

YORAM BAUMAN
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EDUCATION

University of Washington *PhD, economics* June 2003

Fields: environmental economics, public finance

Other interests: health economics, game theory, economics education

Dissertation: “The Effects of Environmental Policy on Technological Change in Pollution Control”; committee members Robert Halvorsen (Chair), Gardner Brown, Neil Bruce

University of Washington *MA, economics* Dec. 2000

Reed College *BA, mathematics* May 1995

Thesis: “The Abelian Group Structure on Elliptic Curves Saved My Life!”

EMPLOYMENT

University of Washington Aug. 2006–Present

Lecturer Part of an interdisciplinary team teaching environmental studies and environmental economics in the UW Program on the Environment, winner of the 2007 Brotman Award for Instructional Excellence.

Economics consultant (self-employed) Dec. 2005–Present

Washington State Department of Health, Climate Leadership Initiative, Cascadia Consulting, ECONorthwest, etc. Provided economic expertise for the Dept. of Health’s cost-benefit analysis of additions to the newborn screening program; assessed economic impacts of climate change in Washington State for a state-funded report, *Impacts of Climate Change on Washington’s Economy* (see PUBLICATIONS below); estimated costs of nationwide paint recycling program for Cascadia Consulting; performed regulatory and environmental economics analyses for ECONorthwest; reviewed economics standards for K-12 education for the Washington State Office of Superintendent of Public Instruction; etc.

“Stand-up economist” (self-employed) Feb. 2004–Present
Harvard, Oxford, Bank for International Settlements, NY Improv, etc. “The world’s first and only stand-up economist”, also the producer of *Non-Profit Comedy*, a series of comedy benefit shows at the Comedy Underground in Seattle.

Bainbridge Graduate Institute 2006–Present
Lecturer Part-time instruction about micro- and environmental economics at a program offering an MBA in Sustainable Business.

Washington State Department of Ecology Dec. 2006–Jan. 2008
Economic Analyst 3 (part-time) Worked in an “on-call” capacity on cost-benefit analyses and other economic projects within Ecology’s Government Relations Program.

Whitman College Aug. 2004–May 2005
Visiting assistant professor of economics Taught principles, health economics, game theory, and a course on entitlement reform.

Washington State Department of Health Jan. 2003–Aug. 2004
Agency economist Worked with program staff on cost-benefit analyses and other aspects of rulemaking and regulatory policy.

University of Washington Aug. 1998–Dec. 2003
Auxiliary faculty, etc. Taught applied micro to first-year graduate students in the School of Marine Affairs. Also taught intro and intermediate micro as a Graduate Student Instructor and was a TA for principles and for a contract theory course for first-year economics graduate students.

TEACHING[†]

Introduction to environmental studies Part of an interdisciplinary team teaching introduction to environmental studies in the UW Program on the Environment, 5 quarters fall 2006 through fall 2008

Introduction to environmental economics Offered jointly by the UW economics department and the Program on the Environment, winter 2008

Applied microeconomics for marine affairs Taught a course for graduate students in the University of Washington School of Marine Affairs

[†]Teaching evaluations and portfolio available upon request

Principles and intermediate microeconomics Taught three sections of economic principles at Whitman College, plus seven sections of introductory microeconomics and two sections of intermediate microeconomics at the University of Washington

Health economics, game theory Designed and taught upper-level courses at Whitman College

Entitlement reform Designed and taught course on Social Security, Medicare, and Medicaid at Whitman College, spring 2005

PUBLICATIONS[‡]

Books and reports

*Impacts of Climate Change on Washington's Economy:
A Preliminary Assessment of Risks and Opportunities*
(with Bob Doppelt, Sarah Mazze, and Edward C. Wolf)
Olympia, Wash.: Washington State Departments of Ecology
and Community, Trade, and Economic Development,
Publication No. 07-01-010, Nov. 2006

This report focuses on the projected economic impacts of climate change in the first half of the 21st century in economic sectors including agriculture, forestry, hydropower, municipal water use, public health, and snow sports; it also discusses possible economic opportunities, e.g., from “green” technologies. Full text at http://www.ecy.wa.gov/climatechange/economic_impacts.htm

Quantum Microeconomics
web-published, 2001 and ongoing revisions

An introductory microeconomics textbook (and a calculus-based intermediate microeconomics textbook) that begins by studying the individual (the “quantum” of economics) and builds up to analyses of game theory and competitive markets; available at <http://www.smallparty.org/yoram/quantum>

Tax Shift (with Alan Durning)
Seattle: Sightline Institute, 1998

A study of environmental tax reform opportunities in the Pacific Northwest; more information and full text at <http://sightline.org/publications/books/tax-shift/tax>

[‡]Available unless otherwise noted at <http://www.smallparty.org/yoram/research>

PUBLICATIONS (CONTINUED)

Published journal articles

“Does Technological Innovation Really Reduce Marginal Abatement Costs? Some Theory, Algebraic Evidence, and Policy Implications”[§]
Environmental and Resource Economics 40: 507–27, 2008

Shows theoretically and empirically (using data from the Korean electric power industry) that pollution-reducing innovations that affect the production process can *raise* marginal abatement costs.

