

M. Scott Taylor

SHORT BIO

M. Scott Taylor is the Canada Research Chair in International, Energy and Environmental Economics at the University of Calgary, Alberta. He is also a Research Associate at the National Bureau of Economic Research in both the International Trade and Investment, and Energy and Environmental Economics working groups. Taylor has a PhD (1991) from Queens University in Kingston Ontario and a BA and MA from the University of Calgary. Taylor is currently on the editorial board of the *Journal of Economic Literature*, an Associate Editor for the *Journal of International Economics*, and on the Board of the Association of Environmental and Resource Economists. Previously he was a Co-Editor (1999-2000) and member of the Editorial Council of the *Journal of Environmental Economics and Management* (2000-2005), and served on the Editorial Board of the *American Economic Review* (1999-2005). Prior to his current position, Taylor was a Full Professor at the University of Wisconsin Madison (1998-2004), and an Assistant, Associate and Full Professor at the University of British Columbia (1992-1998). He has also been a Visiting Scholar in the Princeton Department of Economics (1991, 2003), and a Killam Postdoctoral Fellow at the Sauder Business School at the University of British Columbia (1991). From 1995 to 1998 he was a Scholar in the Economic Growth Program of the Canadian Institute for Advanced Research.

Professor Taylor's research focuses on the interaction of international markets and environmental outcomes. In the area of climate change, he has investigated the role of international markets in affecting strategic interaction across countries, the role world price changes play in altering incentives, and the interaction between goods and permit trade. In the area of natural resources, he has investigated how property rights regimes affect trade flows, how trading opportunities affect the degree of resource exploitation, and how trade and technology affects the incentives to protect natural resources. In the area of growth he has investigated the role natural resource collapses have played in the rise and fall of prehistoric societies, how growth and trade jointly determine environmental outcomes, and how access to international markets affects research and development and long run growth.

His publications have appeared in the *American Economic Review*, *Quarterly Journal of Economics*, *Review of Economic Studies*, *International Economic Review*, *Journal of International Economics*, *Journal of Environmental Economics and Management*, *Canadian Journal of Economics*, and *Resource and Energy Economics*. In 2003 his book *International Trade and the Environment: Theory and Evidence* (joint with Brian Copeland) was published by Princeton University Press. In his spare time Taylor enjoys skiing, mountain climbing and tennis.

M. Scott Taylor

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Calgary, Alberta
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E-mail: mstaylor@ucalgary.ca
Web: <http://econ.ucalgary.ca/taylor.htm>
Web: <http://works.bepress.com/taylor>
- EDUCATION Queen's University, Kingston Ontario, Canada, Ph.D., Economics, 1991
Thesis title: "Three Essays on the International Diffusion of Technology."
University of Calgary, Calgary Alberta, Canada, M.A., Economics, 1984
Thesis title: "The Relationship between Ex ante Real and Nominal Rates of Interest in an Open Economy Setting."
University of Calgary, Calgary Alberta, Canada, B.A., Economics, 1982
- EMPLOYMENT CRC Chair in International, Energy and Environmental Economics and Professor Department of Economics, University of Calgary, 2004-Present
Professor, University of Wisconsin-Madison, August 1998-2004
Promotion to Full Professor, University of British Columbia, Economics Department, 1998
Associate Professor with tenure, University of British Columbia, 1995-1998
Assistant Professor, University of British Columbia, 1992-1995
Visitor, Princeton University, 1991-1992, 2002-2003
Instructor, University of British Columbia, 1990-1991
Instructor, Queen's University, 1989
Corporate Economist, Nova, An Alberta Corporation, 1984-1986
- AWARDS AND DISTINCTIONS Faculty of Social Science Research Award, 2009
Innis Lecture, Canadian Economics Association, 2009.
Elected to the Board of Directors of the Association of Environmental and Resource Economists, 2008.

Douglas Purvis Prize, Canadian Economics Association, 2004.

Canada Research Chair, Tier I, 2004-2011.

Vilas Associates Award, University of Wisconsin, Madison, 2002-2003.

International Economics Fellow, Princeton University, 2002-2003.

Appointed Faculty Research Associate, National Bureau of Economic Research, Cambridge, MA, 2001.

