association, Windsor, Ontario, June 3, 1988.

"Comments on Patterns of Innovation and Entrepreneurship in Japan", by Ken-Ichi Imai, International Joseph A. Schumpeter Society Meeting, Siena, Italy, May 1988.

"Negative Income Taxes: Tax Reform v. Welfare Reform", Conference on Approaches to Analysing Poverty, Madison, Wisconsin, May 5-6, 1989.

"Economic Agent Response to Predicted Climate Change" and an "Addendum" on the Role of 'chaos' in Predicted Climate Change, 1989, revised June 1990 (mimeo).

"U.S. Fiscal Policy: Debts and Deficits", Conference on Fiscal Policy, McGill University, Montreal, December 6-8, 1989.

"Economics and the 'Greenhouse Effect'", C²GCR Report No. 90-14, September 1990. This paper was presented at the Annual Meeting of the Canadian Economics Association, Kingston Ontario, June 2, 1991.

(With J. A. Galbraith, senior author) "Trends and Stationarity in Global Temperature Data", G²GCR Report No. 90-15, October 1990.

"Economic Policy and the Control of Carbon Emissions: A Political-Economic Perspective", February 1992 (unpublished manuscript which provided the basis of seminar presentations at National Center for Atmospheric Research and the Institute for Behavioural Sciences at University of Colorado, Boulder Colorado).

(With J. A. Galbraith) "Testing the Random Walk Model of Global Temperature Data", C²GCR Report 92-11. Submitted in March 1992 to The Journal of Climate, (under review).

"From 'Tax State' to 'Debt State'", An essay submitted to the Third Schumpeter Prize Competition, March 1992.

"La Reglementation des Entreprises": A Comment Prepared for an Economic Council of Canada Seminar on "Efficient Regulation" April 30, 1992.

(With H. D. Lightfoot) "The Dominance of Fossil Fuels: Technical and Resource Limitations to Alternative Energy Sources", C²GCR Report No. 92-6, May 1992.

"Notes for a Panel on Carbon Taxes", Paper presented at the Annual Meeting of the Canadian Economics Association, University of Prince Edward Island, June 1992.

"The Greenhouse Effect and Environmentally-Induced Technological Change", April 1992. Paper prepared for International Joseph A. Schumpeter Society Conference, Kyoto, Japan, August 1992. C²GCR Report 92-15, October 1992.

"The Economic Impact of Global Warming on Quebec", C²GCR Report No. 93-5, May 1994
(With A. J. Weaver) "Global Climate Change/Variability: Action or Adaptation to Increasing Greenhouse Gases? -- Lessons from the Past", C²GCR Report No. 94-1, February 1994.

"What Should We Do with the UI System?" Notes prepared for a Panel on Social Insurance Reform, Annual Meeting of the Canadian Economics Association, Calgary, June 10, 1994.

"Economic Dynamism: Durability, Learning, and Time Differentiated Demand", Paper presented at the fifth Conference of the International Joseph A. Schumpeter Society, Münster Germany, August 17-20, 1994.

"Durability, Learning and Time Differentiated Demand", Paper presented to Industry Canada, Distinguished Lecture Series, April 1996.

"Reputation, Customer Base and the Theory of the Firm", Paper presented at the Sixth Biennial Conference of the International Joseph A. Schumpeter Society, Stockholm, Sweden, June 3-6, 1996.

"Potential Scaling Problems in Estimating the Costs of CO₂ Mitigation Policies", Paper presented at an Aspen Global Change Institute Workshop, July 7-17, 1997.

"Climate Change Policy: Is a New Direction Necessary?" Canadian Association of Business Economists, Congress of the Social Sciences and Humanities, University of Ottawa, May 30, 1998.

“Global Climate Change, Energy, and Public Policy”, Richard F. Salisbury Memorial Lecture, Faculty of Arts, McGill University, March 10, 1999, C²GCR Report No. 99-2.

Presentation at C.D. Howe Institute Symposium on Canada’s Kyoto Commitments, Nov. 18, 1999.

“Climate Change Policy is an Energy Problem”, Paper presented at the Climate Change and Energy Options Symposium, Canadian Nuclear Society, Nov. 19, 1999.

