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EDUCATION

Ph.D., Stanford University 1985.
Master of Arts, Stanford University 1981.
Bachelor of Arts, Washington State University, 1976.

PROFESSIONAL EXPERIENCE

2007-present Professor, Department of Agricultural and Resource Economics, Oregon State University

Fall 2007 Fulbright Scholar, University Ca' Foscari of Venice, Italy (Department of Economics), and visiting researcher, Fondazione Eni Enrico Mattei (FEEM), Venice, Italy.

2001-2007 Associate Professor, Department of Agricultural and Resource Economics, Oregon State University

1997-2001 Associate Professor of Economics, Williams College, Williamstown, MA.

1998-2000 Mikesell Visiting Professor of Environmental and Resource Economics, Department of Economics, University of Oregon.

1989-97 Assistant Professor of Economics, Williams College, Williamstown, MA.

Summer '96 Visiting Professor, School of Marine Affairs, University of Washington.

1994 - 1995 Visiting Scholar, Graduate School of Public Affairs and Institute of Environmental Studies, University of Washington.

1985- 1989 Economist, World Bank Trade and Finance Division, Africa Region.
Research on economic development and policy impacts in Sub-Saharan Africa.

REFEREED PUBLICATIONS

“The Hidden Costs of Relocating Sand & Gravel Mines.” Resources Policy, Vol. 31(3), September 2006, pp. 146-164.

"The Effects of Land Use Regulations on Property Values" Environmental Law, Vol. 26, Spring 2006.

"Conflicts over water in the Upper Klamath Basin & the potential role for market-based allocations," Journal of Agricultural and Resource Economics, 29(2), August 2004, pp. 167-84.

"Optimal environmental taxation from society's perspective," American Journal of Agricultural Economics, 86(3), August 2004. pp. 805-12.

"Status seeking and social welfare: Is there virtue in vanity?" Social Science Quarterly, 85(2), June 2004, pp. 361-79.

"Carbon taxation when climate affects productivity," Land Economics, 78(3), August 2002, pp. 354-67.

"Increasing Stream Flows to Sustain Salmon and Other Native Fish in the Pacific Northwest." (with Raymond Mikesell). Contemporary Economic Policy, 20(4), October 2002, pp. 366-80.

"Saving salmon with fishwheels: a bioeconomic analysis," Natural Resources Journal, 37(4), Fall 1997.

"The welfare cost of a global carbon tax when tax revenues are recycled," Resource and Energy Economics, 17 (1), March 1995.

"Is sustainability optimal?: examining the differences between economists and environmentalists." Ecological Economics, 15, October 1995.

"Smallholder wood production and population pressure in East Africa: evidence of an environmental Kuznets curve?" (with S. Patel and T. Pinckney) Land Economics, November 1995.

"The causes of Africa's food crisis," World Development, 20(11), Nov. 1992.

"Utilization, profitability, and the adoption of animal draft power in West Africa." (with Peter Matlon) American Journal of Agricultural Economics, 72(1), Feb. 1990.

"The effect of policy reforms on agricultural incentives in Sub-Saharan Africa." (with Charles Humphreys) American J. of Agric. Economics, 70(5), December 1988.

BOOKS

Environmental Economics for Tree Huggers and Other Skeptics, Island Press, 2005.

Agricultural Mechanization: The Economics of Animal Draft Power in West Africa.
Boulder, CO: Westview Press, 1986.

MANUSCRIPTS, MONOGRAPHS AND NON-REFEREED PUBLICATIONS

The Cost Effectiveness of Biofuels given Multiple Objectives, 2009 (with Thorsten Egelkraut). Paper presented at the Western Economics Association International, Vancouver, BC, June 2009.

The Welfare Cost of Environmental Taxation, 2009. "The Welfare Effects of Environmental Taxation." FEEM Nota di Lavoro 09.2009, February.
(<http://www.feem.it/NR/rdonlyres/08647559-ED6D-47DE-AC20-92FE1A5D4B97/2819/909.pdf>)

The Environmental Kuznets Curve from Multiple Perspectives, 2008. (With Van Kolpin). FEEM Working Paper 38.08.
(<http://www.feem.it/Feem/Pub/Publications/WPapers/WP2008-038.htm>)

"Evidence of the Effects of Oregon's Land Use Planning System on Land Prices," 2008. (With Cyrus Grout and Andrew Plantinga). Lincoln Institute of Land Policy Working Paper #WP08WJ1 (<http://www.lincolninst.edu/pubs/PubDetail.aspx?pubid=1390>).