Japanese Society for the Promotion of Science, Visiting Fellow, 1997.

Sir Izaak Killam Memorial Research Fellowship, 1996-1997.

Appointed Scholar in the Economic Growth Program of the Canadian Institute for Advanced Research, 1995-1998.

Appointed Faculty Research Fellow, the National Bureau of Economic Research, Cambridge, MA, 1995-2001.

Sir Izaak Killam Memorial Postdoctoral Fellowship, 1990-1992.

Social Sciences and Humanities Research Council of Canada, Postdoctoral Fellowship, 1990-1992.

Social Sciences and Humanities Research Council Doctoral Fellowships, 1986-1990.

Ontario Graduate Scholarships, 1987-1990.

Dome Petroleum Scholarship for Graduate Studies, 1983-1984.

Hudson's Bay Oil & Gas Company Scholarship for Undergraduate Studies, 1978-1982.

PROFESSIONAL Associate Editor, Journal of International Economics, January 1995-present.

ACTIVITIES

Board of Editors, Journal of Economic Literature, 2007-present.

Board of Editors, American Economic Review, 1999-2005.

Editorial Council, Journal of Environmental Economics and Management, 2000-2005.

Co-editor, Journal of Environmental Economics and Management, 1999-2000.

Member of the Japanese Society for the Promotion of Science.

Member of the American Economic Association.

Member of the Canadian Economics Association.

In an an active referee for the Journal of International Economics, Canadian Journal of Economics, International Economic Review, Journal of Political Economy, American Economic Review, Quarterly Journal of Economics, the Review of Economic Studies, The Review of International Economics, Journal of Environmental Economics and Management, Journal of Development Economics, and the European Economic Review.

I am also a former editorial board member of the Canadian Journal of Economics.

PUBLICATIONS

BOOKS Brian Copeland and M. Scott Taylor, *Trade and the Environment: Theory and Evidence*, Princeton University Press, Gene M. Grossman and Oliver Gourinchas eds. Princeton, July 2003.

JOURNAL ARTICLES Brian Copeland and M. Scott Taylor, "Trade, Tragedy and the Commons", *American Economic Review*, Vol. 99, No. 3, June 2009, 725-749.

Arik Levinson and M. Scott Taylor, "Unmasking the Pollution Haven Effect", *International Economic Review*, Vol. 49, No 1, February 2008, 223 - 254.

Brian Copeland and M. Scott Taylor, "Free Trade and Global Warming: A Trade Theory View of the Kyoto Protocol", *Journal of Environmental Economics and Management*, Vol. 49, No. 2, March 2005, 205-234.

William Brock and M. Scott Taylor, "Economic Growth and the Environment: A Review of Theory and Empirics", in *Handbook of Economic Growth*, S. Durlauf and P. Aghion eds. 2005.

*Brian Copeland and M. Scott Taylor, "Trade, Growth and the Environment", *Journal of Economic Literature*, Vol. 42, No. 1, March 2004, 7-71.

M. Scott Taylor, "Unbundling the Pollution Haven Hypothesis", *Advances in Economic Analysis and Policy*, Vol. 4, No. 2, February 2004, 1-26.

(Reprinted in *The Economics of Pollution Havens*, New Horizons in Environmental Economics, Don Fullerton eds., Edward Elgar, 2006.)

*W. Antweiler, Brian Copeland, and M. Scott Taylor, "Is Free Trade Good for the Environment", *American Economic Review*, Vol. 91, No. 4, Sept. 2001, 877-908.

(Reprinted in *The WTO, Trade and the Environment*, ed., G. Sampson and J. Whalley, Elgar Reference Collection, Edward Elgar, UK.)

B. Copeland and M. Scott Taylor, "Trade, Spatial Separation and the Environment", *Journal of International Economics*, Vol. 47, No. 1, February 1999, 137-168.

(Reprinted in *The WTO, Trade and the Environment*, ed., G. Sampson and J. Whalley, Elgar Reference Collection, Edward Elgar, UK.)

*J. Brander and M. Scott Taylor, "The Simple Economics of Easter Island: A Ricardo-Malthus Model of Renewable Resource Use", *American Economic Review*, Vol. 88, No. 1, March 1998, 119-138.

