

July 23, 2017

CURRICULUM VITAE

NAME: David Zilberman

BUSINESS ADDRESS: Department of Agricultural and Resource Economics
207 Giannini Hall
University of California
Berkeley, California 94720
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HOME ADDRESS: 2728 Elmwood Avenue
Berkeley, California 94705
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EDUCATION

Institution	Degree	Years	Field
Tel Aviv University, Israel	B. A.	1969-1971	Economics, Statistics
University of California at Berkeley	Ph.D.*	1973-1979	Agricultural and Resource Economics

*Dissertation topic: "A Putty-Clay Approach to Environmental Quality Control"

PROFESSIONAL EXPERIENCE

2003-2007 Director, Giannini Foundation of Agricultural Economics.

1999-present Robinson Chair, Agricultural and Resource Economics, University of California at Berkeley; Director, Center for Sustainable Resource Development.

1994-2000 Chair, Agricultural and Resource Economics, University of California at Berkeley; Director, Center for Sustainable Resource Development.

1989-1994 Vice Chairman, Agricultural and Resource Economics, University of California at Berkeley.

1987- Professor of Agricultural and Resource Economics and Agricultural and Resource Economist in the Agricultural Experiment Station, University of California at Berkeley.

- 1983-1987 Associate Professor of Agricultural and Resource Economics and Associate Agricultural and Resource Economist in the Agricultural Experiment Station, University of California at Berkeley.
- 1979-1983 Assistant Professor of Agricultural and Resource Economics and Assistant Agricultural and Resource Economist in the Agricultural Experiment Station, University of California at Berkeley.
- 1977-78 Postgraduate Research Agricultural Economist, University of California at Berkeley.
- 1977-78 Lecturer (part time), School of Business, San Francisco State University (subjects: Managerial Economics, Operation Management), 1976-1978; Lecturer (part time), School of Business, Lincoln University, San Francisco (subjects: Computer Programming, International Trade).
- 1973-1976 Research Assistant, University of California at Berkeley.
- 1971-1973 Teaching Assistant, Department of Economics, Tel Aviv University, Israel (subject: Econometrics).
- 1968-1973 Programmer and Systems Analyst, Koor Computers, Tel Aviv, Israel.

AWARDS

President Elect of Agricultural & Applied Economics Association, 2017.

Member, European Academy of Sciences and Arts, November 2016.

Agricultural & Applied Economics Association, Quality of Communication Award (2015) for “Agricultural Biotechnology: The Promise and Prospects of Genetically Modified Crops” with Geoffrey Barrows, University of California, Berkeley; Steven Sexton, North Carolina State University (*Journal of Economic Perspectives*, 29:1, Winter 2014, 99-120).

Agricultural & Applied Economics Association, Quality of Communication Award: Honorable Mentions (2015) for “Climate Change: Challenges to California’s Agriculture and Natural Resources” with Colin Carter, University of California, Davis; Ben Santer, Lawrence Livermore National Laboratory; Maximilian Auffhammer, University of California, Berkeley; Alan Olmstead, University of California, Davis; Paul Rhode, University of Michigan; Richard

Howitt, University of California, Davis; Scott Kaplan, University of California, Berkeley (*ARE Update*, Vol. 18, No. 1 (September/October, 2014), pp. 1-20).

Agricultural & Applied Economics Association, Fellows Address, Annual Meeting, Washington, D.C., August, 2013.

Agricultural & Applied Economics Association, Outstanding Journal Article Award (2011) for “The Economic Impact of Genetically Engineered Crops,” with Steve E. Sexton, University of California at Berkeley; Michele Marra, North Carolina State University; and Jorge Fernandez-Cornejo, ERS, USDA (*Choices*, 25:2, 2nd Quarter, 2010, 13 p.).

University of California at Berkeley, College of Natural Resources, Career Achievement Award, 2011.

Agricultural & Applied Economics Association, Publication of Enduring Quality Award (2010) for “The Econometrics of Damage Control: Why Specification Matters,” with Erik Lichtenberg (*American Journal of Agricultural Economics*, 68:2, May 1986, 261-273).

Fellow, Association of Environmental and Resource Economists (2007).

College of Natural Resources (CNR) Citation Award (2007).

Giannini Foundation, Most Downloaded Article Award of *ARE Update*, 2007-2008.

Agricultural & Applied Economics Association, Quality of Communication Award (2007) for *Regulating Agricultural Biotechnology: Economics and Policy* (with R. E. Just and J. M. Alston), New York: Springer, 2006.

Agricultural & Applied Economics Association, Outstanding *Review of Agricultural Economics* Article (2007) for “Adoption of Bt Cotton and Impact Variability: Insights from India,” with Matin Qaim, Arjunan Subramanian, and Gopal Naik (*Review of Agricultural Economics*, 28:1, March 2006, 48-58).

Agricultural & Applied Economics Association, Publication of Enduring Quality Award (2005) for “Adoption of Agricultural Innovations in Developing Countries: A Survey” (*Economic Development and Cultural Change*, 33:2, January 1985, 255-298).