“A Preference for an Aggregate Measure: A Reply to Sagoff”[¶]
Ecological Economics 60: 14-16, 2006

Reply to a comment on our *Ecological Economics* paper (cited below).

“An Aggregate Measure for Benefit Cost Analysis”[¶]
Ecological Economics 58: 449–461, 2006

Describes an alternative to the Kaldor-Hicks criterion that better addresses issues concerning altruism and other moral sentiments. A similar version appears in *Research in Law and Economics* 23: 223–46 (2007).

“Shipping the Good Apples Out: A New Perspective”
Economic Inquiry 42: 534–36, 2004

Re-evaluates the Alchian and Allen “substitution theorem” prediction that the ratio of good apples to bad apples will be higher in apple-importing states than in apple-exporting states.

[§]By Yoram Bauman, Myunghun Lee and Karl Seeley

[¶]By Richard Zerbe, Yoram Bauman, and Aaron Finkle. The comment is Mark Sagoff, “An aggregate measure of what? A reply to Zerbe, Bauman, and Finkle”, *Ecological Economics* 60: 9-13, 2006.

PUBLICATIONS (CONTINUED)

Working papers and projects

“The Double Dividend and Other Applications of ‘Normalization’ as a Benchmark for Environmental Policy”

Uses the benchmark of “normalization”—achieving parity between environmental goods and “normal” goods—to examine the double dividend hypothesis, Weitzman’s “Prices versus Quantities” result, and other policy issues.

“Paradigms and the Porter Hypothesis”

Provides a philosophy-of-science perspective on economics and the Porter Hypothesis, the idea that tougher environmental standards can make companies more competitive, and ultimately more profitable.

“A ‘Building Blocks’ Approach to Teaching Principles of Microeconomics”

Describes *Quantum Microeconomics* (see page 3).

“Do Economics Classes Make Students Selfish?”

A work in progress that hopes to use a revealed-preference approach (with a real-world data set) to examine whether taking economics classes makes students more selfish and whether behavior in classroom experiments correlates with behavior outside the classroom.

Referee assignments

Economic Inquiry

Environment and Development Economics

JEEM (Journal of Environmental Economics and Management)

Specialized co-editor for miscellany, *Economic Inquiry*, 2007–Present

PUBLICATIONS (CONTINUED)

Newspaper op-ed articles

“Imagine Sharing State’s Abundance”^{||}
Seattle Post-Intelligencer, July 27, 2004

“Setting the Record Straight on Capital-Gains Tax Relief”
Seattle Times, April 30, 1998

Academic humor

“Mankiw’s Ten Principles of Economics, Translated”
Annals of Improbable Research, March/April 2003

A parody of the “Ten Principles of Economics” described in Mankiw’s textbooks

CONFERENCE PRESENTATIONS

“State-level climate impacts and carbon taxes”
Resources for the Future, June 27, 2007

“Climate change impacts on forests, forest fires, and dairy production”
Pacific Northwest Regional Economic Conference, May 18, 2007

“Economic impacts of climate change in Washington State”
Whidbey Institute Lyceum 2007, May 1, 2007

“Mankiw’s ten principles of economics, translated”
American Association for the Advancement of Science, Feb. 16, 2007**

“An aggregate measure for benefit-cost analysis”
University of Washington Benefit-Cost Analysis Conference, May 19, 2006

“Some microeconomic principles for the twentieth century”
Teaching Economics West Coast Conference, Oct. 22, 2004

“Innovation in pollution control”
Western Economic Association, July 2, 2002

“A building blocks approach to introductory microeconomics”
Northwest Economic Educators Conference, May 17, 2002

^{||}By Yoram Bauman and Thomas D’Agnes

^{**}Online at <http://www.youtube.com/watch?v=VVp8UGjECt4>. This presentation was first given at a AAAS meeting in Seattle on Feb. 13, 2004.

GRANTS

Opportunities for environmental tax reform in Washington State 1999
Received through Northwest Environment Watch (NEW) and in conjunction with Friends of the Earth Northwest; funded by the W. Alton Jones Foundation

OTHER PROFESSIONAL EXPERIENCE

Sightline Institute (formerly NEW) 1997–2002
Writer/intern/etc. Worked and volunteered over many years in a variety of capacities, including as co-author of *Tax Shift*

Resources for the Future Summer 2000
Research intern Studied the economics of global warming

COMMUNITY ACTIVITIES

Non-Profit Comedy 2006–Present
Producer of a benefit show at Seattle's Comedy Underground that has raised over \$40,000 for local non-profits.

Washington Sustainable Food & Farming Network 2000–2003
Leadership Team member for a sustainable agriculture non-profit