J. Brander and M. Scott Taylor, "Open Access Renewable Resources: Trade and Trade Policy in a Two-Country Model", *Journal of International Economics*, Vol. 44, No. 2, April 1998, 181-210.

(Reprinted in *International Trade and the Environment*, ed. Judith M. Dean, International Library of Environmental Economics and Policy Series. UK: Ashgate Publishing, 2002.)

J. Brander and M. Scott Taylor, "International Trade and Open Access Renewable Resources: The Small Open Economy Case", *Canadian Journal of Economics*, Vol. 30, No. 3, August 1997, 526-552.

B. Copeland and M. Scott Taylor, "The Trade Induced Degradation Hypothesis", *Resource and Energy Economics*, Vol. 19, No. 4, November 1997, 321-344.

J. Brander and M. Scott Taylor, "International Trade between Consumer and Conservationist Countries", *Resource and Energy Economics*, Vol. 19, No. 4, November 1997, 267-297.

*B. Copeland and M. Scott Taylor, "Trade and Transboundary Pollution", *American Economic Review*, Vol. 85, No. 4, September 1995, 716-737.

(Reprinted in *The Economics of International Trade and the Environment*, ed. A. Batabyal and H. Beladi. CRC Press, 2001.)

(Reprinted in *International Trade and the Environment*, ed. Judith M. Dean, International Library of Environmental Economics and Policy Series. UK: Ashgate Publishing, 2002.)

B. Copeland and M. Scott Taylor, "Trade and the Environment: A Partial Synthesis", *American Journal of Agricultural Economics*, Vol. 77, No. 3, August 1995, 765-771.

*B. Copeland and M. Scott Taylor, "North-South Trade and the Environment", *Quarterly Journal of Economics*, Vol. 109, No. 3, August 1994, 755-787.

(Reprinted in *Readings in Development Economics*, Vol. 1, ed. Pranab Bardhan and Christopher Udry, MIT Press, 2000)

(Reprinted in *International Trade and the Environment*, ed. Judith M. Dean, International Library of Environmental Economics and Policy Series. UK: Ashgate Publishing, 2002.)

M. Scott Taylor, "Once-off and Continuing Gains from Trade", *The Review of Economic Studies*, Vol. 61, No. 3, No. 208, July 1994, 589-601.

M. Scott Taylor, "TRIPs, Trade and Growth", *International Economic Review*, Vol. 35, No. 2, May 1994, 361-381.

M. Scott Taylor, "TRIPs, Trade and Technology Transfer", *Canadian Journal of Economics*, Vol. 26, No. 3, August 1993, 625-637.

M. Scott Taylor, "Quality Ladders'and Ricardian Trade", *Journal of International Economics*, Vol. 34, No. 3-4, May 1993, 225-243.

CHAPTERS
IN BOOKS

M. Scott Taylor, "Trade and Trade Policy in Endogenous Growth Models", in *Trade Policy and the Pacific Rim*, International Economics Association Round Table Conference, McMillan Press, A. Woodland and J. Piggott eds. 1999.

M. Scott Taylor, "Technology Choice, Overtaking and Comparative Advantage: A Comment on Jones and Ohyama" in *New Directions in Trade Theory*, University of Michigan Press, B. Stern, A. Deardorff and J. Levinsohn eds., 241-248, 1995.

IN
PROGRESS
OR UNDER
REVIEW

William Brock, and M. Scott Taylor, "The Green Solow Model", National Bureau of Economic Research Discussion Paper No. 10557, June 2004. Revise and resubmit at the *Journal of Economic Growth* (minor revisions requested).

M. Scott Taylor, "Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison", National Bureau of Economic Research Discussion Paper No. 12969, March 2007, revise and resubmit at the *American Economic Review*.