Agricultural & Applied Economics Association, Quality of Research Discovery Award (2002) for “Environmental and Distributional Impacts of Conservation Targeting Strategies” (*Journal of Environmental Economics and Management*, 41, May 2001, 333-350).

U.C. Berkeley Alumnus of the Week (January 27, 2003).

UNESCO International Cannes Prize for Water and the Economy (2000).

Fellow, American Agricultural Economics Association (1998).

Honorary Degree, Sociedad Mexicana de Geografía y Estadística in Mexico City (1994)

Agricultural & Applied Economics Association Honorable Mention, Quality of Research Discovery Award (1990) for “Input Allocation in Multicrop Systems.”

Agricultural & Applied Economics Association Honorable Mention, Quality of Research Discovery Award (1984) for “Stochastic Structure, Farm Size, and Technology Adoption in Developing Agriculture.”

Western Agricultural Economics Association, Outstanding Published Research in Agricultural Economics Award (1984) for “Estimation of Multi-Crop Production “

RESEARCH INTERESTS

Agricultural and Environmental Policy; Economics of Production, Technological Change, and Risk; Economics of Natural Resources; Microeconomic Theory; Marketing

DISSERTATION COMMITTEES (Chair or Member)

Margriet F. Caswell, “The Diffusion of Low-Volume Irrigation Technology in California Agriculture,” 1983 (Chairman of Committee).

Jeffrey T. La France, “The Economics of Nutrient Content and Consumer Demand for Food,” 1983 (Chairman of Committee). *Best Dissertation Award, American Agricultural Economics Association.*

Robert N. Collender, “Optimal Land Allocation Under Uncertainty: A Generalized Portfolio Approach,” 1984 (Chairman of Committee).

Claudia A. (Dodge) Parliament, “Utility Maximizing and Game Laying Behavior in Agricultural Production Cooperatives: Theory and Applications,” 1984 (Member of Committee).

J. Edward Taylor, “Migration and Village Development: The Interaction Between Mexico-U. S. Migration and Socioeconomic Change in Rural Mexico,” 1984 (Member of Committee). *Best Dissertation Award, American Agricultural Economics Association*

Kenneth Bogen, "Uncertainty in Health Risk Estimation," 1986 (Outside Member, School of Public Health).

Harry de Gorter, "Agricultural Policies," 1986 (Member of Committee).

Robert Innes, "Agricultural Policy Analysis in Economics with Incomplete Markets," 1986 (Member of Committee). *Best Dissertation Award, American Agricultural Economics Association.*

Tarek Moursi, "Government Intervention and the Impact of Agriculture: The Case of Egypt," 1986 (Chairman of Committee).

Carolyn Harper, "Optimal Regulation of Agricultural Pesticides: A Case Study of Chlordimeform in the Imperial Valley," 1987 (Chairman of Committee).

John Beghin, "A Game Theoretical Model of Agricultural and Food Price Policies in Senegal," 1988 (Member of Committee).

Linda Calvin, "Distributional Consequences of Agricultural Commodity Policy," 1988 (Chairman of Committee).

Gloria Helfand, "Standards Versus Standards: The Incentive and Efficiency Effects of Pollution Control Restriction," 1988 (Member of Committee).

Daniel Putler, "Reference Price Theory: A Behavioral Analysis of Consumer Reference to Price Changes," 1988 (Chairman of Committee).

Gail Simpson, "A Case Study in Applied Econometrics: Statistical Identification of Cheaters," 1988 (Chairman of Committee).

Ziv Bar-Shira, "Behavior Under Uncertainty: The Decision Criterion, the Attitude Toward Risk, and the Choice of Labor Supply," 1989 (Chairman of Committee).

George Frisvold, "Transactions Costs, Labor Contracts, and Labor Productivity in Rural South India," 1989 (Member of Committee).

Israel Finkelshtain, "Aversion to Income Risk in the Presence of Other Risks: Theory and Applications," 1989 (Member of Committee).

Douglas Parker, "The Economics of Marketing Agricultural Product Quality," 1990 (Chairman of Committee). *Honorable Mention, Best Dissertation Award, American Journal of Agricultural Economics.*

Farhed Ali Shah, "Technological Change, Economic Growth, and Exhaustible Resources," 1990 (Chairman of Committee).

Timothy Howell Brown, "The Effects of Consumer Demand on Pesticide Regulation in the Market for Apples," 1991 (Member of Committee).

Teruo Taniguchi, "An Economic Analysis of Naturally Grown Rice in Japan," 1991 (Chairman of Committee).

Gary Casterline, "The Economics of Discrete Changes to the Technological Environment," 1992 (Chairman of Committee).

David E. Buschena, "The Effects of Alternative Similarity on Choice Under Risk: Toward a Plausible Explanation of Independence Violations of the Expected Utility Model," 1992 (Chairman of Committee).

Hai-Yen Sung, "Perception of Health Risk and the Demand for Cigarette Consumption," 1993 (Chairman of Committee).

Susan Gabbard, "Farm Workers' Labor Supply Decisions," 1993 (Member of Committee).

Gregory Adams, "Three's a Crowd: Multilateral Game Theoretical Analysis of Environmental Policy," 1994 (Member of Committee).