“Climate Change Policy: The Energy Predicament”, Paper presented at the Canadian Economics Association Meetings, University of British Columbia, Vancouver, B.C., June 3, 2000. Reproduced as C²GCR Report No. 2000-4, June 2000.

“Climate Policy, Energy and Adaptation: The Implications when Change is Unavoidable”, Paper presented to Workshop on Costing Canadian Climate Change Impacts and Adaptation, University of British Columbia, Vancouver, Sept. 27-29, 2000.

H.D. Lightfoot and C. Green, “Climate Change is an Energy Problem”, Centre for Climate and Global Change Research, McGill University, C²GCR Report 2001-1, January 2001 (80 pages).

H.D. Lightfoot and C. Green, “Energy Intensity Decline Implications for Stabilization of Atmospheric CO₂”, Centre for Climate and Global Change Research, McGill University, C²GCR Report 2001-7, October 2001 (24 pages).

C. Green and H.D. Lightfoot, “Energy Intensity Decline: The Evidence from Individual Country Time Series Data”, Centre for Climate and Global Change Research, McGill University, C²GCR Report 2001-8, December 2001 (9 pages).

C. Green and H.D. Lightfoot, “Achieving CO₂ Stabilization: An Assessment of Some Claims Made by Working Group III of the Intergovernmental Panel on Climate Change”, Centre for Climate and Global Change Research, McGill University, C²GCR Report 2002-1, January 2002 (33 pages).

C. Green and H.D. Lightfoot, “How Robust are IPCC Estimates of the GDP Costs of Climate Stabilization?” McGill University (mimeo), February 2002 (34 pages).

C. Green and H.D. Lightfoot, “Making Climate Stabilization Easier than it will be: The Report of IPCC WG III”, McGill University, C²GCR Quarterly, 2002-1, March 2002, pp 6-13.

“The Opportunity Cost of Relying on Energy Efficiency and Renewable Energies to Stabilize the Atmospheric CO₂ Concentration”, Paper Presented at a National Academy of Engineering Symposium, “Complements to Kyoto: Technologies for Controlling CO₂ Emissions”, Washington, D.C., April 23-24, 2002.

“Stabilizing Atmospheric Carbon Dioxide: What will it take?” University of Colorado, CIRES Center for Science and Technology Policy Research, Boulder, Colorado, July 10, 2002. (Public Lecture)

“Why Climate Stabilization Will be More Difficult than is Implied by IPCC WG III (2001)”. National Center for Atmospheric Research, Boulder, Colorado, July 11, 2002.

H.D. Lightfoot and C. Green, “An Assessment of IPCC Working Group III Findings of the Potential Contribution of Renewable Energies to Atmospheric Carbon Dioxide Stabilization”, Centre for Climate and Global Change Research, McGill University, C²GCR Report 2002-5, November 2002 (63 pages).

H.D. Lightfoot and C. Green, "Observations on the IPCC Working Group III Scenarios in the Special Report on Emission Scenarios", Centre for Climate and Global Change Research", McGill University, C²GCR Report 2002-9, November 2002 (35 pages).

"What Will it Take to Stabilize Climate? The Coming Battle over Climate Policy", Centre for Climate and Global Change Research, McGill University, March 21, 2003.

"Canada's Kyoto Commitment: Fiscal and 'Real' Aspects", John Deutsch Institute Conference, The 2003 Federal Budget: Conflicting Tensions, Queen's University, April 25, 2003.

"What does Kyoto Mean for the Minerals Processing Industries?" Presentation to a short course on Minerals Processing, McGill University, May 14, 2003.

"What is the Significance of 'Advanced Technology Paths to Global Climate Stability'?" Presentation to National Round Table on the Environment and Economy", Willson House, Meech Lake, Quebec, May 15, 2003.

C. Green, "The Developing Debate Over Climate Policy: Energy Efficiency, Renewable Energies, and the Economic Cost of Stabilizing Climate Without Major New Technologies", McGill University (mimeo-48 pages), June 2003.

"The Advanced Energy Technology Gap", presented at Aspen Global Change Institute Conference on Energy Options and Paths to Climate Stabilization, Aspen, Colorado, July 7-11, 2003.