CITATIONS
OF
RESEARCH

5 most cited papers given a * in publication list.
Total Google Scholar Citations: 1799, 300/paper.
ISI Citations: 431, 86/paper.
Citations for Research Monograph
 Google Scholar: 297
 ISI Citations: 52

SUPPORT
RECEIVED
FROM
INTERNAL
AND
EXTERNAL
GRANTING
AGENCIES

Social Science and Humanities Research Council, Research Grant, 2009-2012, \$76,000.
Social Science Humanities Research Council, Research Grant, 2005-2008, \$97,440.
Research Chairs Program, Canadian Federal Government, Research Grant, 2004-2011, \$1,400,000.
Canadian Foundation for Innovation, Research Grant, 2003-08, \$101,000.
International Economics Fellow, Princeton University, 2002-2003, US\$80,000.
Vilas Associates Award, University of Wisconsin, Madison, 2002-2003, US\$60,000.
University of Wisconsin Graduate School, 2002-2003, US\$30,000.
Centre for World Affairs & Global Economy, University of Wisconsin, 1998-2003, US\$15,000.
National Science Foundation, 1998-2001, US\$250,000.
University of Wisconsin Graduate School, 1998-2000, US\$30,000.
Japanese Society for the Promotion of Science, Visiting Fellow, 1997, US\$10,000.
Sir Izaak Killam Memorial Research Fellowship, 1996-1997, \$15,000.
Appointed Scholar in the Economic Growth Program of the Canadian Institute for Advanced Research, 1995-1998, \$25,000 annually.
Social Sciences and Humanities Research Council of Canada, 1995-98, \$45,000.
Social Sciences and Humanities Research Council of Canada, 1992-95, \$50,000.
Social Sciences and Humanities Research Council of Canada, Postdoctoral Fellowship, 1990-1992, \$30,000 annually.
Sir Izaak Killam Memorial Postdoctoral Fellowship, 1990-1992, \$28,000 annually.

LECTURES
AND
SEMINARS

I have given literally hundreds of papers, keynote addresses and presentations at conferences, department seminars and government agencies over the last 15 years. I give a talk per month on average. A partial list of seminars in the last five years is given below.

Keynote Addresses and Public Lectures:

Environmental Crises: Past, Present and Future, Keynote Address, Globalization and the Environment Conference, Kiel Institute for World Economics, Kiel, Germany, September 2009.

Environmental Crises: Past, Present and Future, Keynote Address, Annual meeting of the European Association of Environmental and Resource Economics, Vrije University, Amsterdam, The Netherlands, June 2009.

Environmental Crises: Past Present and Future, Innis Lecture, Canadian Economic Association Meetings, Toronto, Canada, June 2009.

Environmental Crises: Past, Present, and Future, Public lecture, University of Basel, Basel, Switzerland, June 2009.

In Search of Sustainability, Public lecture, University of Basel, Basel, Switzerland, June 2007.

International Trade and the Environment, Keynote Address for the Statistics Canada Socio-economics Policy Conference, Ottawa, May 2007.

International Trade and the Environment: Theory and Evidence, Keynote Address, Global Trade and Analysis Conference 10th anniversary conference, Purdue University, April 2007.

Growth, Trade and the Environment: In Search of Sustainability, Keynote Address for the Soci t  canadienne de science conomique and l'Association des conomistes du Qubec, Quebec City, March 2007.

Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison, Keynote Address, Sustainable Resource Use and Economic Dynamics Conference, Ascona, Switzerland, June 2006.

The Green Solow Model, Keynote Address, Sustainable Resource Use and Economic Dynamics conference, Ascona Switzerland, June 2004.

Distinguished Lecture Series:

International Trade and Resource Use, Series of three lectures given to the Research group at the World Trade Organization, Geneva, Switzerland, October 2009.

International Trade and the Environment, University of Basel, Basel, Switzerland, June 2009. Series of 10 lectures on my work on trade and the environment.

Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison, Inaugural Conference for the Rhodes Centre, Watson Institute, Brown University, Providence, Rhode Island, May 2008.

Trade, Resources and Sustainability, Series of lectures for the European Association for Environmental Economics Summer School, Venice International University, Venice, Italy, July 2007.

Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison, Distinguished Visitors Series, University of California, Riverside, California, May 2007.

International Trade, Resources and the Environment, University of Basel, Dept of Economics, Basel, Switzerland, June 2007. Series of lectures on my work on trade and the environment.

Economic Growth and the Convergence in Carbon Emissions, Pacific Institute for Mathematical Studies, Lecture Series, Calgary, Alberta, February 2005.