Madhu Khanna, "Technology Adoption and the Abatement of Greenhouse Gases: The Thermal Power Sector in India," 1995 (Chairman of Committee).

Gary Green, "Technology Adoption and Water Management in Irrigated Agriculture," 1995 (Chairman of Committee).

Nobuhiko Fuwa, "Social Stratification and Mobility in a Philippine Village, 1962-1994," 1995 (Member of Committee).

Bruce McWilliams, "Essays on Learning and Technology Adoption," 1995 (Chairman of Committee).

Seung Jick Yoo, "Essays on Environmental Economics," 1995 (Chairman of Committee).

Stephen F. Hamilton, "Product Quality and Environmental Health Issues in Agricultural Production," 1996 (Chairman of Committee).

Loretta M. Lynch, "Agricultural Trade and Environmental Concerns: Three Essays Exploring Pest Control, Regulations, and Environmental Issues," 1996 (Chairman of Committee).

Linda Fernandez, "Managing Environmental Quality: Three Essays in Applied Environmental Economics," 1996 (Member of Committee).

Calogero Carletto, "Non-Traditional Agro-Exports among Smallholders in Guatemala," 1996 (Member of Committee).

Cheryl Brown, "Three Essays on Issues of Agricultural Sustainability," 1997 (Chairman of Committee).

Sabrina Isé, "The Use of Voluntary Conservation Programs for the Preservation of Agriculture and the Environment at the Urban Fringe," 1997 (Chairman of Committee).

Jinhua Zhao, "Essays on Natural Resource Development, International Trade, and the Environment," 1997 (Chairman of Committee).

Christopher Dumas, "Cross-Media Pollution and a Common Agency," 1997 (Member of Committee).

Tracy Hart, "Spatially Efficient Management of a Sea Water Intruded Aquifer," 1997 (Chairman of Committee).

Daniel Cohen-Vogel, "Essays on Information and Variability: Theoretical Contributions and Applications to Precision Agricultural Innovations and Middle East Development," 1998 (Chairman of Committee).

Richard McCann, "California's Evolving Water Management Institutions: Markets and Agricultural Water Districts," 1998 (Member of Committee).

Katrin Millock, "Monitoring and Enforcement under Incomplete Information: Essays on Nonpoint Source Pollution," 1998 (Member of Committee).

Janis Olmstead, "Emerging Markets in Water: Investments in Institutional and Technological Change," 1998 (Chairman of Committee).

Arthur Small, "The Market for Genetic Resources: The Role of R&D in the Valuation and Conservation of Biological Intellectual Capital," 1998 (Member of Committee).

Cherisa Yarkin, “Challenges and Opportunities: Pesticides, Regulation and Innovation,” 1998 (Chairman of Committee).

Joshua Zivin, “The Economic and Health Effects of Environmental Policy,” 1998 (Chairman of Committee).

Leslie Lipper, “The Logic of Swidden: Poverty and Environmental Determinants of Household Farming System Choice,” 1999 (Chairman of Committee).

Neal MacDougall, “The Tradeoff between Ecosystem Services and Location of Production: The Case of Shrimp Aquaculture in Ecuadorian Mangrove Ecosystem,” 1999 (Chairman of Committee).

Daniel Osgood, “Information, Precision, and Waste,” 1999 (Chairman of Committee).

Grazyna Michalska, “Interdependencies of Academic and Industry: Policies for the Future of Agrobiotechnology,” 2000 (Member of Committee).

Zhihua Shen, “Essays of Empirical Studies in Agricultural and Resource Economics,” 2000 (Member of Committee).

Federico Castillo, “Managing Information and Technology Transfer in Natural Resources,” 2001 (Member of Committee).

Ming Chen, “Development and the Environment,” 2001 (Co-Chair of Committee).

Petra J. G. J. Hellegers, “Groundwater Management for Agriculture and Nature: An Economic Analysis,” Wageningen University, 2001 (Member of Committee).

David Just, “Learning and Information,” 2001 (Chair of Committee).

Georgina Moreno, “Water Supply Reliability and Adoption of Conservation Technology,” 2001 (Chair of Committee).

Eran Binenbaum, “Tensions in Nonprofit Research,” 2002 (Member of Committee).

Nicholas Brozovic, “Optimal Regulation under Heterogeneity,” 2002 (Co-Chair of Committee).

Gregory Graff, “Generating and Trading Biological Innovations in Agriculture,” 2002 (Chair of Committee).

Rick Llewellyn, “Farmer Adoption of Herbicide Resistance Management Strategies,” 2002 (External Member of Committee).

Xuemei Liu, “Economic Essays on Global Climate Change,” 2002 (Co-Chair of Committee).

Yurie Tanimichi, “Essays on the Economic Analysis of Transboundary Air Pollution,” 2002 (Member of Committee).

Renos Vakis, “The Impact of Market Failures on Household Behavior: Explaining Labor Market Segmentation, Technology Adoption Patterns and Transaction Costs in Rural Peru,” 2002 (Member of Committee).

Sean Cash, “Essays on the Economics of Protecting Health and the Environment,” 2003 (Co-Chair of Committee).