"Renewable Energy and Climate Change Policy", Presented at National Workshop on the Siting of Wind Power in the U.S. Coastal Ocean, Marine Policy Center, Woods Hole Oceanographic Institute, Woods Hole, Massachusetts, Oct. 22-24, 2003.

"What Will it Take to 'Stabilize Climate'? The Developing Debate over Climate Policy", Invited Public Lecture, Wise Institute for Semi-Arid Ecosystems, University of Lethbridge, Alberta, November 14, 2003.

"Estimating the Maximum Global, Century-Long Average Annual Rate of Decline in Energy Intensity", Presentation to the LERDWG Meeting, U.S. Department of Energy, December 17, 2003, Washington, D.C.

(with S. Baksi) "The Cost of 'Stabilizing Climate' in the Absence of a Carbon (or Emission)-Free Backstop Energy Technology(ies)", Paper presented at the Canadian Resource and Environmental Economics (CREE) Conference, October 1-3, 2004.

Invited participant, National Round Table on the Environment and Economy, Workshops on "Energy and Climate Change" (June 9, 2004); and "Economic Instruments for Long-Term Carbon Emission Reduction" (October 12,13, 2004), Ottawa.

"Comments on Climate Change" Department of Finance (Business Income Division) Retreat, Ottawa (Meech Lake), September 12, 2005.

(with S. Baksi and M. Dilmaghani) "Challenges to a Sustainable Energy Future in a Climate Change Setting", Hydrogen and Governance Workshop, University of Victoria, October 16-18, 2005.

“How large is the ‘Advanced Energy technology Gap’”? Technical Session on Climate Change and Energy, Lorne Trottier Public Science Symposium, November 25, 2005.

Invited workshop participant, US Department of Energy, Climate Change Technology Program Portfolio Review Workshop, Washington, D.C., December, 2, 2005.

Review of First Order Draft of IPCC WG III, Fourth Assessment Report (AR4), January 2006 (14 pages)

(with M. Dimaghani), Climate Change policy: Targets, Commitments and Energy Technology”, Climate Change Technology Conference, Energy Institute of Canada, May 10-12, 2006.

Review of Second Order Draft of IPCC WG III AR4, August 2006 (9 pages)

“Thoughts on Targets”, prepared for an invited participant workshop on Medium and Long-Term Emission Reduction Targets, National Roundtable on the Environment and Economy, January 19, 2007.

“Comments on Jaccard-Rivers Paper”, prepared as an invited discussant, Institute for Research on Public Policy, Meeting on Canadian Priorities Agenda project, Toronto, March 8-9, 2007.

“Outside the Box or Off the Wall: A Perspective on Science-Driven Innovation”, Presented at Energy Modeling Forum meeting, Snowmass, Colorado, August 1, 2007

“Climate Change: A Second ‘Inconvenient Truth’”. Presentation to McGill Senior Alumni, McGill University, November 13, 2007.

“Perspective” paper on Global Warming, Copenhagen Consensus 2008, Copenhagen, Denmark, May 2008.

“Crops, Climate Change, and Energy: Canary in the Cornfields”, Presented to Green Crop Network Workshop, McGill University, July 10, 2008

Invited participant Workshop on Modeling Uncertainty in Integrated Assessment Models, Sponsored by DOE Office of Science, Argonne National Laboratory, and University of Chicago, July 21-22, 2008

“Page, Rivers, and Climate Policy”, Queens IIGR Conference on Environmental Policy, Queens University, Kingston, Ontario, October 17-18, 2008.

“‘Inconvenient Truths’ and Climate Policy, Presentation to McGill Alumni, McGill University, October 16, 2008. *

Presentation on “My Teaching and Research”, McGill Open House, January 25, 2009.*

(with Isabel Galiana) “An Analysis of a Technology-led Climate Policy as a Response to Climate Change”, Copenhagen Consensus on Climate, 2009 (To be published in a volume by Cambridge University Press, 2010)

UNPUBLISHED REPORTS:

A. Deutsch and C. Green, "Selected Methods for Subsidizing Low Income Housing", A Report Prepared for the Task Force on Low Income Housing, Summer 1971.

C. Green, "Canada's Proposed Efficiency Defense: An Analysis", Paper prepared for the Bureau of Competition Policy, February 1985 (mimeo).