Trade, Growth and the Environment, Kellogg Distinguished Lecture Series, Notre Dame University, March 2004.

Department Seminars and Invited Conference Papers:

Environmental Crises: Past, Present and Future, seminar for economists from the World Trade Organization, the United Nations Conference on Trade and Development, and the Graduate Institute, Geneva, October 2009.

Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison, Department seminar, University of Hawaii, Honolulu, Hawaii, February 2009.

Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison, Brown University, Providence, Rhode Island, November 2008.

Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison, Department seminar, Harvard University, John F. Kennedy School of Government, Cambridge, Massachusetts, October 2008.

Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison, Department seminar, University of California, Santa Barbara, Santa Barbara, California, May 2008.

Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison, University of Maryland, April 2008.

Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison, Department seminar, University of Arizona, Tempe Arizona, February 2008.

Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison, Department seminar, Georgetown University, Washington, D.C., December 2007.

Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison, Department seminar, Department of Economics, Princeton University, December 2007.

Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison, Ecology and Evolutionary Biology Seminar Series in the Dept. of Biological Sciences., Department seminar in Biology, University of Calgary, November 2007.

Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison, Department of Economics, UBC, Vancouver, British Columbia, September 2007.

Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison, Department lecture, University of Heidelberg, Heidelberg, Germany, June 2007.

A Dynamic Model of Search and Hunting Behavior, University of California, Riverside, Riverside, California, May 2007.

Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison, Department of Economics, Stanford University, Palo Alto, California, April 2007.

Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison, University of Montreal, McGill University, UQUAM symposium, Montreal, April 2007.

Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison, Department of Economics, York University Toronto, March 2007.

Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison, Department of Economics, Ottawa/Carleton joint seminar, Ottawa, February, 2007.

Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison, National Bureau of Economic Research, International Trade and Investment meetings, Palo Alto, California, December 2006.

Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison, NBER, Summer Institute, Environment, Energy and Economics Program, Boston, Massachusetts, August 2006.

Trade, Tragedy and the Commons, Department of Economics, University of Michigan, Ann Arbor, Michigan, April 2006.

Trade, Tragedy and the Commons, Economics Department, University of Connecticut, Connecticut, April 2006.

Economic Growth and the Environment, Economics Department, University of Geneva, Switzerland, June 2004.

Trade, Tragedy and the Commons, Department of Economics, University of Lausanne & University of Neuchatel Joint Workshop, Switzerland, June 2004.

Trade, Tragedy and the Commons, Economics Department, University of Basel, Basel Switzerland, June 2004.

Trade, Tragedy and the Commons, Economics Group, Institute of Economic Research, ETH, Zurich, Switzerland, June 2004.

Trade, Tragedy and the Commons, Department of Economics, University of Alberta, Edmonton, April 2004.

Trade, Tragedy and the Commons, NBER Environmental Economics Group Meeting, Boston, Massachusetts, April, 2004.

The Green Solow Model, Research Department, World Bank, March 2004.

Trade, Tragedy and the Commons, Department of Economics, Syracuse University, Syracuse, February 2004.

PHD
COMMITTEES

University of Calgary

Irving Rosales 2009
Juan Moreno Cruz, 2008.
Shan Jiang, 2007

University of Wisconsin

Emily Blanchard, 2003
Emanuel Ornelas, 2001
Cullen Groenner, 2001
Meredith Crowley, 1999
Stephen Yeaple, 1998
Costas Hadjiyiannis, 1998
Moonsung Kang, 1998
Jung Hur, 1998

University of British Columbia

Siu Lun Fung, 1997
Joel Bruneau, 1994
Joachim Von Amsberg, 1992

PHD
SUPERVISOR
(OR CO-
SUPERVISOR)

University of Calgary

Jevan Cherniwchan, 2009
Olena Ivus, 2008

University of Wisconsin

Chia Hui Lu, 2003
Xenia Matschke, 2002

University of British Columbia

Gor Ruseski, 1993
Zhihao Yu, 1993
Chayun Tantivasdakaran, 1992

HOBBIES

Running, hiking, scrambling up mountains, traveling, dedicated sports fan
(my kids teams only!).