Deanna Gordon, “Essays on the Effects of Adult Mortality on Education and Food Security,” 2003 (Chair of Committee).

Asa Sajise, “Tree Planting Decisions under Conditions of Irreversibility and Imperfect Labor Markets,” 2003 (Chair of Committee).

Angels Xabadia, “Optimization and Dynamic Control: Application to Economics,” University of Girona, 2003 (Member of Committee).

Yanhong Jin, “The Economics of a Money-back Guarantee in Retailing,” 2004 (Chair of Committee).

Jennifer Alix-Garcia, “A Tale of Two Communities and Other Deforestation Stories,” 2005 (Member of Committee).

Diemuth E. Pems, “Economics of Agricultural Biotechnology in Crop Protection in Developing Countries,” University of Hannover, 2005 (Member of Committee).

Karina Schoengold, “Natural Resource Pricing, Allocation, and Capital Investment,” 2005 (Co-Chair of Committee).

Aaron Swoboda, “Essays on Land-Use Regulation and the Urban Economy” 2005 (Member of Committee).

Michelle McGregor, “The Economics of Environmental Permitting,” 2005 (Co-Chair of Committee).

Jayashree Sil, “Risk in U. S. Agriculture: Insurance, Forward Contracts, Adverse Selection and Moral Hazard,” 2005 (Co-Chair of Committee).

Sara Boettiger, “Weak Patents, Open Source Patenting, and Implications for the Bayh-Dole Act in Developing Countries,” 2006 (Member of Committee).

Christopher Busch, “Deforestation in the Southern Yucatan: Recent Trends, Their Causes, and Policy Implications,” 2006 (Member of Committee).

Hendrik Wolff, “Testing Simulation and Structural Models with Applications to Energy Demand,” 2007 (Member of Committee).

Miriam Bixby, “Optimal Carbon Policy,” 2008 (University of British Columbia, External Member of Committee).

Deepak Rajagopal, “Economics of Lifecycle Analysis and Greenhouse Gas Regulations,” 2009 (Chair of Committee).

Brian Gross, “Beneficial Bees and Pesky Pests: Three Essays on Ecosystem Services to Agriculture,” 2010 (University of British Columbia, Vancouver, Chair of Committee).

Jenny Liu, “A Theoretical and Simulation-based Examination of Household Vehicle Choice through an Adoption Perspective,” 2010 (Portland State University, Oregon, Chair of Committee).

Biswo Poudel, “Three Essays In Environmental and Agricultural Economics,” 2010 (Chair of Committee).

Jennifer Ifft, “Essays on Environmental and Health Risk,” 2011 (Chair of Committee).

Thomas Sproul, “Essays on Externalities and Uncertainty,” 2011 (Chair of Committee).

Thomas James Azwell, “Oil Spill Remediation and Restoration: The Fate and Consequences of Oil in the Environment,” 2012 (Member of Committee).

Avert Simon Cohn, “Examining and Supporting Agricultural Interventions to Reduce Deforestation in Brazil,” 2012 (Member of Committee).

Karen Zohar Weinbaum, “Wildlife Sustainability and Human Food Security in Cameroon, Central Africa,” 2012 (Member of Committee).

Steven Eric Sexton, “Essays in Behavioral Economics and Environmental Policy,” 2012 (Chairman of Committee).

Maria Susannah Bowman, “Essays on Externalities and Agriculture in the United States and Brazil,” 2013 (Chairman of Committee).

Di Zeng, “Essays on Estimation of a Nonlinear Commodity Price Model without a Closed-form Solution,” 2014 (Member of Committee).

Kiran Nari Torani, “Adoption of Renewable Energy Technologies Under Uncertainty,” 2014 (Member of Committee).

Renato Nunes de Lima Seixas, “Essays on Applied Economics,” 2014 (Chairman of Committee).

Manuel Fernando Barron, “Essays on Household Electrification in Developing Countries,” 2014 (Chairman of Committee).

Yang Xie, “Essays on Microeconomic Theory with Applications in Political and Resource Economics,” 2015 (Member of Committee).

Gina Moon Waterfield, “Essays on Environmental Economics,” 2015 (Chairman of Committee).

Zhen Sun, “Essays on using the IP system in Promoting Innovation and Economic Growth,” 2015 (Chairman of Committee).

Sikandra Smith Christian, “Economic Impacts of the Labor Intensive Works Program in Yemen,” 2015 (Member of Committee).

Geoffrey Masters Barrows, “Essays on Technology and the Environment from an International Perspective,” 2015 (Chairman of Committee).

Samuel Chester Heft-Neal, “The Non-Linear Relationship between Agricultural Productivity and the Environment and its Effects on Human Health and the Economy,” 2015 (Chairman of Committee).

Lu Liang, “Remote Sensing Monitoring and Ecological Modeling of Insect Outbreak Dynamics in the Southern Rocky Mountains Ecoregion,” 2015 (Chairman of Committee).