OTHER RESEARCH REPORTS AND STUDIES:

Industrial Policy and Economic Adjustment in Ontario and Quebec, (with Paul Davenport, William J. Milne, Ronald Saunders, and William Watson) Ontario Economic Council, 1981. This report was published as Davenport et al., Industrial Policy in Ontario and Quebec, (Toronto: Ontario, Economic Council, 1982).

Industrial Policy as a Response to Economic Exigency and Political Reality: History, Theory, Evidence, Institute for Policy Analysis Discussion Paper, University of Toronto, January 1983. A revised version of this study entitled Fixities, Economic Exigency and the Demand for Industrial Policies, was published under the title Industrial Policy and Economic Exigency: The Fixities Hypothesis.

"The Industrial Economics of Biotechnology", Industry Canada, Office of Consumer Affairs, 1997.

CURRENT RESEARCH:

Economic, energy, and policy implications of predicted climate change

Research Interests Key Words: climate change policy; energy, renewables

RESEARCH GRANTS:

SSHRC & FCAC Research Grants (with Professors Davenport, Watson) to study Federal Provincial Economic Relations, 1981-1984; SSHRC Research Grant for 1989-1991 to study the Economic Impact of Climate Change. SSHRC grant 2001-2004, "Climate Change Policy and the Energy Problem"; SSHRC Research Grant 2004-2007, "Technological and Economic Foundations for Climate Policy". I was a member of the Centre for Climate and Global Change Research which received a FCAR Centre grant for 1994-1997. The FCAR Centre grant was renewed, 1997-2000, and again in 2000-2003. After being re-formed (and renamed Global Environment and Climate Change Centre) the Centre received a 6 year FQRNT grant (2004-2010).

COMMITTEES:

- Chief Advisor to Economics Majors 1969-1975; 1981, 1986-91, 1992-95
- Curriculum Committee, Faculty of Arts, 1971-1975; 1994-1996
- Nominating Committee, Faculty of Arts, 1973-1974
- Social Sciences Research Grants, 1979-1982 Subcommittee
- National Science Foundation Review Panel, October 2001
- University Tenure Committee, Faculty of Law 1981-82; Faculty of Medicine, 1983-1985
- Chairman, Undergraduate Committee, Department of Economics, 1983-1984, 1985-91
- Academic Policy and Planning Committee, McGill University, 1986-1989
- Member, Conferences and Publications Committee of Graduate Faculty, 1989-1991

- Member, Northern Studies Advisory Committee, 1986-1991, 1993-1995
- Director, Undergraduate Major and Minor Programmes in Economics, 1992-1995
- Member, McGill Committee on Enrolment, 1996
- Member, CFI Committee, Aug. 1999-2001
- Member, E-Commerce Chairs Committee, 2000
- University Grievance Committee 2008-2010
- Faculty of Arts, Committee on Student Affairs 2007-2010

OTHER POSITIONS:

- **Honorary Lecturer, McGill University Law School: 1969-1983**
 - Legal Problems in Government Control of Business, 1969-75
 - Law of Competition; Government Control of Business, 1977-83
- **Director, Centre for the Study of Regulated Industries, McGill University, 1977-82**
- Member, Board of Editors, Canadian Journal of Economics, August 1978-81
- Member, Executive Council, Canadian Economics Association, June 1982-94
- **Secretary-Treasurer, Canadian Economics Association, June 1984 - June 1994**
- Member, Social Science and Humanities Research Council Committee for Adjudicating Research Grants in Economics, Industrial Relations and Management Studies, 1982-84
- Associate Member of Department of Agricultural Economics, Macdonald College of McGill University, 1986 -1996(?)
- Member, Centre for Climate and Global Change Research (C²GCR), 1990 - , and member of C²GCR Executive Committee, 1990-1995
- Member, McGill Sustainable Development Coordinating Committee, 1990-1991
- Editor, C²GCR Quarterly, 1991-1995
- Member, McGill School of Environment (MSE) Working Group 1995-98 (leading to establishment of MSE); Executive Council 1998-2001
- **Chair, Department of Economics, June 1995-May 31, 2001; June 1, 2002-2005**
 - Curriculum Committee, MSE 2008-2010
 - Faculty of Arts, Committee on Student Affairs 2008-2010