

Robert Andrew Muller
Curriculum Vitae
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ADDRESSES

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PERSONAL

Canadian Citizen. English and French spoken and written

EDUCATION

B.A. (McGill) Honours Economics and Mathematics
M.A. (Toronto) , Ph.D. (Toronto) Economics

Doctoral Dissertation

"A Simulation of Adjustment to the Costs of Pollution Control in the Pulp and Paper Industry"

CURRENT STATUS

Professor of Economics, with tenure

PROFESSIONAL ORGANIZATIONS

Canadian Economic Association
American Economic Association
Association of Environmental and Resource Economists
Economic Science Association

SCHOLARLY AND PROFESSIONAL ACTIVITIES

McMaster Experimental Economics Laboratory

McMaster Experimental Economics Laboratory, 1993-

As co-director of the McMaster Experimental Economics Laboratory, I was responsible for soliciting proposals to supply computing equipment, evaluating the proposals, and supervising the installation of the network. I continue to supervise its operation. My work, together with that of Stuart Mestelman, has established at McMaster the first Canadian laboratory dedicated to Experimental Economics and related disciplines.

Committees

Member, Remedial Action Plan for Hamilton Harbour, Socio-Economic Studies Advisory Committee, 1997-2001

Member, Emissions Trading Round Table, Regional Municipality of Hamilton-Wentworth, 1996

Member, Bay Area Restoration Council Monitoring Committee, 1994-1998

Member, Environment and Taxation Working Group, Fair Tax Commission, Province of Ontario. 1991-1992.

Member, Statistics Committee, Canadian Economic Association, 1987-1990.

Chair, Arts Research Board, McMaster University, January 2005 – present

Chair, Research Committee, Department of Economics, July 2004 – 2006.

Member, Remedial Action Plan for Hamilton Harbour, Socio-Economic Studies Advisory Committee, 1997-2001

AREAS OF INTEREST

Natural Resource and Environmental Economics
Experimental Economics

HONOURS

Visiting Erskine Fellowship, University of Canterbury, New Zealand, 2000.

PUBLICATIONS

Peer Reviewed

Journals

Neil J. Buckley, S. Mestelman, R. Andrew Muller, “Implications of Alternative Emission Trading Plans: Experimental Evidence”, *Pacific Economic Review* 11(2): 149-66. (was McMaster University Department of Economics Working Paper 2004
<http://www.economics.mcmaster.ca/rsrch/papers/archive/2004-07.pdf>.)

Jeremy Clark, Lana Friesen, Andrew Muller (2004). The Good, the Bad, and the Regulator: An experimental test of Two Conditional Audit Schemes. *Economic Inquiry* 42-69-87.

R. Andrew Muller and Asha Sadanand (2003) Order of Play, Forward Induction, and Presentation

Effects in Two-Person Games. *Experimental Economics* 6:5-25

Muller, R.A., S. Mestelman, J. Spraggon, and R. Godby. (2002) "Can Double Auctions Control Monopoly and Monopsony Power in Emissions Trading Markets?" *Journal of Environmental Economics and Management* 44, 70-92.

Chan, K.S., S. Mestelman, R. Godby and R. Andrew Muller (2002) "Crowding Out Voluntary Contributions to Public Goods. *Journal of Economic Behaviour and Organization* 48(3), 305-17.

Chan, K.S., Stuart Mestelman, Robert Moir and R. Andrew Muller, 1999. Heterogeneity and the Voluntary Provision of Public Goods. *Experimental Economics* 2:5-30.

Godby, R.M., Stuart Mestelman, R. Andrew Muller and Douglas Welland, 1998. An experimental economic Analysis of Emissions Trading with Shares and Coupons in the Presence of Market Uncertainty. *Environmetrics* 9: 67-79.

Muller, R. Andrew and Stuart Mestelman, 1998. "What have we learned from emissions trading experiments?" *Managerial and Decision Economics* 19: 225-238.

Godby, R.M, Stuart Mestelman, R. Andrew Muller, and J. Douglas Welland (1997). Emissions Trading with Shares and Coupons when Control over Discharges is Uncertain. *Journal of Environmental Economics and Management* 32, 359-81.