Moon Young Parks, “Essays on Technology Adoption and Provision Efficiency in Development Projects,” 2016 (Chairman of Committee)

UNIVERSITY SERVICE

Department of Agricultural and Resource Economics Fundraising Committee, 2004-2012

Department of Agricultural and Resource Economics Nomination Committee, 2004-2007; 2009-2012

Department of Agricultural and Resource Economics, Graduate Advisor, 2009-2011

Department of Agricultural and Resource Economics Fundraising Committee, 2004-2007

Chair, Ad Hoc Committees for Budget Committee, 2004

Giannini Foundation Executive Committee, 2002-2005

Co-Director, Beahrs Environmental Leadership Program, CNR, 2001-present

Director, Center for Sustainable Resource Development, CNR, 2001-2012

Master of Development Practice, Chair, Executive Committee, 2010-present

Master of Development Practice, Academic Director, 2010-present

Master of Development Practice, Program Founder, 2009-2011

Director, Giannini Foundation of Agricultural Economics, 2003-2007

Representative, Executive Committee, Energy Biosciences Institute, 2007-2011

Liaison, Academic Senate for the review of the Energy and Resource Group, 2013

Ad hoc Committee, Budget and Interdepartmental Relations, 2013

Chair, Committee on Committees, 2010-11

Member, Giannini Foundation, 2009-2010

Member, Committee on Committees, 2009-2010

Member, Committee of Budget and Interdepartmental Relations, 2006-2009

Member, Committee of Budget and Interdepartmental Relations, Academic Senate, UC Berkeley, 2006-2009

U.C. Representative at the Center of Management of Intellectual Property for Health Research (MIHR), 2003-04

PROFESSIONAL ACTIVITIES

Reviewer, *Agricultural Economics*

Reviewer, *American Journal of Agricultural Economics*

Reviewer, *American Economic Review*

Editor, *Contemporary Economic Policies*

Reviewer, *Ecological Economics*

Reviewer, *Energy Policy*

Reviewer, *European Review of Agricultural Economics*

Reviewer, *Environmental and Resource Economics*

Reviewer, *Environmental Science and Technology*

Reviewer, *Journal of Economic Literature*.

Reviewer, *Journal of Environmental Economics and Management*

Reviewer, *Journal of Political Economy*

Reviewer, *Water Resources Research*

Guest Editor, *Journal of Econometrics*, Special Issue, 2011

Guest Editor, *Climate Change Economics*, Special Issue, 2012

Associate Editor, *Annual Review of Resource Economics*, 2013
Associate Editor, *Environmental and Development Economics*, 2008-2013
Associate Editor, *ARE Update*, 2009-2013
Associate Editor, *Global Change Biology Bioenergy*, 2010-2013
Series Editor, Springer, Natural Resource Management and Policy, 2010-2012
Reviewer, Binational Agricultural Research and Development Fund, 2013
Member, Board of the American Agricultural Economics Association Foundation, 2002-2004
Member, Board of the American Agricultural Economics Association, 2002-2004

Member, Council on Food, Agricultural and Resource Economics, 2002-2005

Member, Selection Committee, Association of Environmental and Resource Economists
Workshop, 2003-2004

Chair, Association of Environmental and Resource Economists Workshop, 2007

Editorial Board, *Environmental and Resource Economics*, 2007-2009

Chair, Galbraith Award Committee of the American Agricultural Economics Association, 2002-
2009

Environmental Protection Agency, Environmental Economics Advisory Committee, 2010-2013

International Food Policy Research Institute AGRODEP, Advisory Board, 2010-2013

International Consortium on Applied Bioeconomy Research, 2009-2013

International Water Resource Economics Consortium, 2009-2013

National Academies' National Research Council, Committee on Impacts of
Biotechnology on Farm Level Economics and Sustainability, 2009-2010

National Academies' National Research Council, Committee on Publicly Funded
Agricultural Research and the Changing Structure of U.S. Agriculture, 2002-
2003

National Academies' National Research Council, Committee on the Future Role of
Pesticides in U. S. Agriculture, 1998-1999

Consulting

Monsanto sustainability challenge, 2012-present

Mars, Inc., 2011

Mars, Inc., certification VFC, 2010-present

BP sustainability challenge, 2010-11

World Bank, 2009-present

International Food Policy Research Institute, 2009-present

Food and Agriculture Organization, 2009-2011

GOVERNMENT SERVICE

California Department of Food and Agriculture, 1995-2004

California Environmental Protection Agency, 2000-2005

Consultative Group on International Agricultural Research (CGIAR), Task Force on Natural Resource Management, 2003-2007

Cooperative State Research, Education, and Extension Service (CSREES) Review Team of Departments of Agricultural Economics (University of Arizona, 2002; Kansas State University, 2004; Michigan State, 2005; Purdue, 2006; Wisconsin, 2007)

Council for Agricultural Science and Technology (CAST) Task Force, 2002-2004

EPA Science Advisory Board, Economics Panel, 2008-2010

Food and Agriculture Organization of the United Nations, 2001-present

(Avian Flu Research Project, 2007-2009, Consultant; Research Program on Payment of Environmental Services, 2003-2008, PI)

National Science Foundation, Review Panel, 2002-2003

Performance-Based Environmental Policies for Agriculture, National Advisory Team Member, 2007-2009

Public Intellectual Property Resources for Agriculture (PIPRA), 2003-2005

Public Intellectual Property Resources for Agriculture (PIPRA), Advisory Board, 2003-2006

U. S. Department of Agriculture, 1985-present

U. S. Environmental Protection Agency, 1985-2005

World Bank, 1995-present

PUBLICATIONS

Books

- E1. Dinar, Ariel, and David Zilberman, editors. *The Economics and Management of Water and Drainage in Agriculture*. Norwell, Massachusetts: Kluwer Academic Publishers,

1991.