"Economics of Oilseed Crops and Their Biodiesel Potential in Oregon's Willamette Valley. Special Report 1081. (With Ryan Siegel). Oregon State University Extension Service, May 2008. (<http://extension.oregonstate.edu/catalog/pdf/sr/sr1081.pdf>)

"Subsidizing Biofuels in Not the Answer: more flexible solutions like raising the gas tax could address energy concerns." Genetic Engineering & Biotechnology News. Vol 27(20): pp. 6,9. November 15, 2007

"A market for water: managing expectations." Sockeye Magazine, Volume 12(1): 36-37. Autumn 2007.

"Biofuels Potential in Oregon: Background and Evaluation of Options." (With Robin Cross and Thorsten Egelkraut). Special Report #1078. Oregon State University Extension Service. July 2007. (<http://extension.oregonstate.edu/catalog/pdf/sr/sr1078.pdf>)

"How Have Land-Use Regulations Affected Property Values in Oregon?" (with Andrew Plantinga). Special Report #1077, Oregon State University Extension Service. June 2007 (<http://extension.oregonstate.edu/catalog/pdf/sr/sr1077.pdf>).

"Correcting Some Misleading Myths about Measure 37" Guest Commentary, Portland Business Journal, May 4, 2007

“Three Methods for Evaluating Measure 37 Claims,” Oregon State University Extension Publication EM 8933-E. March 2007.

(<http://extension.oregonstate.edu/catalog/pdf/em/em8933-e.pdf>)

“The Economics Behind Measure 37” (with Andrew Plantinga) Oregon State University Extension Publication EM 8925. February 2007.

(<http://extension.oregonstate.edu/catalog/html/em/em8925/>)

“Stakes High in Land Claims” OP-ED, Eugene Register-Guard, December 10, 2006.

“MEASURE 37: Parsing the economics in the land-use debate” OP-ED in The Oregonian (with Andrew Plantinga), November 8, 2005

“An Economic Analysis of Land Use Conflicts in Oregon: Agriculture versus Aggregate Mining.” Report to the Governor’s Aggregate/Farmland Consensus Working Group. August 1, 2005.

“Brief #3: Energy pricing and irrigated agriculture in the Upper Klamath Basin.” Oregon State University Extension Publication EM 8846-E, July 2004.

“7 Frequently Asked Questions About Taxes and Spending in Oregon” (with Bruce Weber). Oregon State University Extension Publication EM 8853, January 2004.

“Brief #1: The value of water varies enormously across the Upper Klamath Basin.” Oregon State University Extension Publication EM 8843-E, January 2004.

“Brief #2: Potential benefits from water banks and water transfers. Oregon State.” University Extension Publication EM 8844-E, January 2004.

“Income, population and U-shaped environmental paths,” (with Van Kolpin), processed, April 2003.

“Policy Implications of Environmental Taxation with Pre-Existing Revenue Taxes,” in Proceedings of the “Market Mechanisms and Incentives: Applications to Environmental Policy” Workshop Sponsored by the US Environmental Protection Agency's National Center for Environmental Economics and National Center for Environmental Research, May 1-2, 2003. [http://yosemite.epa.gov/ee/epa/ermfile.nsf/vwAN/EE-0472-04.pdf/\\$File/EE-0472-04.pdf](http://yosemite.epa.gov/ee/epa/ermfile.nsf/vwAN/EE-0472-04.pdf/$File/EE-0472-04.pdf)

“Rapid Assessment of Possible Economic Impacts from Irrigation Curtailments in the Fern Ridge Reservoir Irrigation Areas,” (with Bart Eleveld and Mark Mellbye), September 2003.

“Economic Issues and Oregon Ballot Measure 27: Labeling of Genetically Modified Foods.” Oregon State University Extension Publication EM8817, October 2002.