Chan, K.S., Rob Godby, Stuart Mestelman and R. Andrew Muller (1997) Equity Theory and the voluntary provision of Public Goods. *Journal of Economic Behavior and Organization* 32, 349-64.

Chan, K.S., Rob Godby, Stuart Mestelman, and R. Andrew Muller (1996). "Spite, Guilt, and the Voluntary Provision of Public Goods when Income is not Distributed Equally". *Canadian Journal of Economics* 29 (special issue) S605-S609.

Chan, Kenneth S., Rob Moir, Stuart Mestelman and R. Andrew Muller (1996) "The Voluntary Provision of Public Goods under varying income distributions" *Canadian Journal of Economics* 29(1), pp 54-69.

Muller, R. Andrew and Stuart Mestelman (1994) "Emissions Trading with Shares and Coupons: laboratory Experiment" *Energy Journal* 15(2):1-27. Reprinted in J. Shogren (ed) *Experiments in Environmental Economics* in the Series **International Library of Environmental Economics and Policy**. Aldershot, UK: Ashgate Publishing Ltd. 2002..

Lewis, T.J. and R.A. Muller (1992) "Contracting Out of Rent Control" *Canadian Journal of Political Science* 25(3):557-572.

Muller, R.A. and Dev Rawana (1990) "Tariff-Limit Pricing, Relative Plant Scale, and the Eastman-Stykolt Hypothesis". *Canadian Journal of Economics* 23(2):323-331.

Grady, Patrick and R. Andrew Muller (1988) "On the Use and Misuse of Input-Output Based Impact Analysis in Evaluation" *Canadian Journal of Program Evaluation* 3(2):49-61.

- Muller, R.A. (1988) "Some Economics of the Grand Canal". *Canadian Public Policy* 14(2):162-174.
- Muller, R.A. and P.J. George (1985) "The Role of Northern Hydroelectric Projects in an Optimal Expansion Program for Ontario Hydro" *Canadian Public Policy* 11(3), 522-31.
- Muller, R.A. (1985) "The Value of Water in Canada" *Canadian Water Resources Journal* 10(4), 12-
- Muller, R.A. (1982) "The Eastman-Stykolt Hypothesis Reconsidered", *Canadian Journal of Economics* 15(4), (Nov. 1982), 557-65.
- Muller, R.A. (1981) "Regional Impacts of Energy Price Increases on Canadian Pulp and Paper Mills" *International Journal of Energy Systems* 1(1), 89-93.
- Muller, R.A. (1979) "The Canadian Softwood Lumber Industry: Discussion" *Canadian Journal of Forest Research* 9(2), 295-96.
- Muller, R.A. (1979) "An Inappropriate Comparison of International Firm Sizes Used by the Royal Commission on Corporate Concentration" *Canadian Public Policy* 5(4), 564-66.
- Muller, R.A. (1978) "Econometric Analysis of Environmental Policy: Estimation of a Model of the Canadian Pulp and Paper Industry" *Canadian Journal of Economics* 11(2), 263-86.
- Muller, R.A. (1976) "A Simulation of the Effect of Pollution Control on the Pulp and Paper Industry" *Canadian Public Policy* 2(1), 91-102.

Contributions to Books

- Muller, R. Andrew (2002). Comment on Axel Ostmann ["Cooperation in Environmental Commons"] in F. Bolle and M. Lehmann-Waffenschmidt (eds) *Surveys in Experimental Economics*. Physica-Verlag.
- Mestelman, Stuart and R. Andrew Muller, 1998. "The Choice of Instruments for Pollution Emission Trading: Designing a Laboratory Environment" in E.T. Loehman and D.M. Kilgour (eds) *Designing Institutions for Environmental and Resource Management*. Edward Elgar: 301-320.
- Mestelman, Stuart, Rob Moir and R. Andrew Muller, 1999. "A Laboratory Test of Canadian Proposals for an Emission Trading Program" in *Research in Experimental Economics* 7, Emission Permit Experiments, Charles Holt and Mark Isaac (eds). JAI Press, Greenwich, Connecticut: 45-91.
- Muller, R. Andrew (1996) Comment on "Hydro Restructuring and the Regulation of Conventional Pollutants" by D. Dewees in R.J. Daniels (ed) *Ontario Hydro at the Millennium*, pp. 202-205. McGill-Queen's University Press for the University of Toronto Faculty of Law.