- E2. Carlson, Gerald A., David Zilberman, and John A. Miranowski, editors. *Agricultural and Environmental Resource Economics*. New York: Oxford University Press, 1993.
- E3. Casey, Frank, Andrew Schmitz, Scott Swinton, and David Zilberman. *Flexible Incentives for the Adoption of Environmental Technologies in Agriculture*. Norwell, Massachusetts: Kluwer Academic Publishers, 1999.
- E4. Santaniello, V., R. E. Evenson, D. Zilberman, and G. A. Carlson, editors. *Agricultural and Intellectual Property Rights: Economic, Institutional and Implementation Issues in Biotechnology*. New York: CABI Publishing, 2000.
- E5. Wolf, Steven, and David Zilberman, editors. *Knowledge Generation and Technical Change: Institutional Innovation in Agriculture*. Norwell, Massachusetts: Kluwer Academic Publishers, 2001.
- E6. Santaniello, V., R. E. Evenson, and D. Zilberman, editors. *Market Development for Genetically Modified Foods*. New York: CABI Publishing, 2002.
- E7. Dinar, Ariel, and David Zilberman, editors. *Economics of Water Resources: The Contribution of Dan Yaron*. Norwell, Massachusetts: Kluwer Academic Publishers, 2002.
- E8. Evenson, R. E., V. Santaniello, and David Zilberman, editors. *Economic and Social Issues in Agricultural Biotechnology*. New York: CABI Publishing, 2002.
- E9. Cooper, Joseph, Leslie Marie Lipper, and David Zilberman. *Agricultural Biodiversity and Biotechnology in Economic Development*. New York: Springer, 2005.
- E10. Just, Richard E., Julian M. Alston, and David Zilberman, editors. *Regulating Agricultural Biotechnology: Economics and Policy*. New York: Springer, 2006.
- E11. Waibel, H., and D. Zilberman, editors. *International Research on Natural Resource Management: Advances in Impact Assessment*. Rome: FAO; Oxfordshire, UK/ Cambridge, MA: CAB International, 2007.
- E12. Lipper, Leslie, Takumi Sakuyama, Randy Stringer, and David Zilberman, editors. *Payment for Environmental Services in Agricultural Landscapes: Economic Policies and Poverty Reduction in Developing Countries*. New York: Food and Agriculture Organization of the United Nations and Springer Science+Business Media, LLC, 2009.

- E13. Khanna, Madhu, Jürgen Scheffran, and David Zilberman, editors. *Handbook of Bioenergy Economics and Policy*. New York: Springer, 2010.
- E14. Zilberman, David, Joachim Otte, David Roland-Holst, and Dirk Pfeiffer, editors. *Health and Animal Agriculture in Developing Countries*. New York: Springer, 2012.
- E15. Morales, Márcia Azanha F. D., and David Zilberman, editors. *Production of Ethanol from Sugarcane in Brazil: From State Intervention to a Free Market*. New York: Springer, 2014.
- **E16. Pinto, Alberto Adrego, and David Zilberman, editors. *Modeling, Dynamics, Optimization and Bioeconomics I*. Springer Proceedings in Mathematics and Statistics. New York: Springer: 2014.
- **E17. Timilsina, Govinda, and David Zilberman, editors. *The Impacts of Biofuels on the Economy, Environment, and Policies*. Natural Resource Management and Policy. New York: Springer, 2014.
- **E18. Roland-Holst, David, and David Zilberman. *Asian energy at the crossroads*. World Scientific, 2017.
- **E19. Khanna, Madhu and David Zilberman, editors. *Handbook of Bioenergy Economics and Policy: Volume II*. New York: Springer, 2017.
- **E20. Lipper, Leslie, Nancy McCarthy, David Zilberman, Solomon Asfaw, Branca Giacomo, editors. *Climate Smart Agriculture: Building Resilience to Climate Change*. Natural Resource Management and Policy. New York: Springer, 2017.
- **E21. Pinto, Alberto Adrego, and David Zilberman, editors. *Modeling, Dynamics, Optimization and Bioeconomics II*. Springer Proceedings in Mathematics and Statistics. New York: Springer: 2017.

Journal Articles

- A1. Moffitt, L. Joe, David Zilberman, and Richard E. Just. "Economic Impact of Water Quality Regulation on Dairying in the Santa Ana River Basin," *California Agriculture*, Vol. 30, No. 9 (September, 1976), pp. 17-19.
- A2. Hochman, Eithan, David Zilberman, and Richard E. Just. "Two-Goal Regional Environmental Policy: The Case of the Santa Ana River Basin," *Journal of Environmental Economics and Management*, Vol. 4, No. 1 (January, 1977), pp. 25-39.