“Water Allocation Alternatives for the Upper Klamath Basin.” Chapter 19 in: “Water Allocation in the Klamath Reclamation Project, 2001: An Assessment of Natural Resource, Economic, Social, and Institutional Issues with a Focus on the Upper Klamath Basin” by Oregon State University and the University of California, December 2002.

“What actually happened in 2001? A comparison of estimated impacts and reported outcomes of the irrigation curtailment in the Upper Klamath Basin” Chapter 14 in: “Water Allocation in the Klamath Reclamation Project, 2001: An Assessment of Natural Resource, Economic, Social, and Institutional Issues with a Focus on the Upper Klamath Basin” by Oregon State University and the University of California, December 2002.

“Preface to the Economics Chapters” (with Bruce Weber) Chapter 10 in: “Water Allocation in the Klamath Reclamation Project, 2001: An Assessment of Natural Resource, Economic, Social, and Institutional Issues with a Focus on the Upper Klamath Basin” by Oregon State University and the University of California, December 2002.

“Benefits to Fish, Benefits to Farmers: Improving Streamflow and Water Allocation in the Northwest” (with Bob Doppelt, University of Oregon). Published on-line by the Center for Watershed and Community Health, University of Oregon.

“Double dividend reconsidered” Association of Environmental and Resource Economists (AERE) Newsletter Essay, November 2000.

“Comment on ‘Landing Fees versus Harvest Quotas with Uncertain Fish Stocks,’ by Martin Weitzman. Proceedings of the IIFET 2000 Conference, International Institute of Fisheries Economics and Trade, July 2000.

“Pollution, smoke and mirrors: environmental taxes and the double dividend hypothesis,” In Proceedings: 91st Annual Conference on Taxation. Washington, DC: National Tax Association, 1999.

“Environmental taxation and the double dividend.” In The Internet Encyclopedia of Ecological Economics, <http://www.ecologicaleconomics.org/publica/encyc.htm>.

BOOK REVIEW

Robert L. Nadeau, The Environmental Endgame: Mainstream Economics, Ecological Disaster, and Human Survival. In Peace Review, 2007.

D. Bromley and K. Segerson (eds.), The Social Response to Environmental Risk, Kluwer Academic Press (1992). In Journal of Regional Science, August 1993.

D. Ghai and L. Smith, Agricultural Prices, Policy and Equity in Sub-Saharan Africa, Lynne Rienner Pub. 1987. In American Journal of Agricultural Economics, Nov. 1987.

RECENT RESEARCH FUNDING

US Forest Service. Evaluating Land Markets and the Effects of Land Use Regulations: A Comparative GIS Approach. 2008-2009 (\$23000)

Oregon Department of Agriculture-OSU Canola/Oilseed Research in the Willamette Valley. 2007-2008 (\$53,000).

Oregon Community Foundation, Oregon Land Value Study, 2006-2007 (\$85,000).

EPA STAR Grant. "Reappraisal of welfare and policy implications of environmental taxation." 2002-2005 (\$99,000).

Center for Watershed and Community Health, Mark O. Hatfield School of Government at Portland State University, Portland, Oregon. "Assessing costs of streamflow augmentation in Pacific Northwest." 2000.

US Forest Service/Olympic Natural Resources Center, "Land Use Impacts on Salmon Abundance," October 1995 - June 1997.

TEACHING EXPERIENCE

Graduate and undergraduate teaching in: environmental and resource economics, sustainable development, institutional economics, microeconomic theory, agricultural economics, international economics, and seminars on applied economics topics.

RECENT AWARDS

Fulbright Scholar in Italy, 2007-2008 (at University Ca' Foscari of Venice and Fondazione Eni Enrico Mattei (FEEM), Venice.

James and Mildred Oldfield/E.R. Jackman Team Award, Oregon State University, 2005.

REFEREE FOR:

Journal of Environmental Economics and Management, Land Economics, Resource and Energy Economics, World Development, Economic Development and Cultural Change, American Journal of Agricultural Economics, Ecological Economics, Journal of Environment and Development, Environment and Development Economics, Journal of the American Water Resources Association, Journal of Agricultural and Resource Economics, North American Journal of Fisheries Management, Journal of Productivity Analysis, Agricultural Systems, Eastern Economic Journal, Journal of Extension, Public Finance Review, Agronomy Journal.

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