Not Peer Reviewed

Books

Muller, Andrew (1986). *Workable Rent Regulation: A Synthesis*. Research Study No. 27, Ontario Commission of Inquiry into Residential Tenancies. Toronto: The Commission, pp. 373.

Muller, R.A. (1978). *The Market for New Housing in the Metropolitan Toronto Area*, Toronto: Ontario Economic Council. pp. xii, 220.

Contributions to Books

Muller, R. Andrew (1989) "Ontario's Options in the Light of the Canadian Experience with Decontrol" in R.J. Arnott and J.M. Mintz (eds) *Policy Forum on Rent Controls in Ontario*, pp 21-38.. John Deutsch Institute for the Study of Economic Policy, Queen's University, Kingston, Ont. (dated 1987, appeared 1989)

Muller, R.A. and P.J. George (1983) "Environmental Impact of Hydroelectric Development in Northern Ontario: A Cost-Benefit Approach" in R.W. Wein, R.R. Riewe and I.R. Methven (eds.) *Resources and Dynamics of the Boreal Zone*, 427-42. Ottawa: Association of Canadian Universities for Northern Studies.

Article

Muller, R.A. (1985) "Economics, Values and Environmental Policy" *Energy Newsletter* 6(2):46-49.

Conference Proceedings

Stephan Schott, Neil Buckley, Stuart Mestelman and R. Andrew Muller (forthcoming). "Shirking for dollars: Regulating the Exploitation of a Common Pool Resource", Selected Papers of the Thirty-first annual Conference of the Atlantic Canada Economics Association, November 2002, David Murrell (ed).

R. Andrew Muller, Stuart Mestelman, John Spraggon and Rob Godby, 1999. "Can Auctions Control Market Power in Emissions Trading Markets? Selected Papers of the Twenty-Eighth Annual Conference of the Atlantic Canada Economics Association, October 1999, Christine Fader (ed) Acadia University Press:Wolfville, Nova Scotia: 184-202.

Book Reviews

Review of W.T. Stanbury and I.B. Vertinsky, "Rent Regulation: Design Characteristics and Effects" in *Canadian Public Policy* 14(3): 328-329. (1988)

Review of Petr Hanel "La Technologie et les exportations canadiennes du matériel pour la filièrebois-papier" in *Canadian Public Policy* 13, 117 (1987)

Review of George Fallis *Housing Economics* and Marion Steele *Canadian Housing Allowances* in *Canadian Journal of Economics* 19(4): 837-40. (1986)

Review of *Connections: An Energy Strategy for the Future* by the Economic Council of Canada in

Canadian *Public Policy* 12(1):271-72. (1986)

Review of A. Rugman (ed.) Multinationals and Technology Transfer in *Canadian Public Administration*.478-79 (November, 1984).

Review of Maital and Meltz (eds.) Lagging Productivity Growth in *Canadian Public Policy* 7(4): 626-27.(1981)

Accepted For Publication

Stephan Schott, Neil Buckley, Stuart Mestelman and R. Andrew Muller. “Output Sharing Among Groups exploiting Common Pool Resources”, *Environmental and Resource Economics*. (accepted November, 2006, 34pp. <http://socserv2.socsci.mcmaster.ca/~econ/mceel/papers/cprsub..pdf>

Chan, K.S., S. Mestelman and R. Andrew Muller (forthcoming) “Voluntary Provision of Public Goods” in C. Plott and V. Smith (eds) *Handbook of Experimental Economics Results*, North-Holland.

S. Mestelman and R. Andrew Muller (forthcoming) “Share Trading and Coupon Banking Interact to Improve Performance in Emission Trading Markets” in C. Plott and V. Smith (eds) *Handbook of Experimental Economics Results*, North-Holland..

Submitted for Publication

Neil J. Buckley, S. Mestelman, R. Andrew Muller, “Cap-and-Trade versus Baseline-and-Credit Emission Trading Plans: Experimental Evidence Under Variable Output Capacity” . Submitted for publication in T. Cherry (ed.) *Experimental Methods in Environmental Economics* to be published by Routledge Press.