- A3. Hochman, Eithan, David Pines, and David Zilberman. "The Effects of Pollution Taxation on the Pattern of Resource Allocation: The Downstream Diffusion Case," *Quarterly Journal of Economics*, Vol. 91, No. 4 (November, 1977), pp. 625-638.
- A4. Hochman, Eithan, David Zilberman, and Richard E. Just. "Internalization in a Stochastic Pollution Model," *Water Resources Research*, Vol. 13, No. 6 (December, 1977), pp. 877-881. Reprinted in *Economics of Water Resource*, ed. R. Quentin Grafton (Cheltenham, UK: Edward Elgar, 2009), Vol. I, Part III, Water Pollution, Chap. 19.
- A5. Hochman, Eithan, and David Zilberman. "Examination of Environmental Policies Using Production and Pollution Microparameter Distributions," *Econometrica*, Vol. 46, No. 4 (July, 1978), pp. 739-760.
- A6. Moffitt, L. Joe, David Zilberman, and Richard E. Just. "A 'Putty Clay' Approach to Aggregation of Production/Pollution Possibilities: An Application in Dairy Waste Control," *American Journal of Agricultural Economics*, Vol. 60, No. 3 (August, 1978), pp. 452-459.
- A7. Just, Richard E., and David Zilberman. "Asymmetry of Taxes and Subsidies in Regulating Stochastic Mishap," *Quarterly Journal of Economics*, Vol. 93, No. 1 (February, 1979), pp. 139-148.
- A8. Hochman, Eithan, and David Zilberman. "Two-Goal Environmental Policy: An Integration of Micro and Macro Ad Hoc Decision Rules," *Journal of Environmental Economics and Management*, Vol. 6, No. 2 (June, 1979), pp. 152-174.
- A9. Just, Richard E., Andrew Schmitz, and David Zilberman. "Price Controls and Optimal Export Policies Under Alternative Market Structures," *American Economic Review*, Vol. 69, No. 4 (September, 1979), pp. 706-714.
- A10. Just, Richard E., Andrew Schmitz, and David Zilberman. "Technological Change in Agriculture," *Science*, Vol. 206, No. 4424 (December 14, 1979), pp. 1277-1280.
- A11. Yassour, Joseph, David Zilberman, and Gordon C. Rausser. "Optimal Choices Among Alternative Technologies with Stochastic Risk," *American Journal of Agricultural Economics*, Vol. 63, No. 4 (November, 1981), pp. 718-723.
- A12. Zilberman, David. "The Use and Potential of Optimal Control Models in Agricultural Economics," *Western Journal of Agricultural Economics*, Vol. 7, No. 2 (December, 1982), pp. 395-405.

- A13. Just, Richard E., and David Zilberman. "Stochastic Structure, Farm Size, and Technology Adoption in Developing Agriculture," *Oxford Economic Papers*, Vol. 35, No. 2 (July, 1983), pp. 307-328.
- A14. Just, Richard E., David Zilberman, and Eithan Hochman. "Estimation of Multicrop Production Functions," *American Journal of Agricultural Economics*, Vol. 65, No. 4 (November, 1983), pp. 770-780.
- A15. Singh, Chhotan, and David Zilberman. "Allocation of Fertilizer Among Crops Under Risk—A Quadratic Programming Approach," *Indian Journal of Agricultural Economics*, Vol. XXXIX, No. 1 (January-March, 1984), pp. 77-84.
- A16. La France, Jeffrey T., Andrew Schmitz, and David Zilberman. "Small Leading Firms," *Economic Record*, Vol. 60, No. 169 (June, 1984), pp. 160-164.
- A17. Caswell, Margriet, David Zilberman, and George E. Goldman. "Economic Implications of Drip Irrigation," *California Agriculture*, Vol. 38, No. 7-8 (July-August, 1984), pp. 4 and 5.
- A18. Zilberman, David, "Dynamic Supply Response and Agricultural Investment: Discussion," *North Central Journal of Agricultural Economics* (October, 1984), pp. 179-180.
- A19. Hochman, Eithan, Jeffrey La France, and David Zilberman. "Solar Energy and Hydroelectric Power Generation in the Dead Sea: A Dynamic Analysis," *Water Resources Research*, Vol. 20, No. 11 (November, 1984), pp. 1469-1476.
- A20. Rausser, Gordon C., David Zilberman, and Richard E. Just, "The Distributional Effects of Land Controls in Agriculture," *Western Journal of Agricultural Economics*, Vol. 9, No. 2 (December, 1984), pp. 215-232.
- A21. Zilberman, David, "Technological Change, Government Policies, and Exhaustible Resources in Agriculture," *American Journal of Agricultural Economics*, Vol. 66, No. 5 (December, 1984), pp. 634-640.
- A22. Feder, Gershon, Richard E. Just, and David Zilberman, "Adoption of Agricultural Innovations in Developing Countries: A Survey," *Economic Development and Cultural Change*, Vol. 32, No. 2 (January, 1985), pp. 255-298.
- A23. Caswell, Margriet, and David Zilberman. "The Choices of Irrigation Technologies in California," *American Journal of Agricultural Economics*, Vol. 67, No. 2 (May, 1985), pp.

