

# Jared C. Carbone

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## Personal

Born December 9, 1974  
U.S. citizen  
Married with one child

## Education

PhD, Economics, University of Colorado, Boulder, CO, USA, 2003  
BA, Math-Economics, Wesleyan University, Middletown, CT, USA, 1997

## Appointments

Associate Professor Department of Economics Institute of Sustainable Energy, Environment and Economy University of Calgary, Calgary, AB, Canada	2008-
Visiting Professor Zentrum für Europäische Wirtschaftsforschung Mannheim, Germany	2008
Assistant Professor Department of Economics Williams College, Williamstown, MA, USA	2005-2007
Postdoctoral Fellow Center for Environmental and Resource Economics Policy North Carolina State University, Raleigh, NC, USA	2003-2005
Research Assistant Department of Economics University of Colorado at Boulder, CO, USA	1999-2003
Research Fellow Williams Project on the Economics of Higher Education Williams College, Williamstown, MA, USA	1997-1999

### Peer-Reviewed Publications

"The Case for International Emission Trade in the Absence of Cooperative Climate Policy," with Carsten Helm and Thomas F. Rutherford, *Journal of Environmental Economics and Management*, November 2009, 58 (3), 266-280.

"Non-Price Equilibria for Non-Marketed Goods," with Daniel J. Phaneuf and Joseph A. Herziges, *Journal of Environmental Economics and Management*, January 2009, 57 (1), 45-64.

"Evaluating Policy Interventions with General Equilibrium Externalities," with V. Kerry Smith, *Journal of Public Economics*, June 2008, 92 (5-6), 1254-1274.

"Adjusting to Natural Disasters," with V. Kerry Smith, Daniel G. Hallstrom, Jaren C. Pope and Michael E. Darden, *Journal of Risk and Uncertainty*, September, 2006, 33, 12, 37-54.

"Can Natural Experiments Reveal Behavioral Responses to Environmental Risks?" with Daniel G. Hallstrom and V. Kerry Smith, *Environmental and Resource Economics*, March 2006, 33, 3, 73-97.

"Smoking, Health, Risk, and Perception," with Snorre Kverndokk and Ole Jørgen Røgeberg, *Journal of Health Economics*, 2005, 24, 631-653.

"Saving, Wealth, Performance, and Revenues in US Colleges and Universities," with Gordon C. Winston, *Review of Higher Education*, Fall 2004.

### Other Publications

"Should Benefit-Cost Analyses Take Account of General Equilibrium Effects?" with V. Kerry Smith, in Richard Zerbe, ed., *Research in Law and Economics: A Journal of Policy*, 2007, 23, 247-272.

"Curse of the Circular Flow," with V. Kerry Smith, in JunJie Wu, P. Barkley, and B. Weber eds., *Frontiers in Resource and Rural Economics: Selected Essays*. Resources for the Future Press, 2007.

"The Case for International Emission Trade," School of Policy Studies Communique, University of Calgary, February 2009, 1, 2.

"A review of: The Economic Impacts of Terrorist Attacks, Edited by Harry W. Richardson, Peter Gordon and James E. Moore II." *Journal of Regional Science*, August 2007, 47, 3, 634-638.

### Working Papers

"Valuing Ecosystem Services in General Equilibrium," with V. Kerry Smith. Department of Economics, University of Calgary, Discussion Paper, January 2010.

"What's Been Happening to Higher Education? Facts, Trends, and Data, 1986-7 to 1994-95," with Gordon C. Winston and Ethan G. Lewis. Williams Project on the Economics of Higher Education, Discussion Paper #47, March 1998.

### **Work in Progress**

“Investments in Health and Education,” with Snorre Kverndokk.

“A Sense of Shared Responsibility: Voluntary Provision of Public Goods in the Presence of Buyout Options,” with Robert Gazzale.

“Reconciling General Equilibrium and Life-Cycle Models of Carbon Leakage,” with Christoph Böhringer and Thomas Rutherford.

“Induced Technology Diffusion and Climate Change,” with Andreas Löschel.

### **Research Funding**

Investigator, “A general equilibrium valuation of dam removal on the Klamath River, Oregon.” U.S. Department of Interior, (P-Is Carol Mansfield and George Van Houtven, Research Triangle Institute, V. Kerry Smith, Arizona State University.)

Co-Principal Investigator, “Should Alberta produce bitumen, SCO or refined petroleum products? The relative value of downstream processes evaluated using both life cycle assessment and computable general equilibrium models,” Canada School for Energy and Environment, \$45,000 plus \$20,000 in matching funds from ISEEE, University of Calgary, 2010, (with Joule Bergerson, University of Calgary)

Investigator, Loch Alpine Economics contract with Environment Canada, 2009-2010 (P-Is Christoph Böhringer, University of Oldenburg, DE and Thomas F. Rutherford, ETH Zürich, CH)

Investigator, NORKLIMA: Climate Change and Its Impacts in Norway, Research Council of Norway, 2009-2011 (P-I Ole Jørgen Røgeberg, Frisch Center for Economic Research Oslo, NO)

Investigator, “Investments in Health and Education,” Health Economics Research Programme, University of Oslo, NO, 2008-2009, (P-I Snorre Kverndokk, Frisch Center for Economic Research Oslo, NO)

Investigator, “Smoking, Health, Risk and Perception,” Health Economics Research Programme, University of Oslo, NO, 2002-2003, (P-I Snorre Kverndokk, Frisch Center for Economic Research Oslo, NO)

### **Public Speaking**

*2009:* C.D. Howe Institute; National Center for Environmental Economics, US Environmental Protection Agency; AM 770 CHQR Radio. *2008:* University of Calgary; Ragnar Frisch Centre for Economic Research, Oslo, Norway; European Center for Economic Research (ZEW), Mannheim, Germany. *2007:* University of Calgary; Resources for the Future, Washington, DC; ASSA Winter Meetings, Chicago. *2006:* Williams College. *2005:* Linking Economic and Ecological Models for Environmental Policy Analysis: Challenges and Research Strategies, Santa Fe, New Mexico; Johns

Hopkins University; University of Nevada, Reno; University of Wyoming; Williams College; AERE at ASSA Winter Meetings, Philadelphia. 2004: NBER Summer Institute, Public Policy and the Environment Workshop; Camp Resources, Wilmington, NC. 2003: North Carolina State University.

### **Reviewer Service**

Canadian Journal of Economics, China Economic Review, The Energy Journal, Health Economics, Journal of Environmental Economics and Management, Journal of Economics and Management Strategy, Journal of Health Economics, Journal of Public Economics, Journal of Regional Science, Marine Resource Economics, Resource and Energy Economics, Review of Higher Education.

### **Departmental and University Service**

#### *University of Calgary:*

Research Activities Committee, Dept of Economics (2008-); Computer Committee, Dept of Economics (2009-); Co-Organizer of summer visiting researcher program, Dept of Economics (2008-); Curriculum Committee, EES-ISEEE (2008-); Admissions Committee, EES-ISEEE (2009-); External Examiner, MSc Defense, Chris Blaschuk, Dept of Civil Engineering (2008); Neutral Chair, MA Defense, Dinara Mutysheva, Dept of Economics (2009); PhD Dissertation Committee, Juan Moreno-Cruz, Dept of Economics (2009), PhD Candidacy Committee, Jevan Cherniwchan, Dept of Economics (2009).

#### *Williams College:*

Microeconomics Curriculum Committee, Dept of Economics (2005); Library Committee, Dept of Economics (2006-7); Computer Committee, Dept of Economics (2007); College-Level Information Technology Committee (2006-7); Research Brown Bag Seminar Organizer, Dept of Economics (2006-7); Participant in information session for students considering graduate studies (2005-2007); Student radio show guest on current events in environmental policy (2006); Mellon Minority Fellowship sponsor (2005-2006); Co-Organizer, Conference on Global Warming in Developing Countries, Center for Development Economics (2008).

### **Teaching**

#### *University of Calgary:*

ECON 677, Seminar in Economics of the Environment (2010), EESS 619.3, Economics for Energy and Environmental Policy Analysis (2010), ECON 607, Advanced Computational Optimization and Economic Applications (2009).

#### *Williams College:*

ECON 379, The Economics of Sustainability (2007), ECON 221, Economics of the Environment (2006,7), ECON 386/515, Environmental Policy and Natural Resource Management (2006,7), ECON 251, Price and Allocation Theory (2005-7).

#### *Short Courses:*

CGE Modeling for the Analysis of Energy and Environmental Policies in Canada, Environment

Canada (2009); Workshop on Economic Modeling International Trade and Climate Policies, University of Las Palmas, Canary Islands (2009).