224-239. Reprinted in *Economics of Water Resource*, ed. R. Quentin Grafton (Cheltenham, UK: Edward Elgar, 2009), Vol. I, Part IV, Irrigation, Chap. 25.

- A24. Just, Richard E., and David Zilberman. "Risk Aversion, Technology Choice, and Equity Effects of Agricultural Policy," *American Journal of Agricultural Economics*, Vol. 67, No. 7 (May, 1985), pp. 435-440.
- A25. Collender, Robert N., and David Zilberman. "Land Allocation Under Uncertainty for Alternative Specifications of Return Distributions," *American Journal of Agricultural Economics*, Vol. 67, No. 4 (November, 1985), pp. 779-786.
- A26. Lichtenberg, Erik, and David Zilberman. "Efficient Regulation of Environmental Health Risks: The Case of Groundwater Contamination in California," *Ricerche Economiche*, Vol. XXXIX, No. 4 (October-December, 1985), pp. 540-549.
- A27. Hochman, Eithan, and David Zilberman. "Optimal Exploitation of Energy Resources: Solar Power and Electricity Generation in Below Sea Level Basins," *Journal of Environmental Economics and Management*, Vol. 12, No. 4 (December, 1985), pp. 322-337.
- A28. Just, Richard E., and David Zilberman. "Income Distributional Implications of Water Policy Decisions," *Western Journal of Agricultural Economics*, Vol. 10, No. 2 (December, 1985), pp. 170-182. Reprinted in *Economics of Water Resource*, ed. R. Quentin Grafton (Cheltenham, UK: Edward Elgar, 2009), Vol. I, Part IV, Irrigation.
- A29. Lichtenberg, Erik, and David Zilberman. "The Econometrics of Damage Control: Why Specification Matters," *American Journal of Agricultural Economics*, Vol. 68 (1986), pp. 262-273.
- A30. Just, Richard E., and David Zilberman. "Does the Law of Supply Hold Under Uncertainty?" *The Economic Journal*, Vol. 96 (June, 1986), pp. 514-524.
- A31. Just, Richard E., Gordon C. Rauser, and David Zilberman. "Modelling the Effects of Policy on Farmers in Developing Agriculture," *International Journal of Development Planning Literature*, Vol. 1, No. 3 (July-September, 1986), pp. 287-300.
- A32. Caswell, Margriet, and David Zilberman. "The Effects of Well Depth and Land Quality on the Choice of Irrigation Technology," *American Journal of Agricultural Economics*, Vol. 68, No. 4 (November, 1986), pp. 798-811.

- A33. Lichtenberg, Erik, and David Zilberman. "Regulating Environmental and Human Risks from Agricultural Residuals," *Applied Agricultural Research* (December, 1986) (also published in University of California Systemwide Proceedings).
- A34. Lichtenberg, Erik, and David Zilberman. "The Welfare Economics of Price Supports in U. S. Agriculture," *American Economic Review*, Vol. 76, No. 5 (December, 1986), pp. 1135-1141.
- A35. Lichtenberg, Erik, and David Zilberman. "Regulation of Marine Contamination Under Environmental Uncertainty: Shellfish Contamination in California," *Marine Resource Economics*, Vol. 4 (1987), pp. 211-225.
- A36. Just, Richard E., and David Zilberman. "The Effects of Agricultural Development Policies on Income Distribution and Technological Change in Agriculture," *Journal of Development Economics*, Vol. 28 (1988), pp. 193-216.
- A37. Just, Richard E., and David Zilberman. "A Methodology for Evaluating Equity Implications of Environmental Policy Decisions in Agriculture," *Land Economics*, Vol. 64, No. 1 (February, 1988), pp. 37-52.
- A38. Lichtenberg, Erik, and David Zilberman. "Efficient Regulation of Environmental Health Risks," *Quarterly Journal of Economics*, Vol. CIII (February, 1988), pp. 167-178.
- A39. Zilberman, David, "The Economics of Irrigation Technological Choices," *Irrinews* No. 35 (1-3), (1988).
- A40. Bigman, David, David Newbery, and David Zilberman. "New Approaches in Agricultural Policy Research: Discussion," *American Journal of Agricultural Economics*, Vol. 70, No. 2 (May, 1988), pp. 460-461.
- A41. Putler, Daniel S., and David Zilberman. "Computer Use in Tulare County Agriculture," *California Agriculture*, Vol. 42, No. 4 (July-August, 1988), pp. 16-18.
- A42. Just, Richard E., David Zilberman, and Eithan Hochman. "Estimation of Multicrop Production Functions: Reply," *American Journal of Agricultural Economics*, Vol. 70, No. 3 (August, 1988), pp. 733 and 734.
- A43. Lichtenberg, Erik, Douglas D. Parker, and David Zilberman. "Marginal Analysis of Welfare Costs of Environmental Policies: The Case of Pesticide Regulation," *American Journal of Agricultural Economics*, Vol. 70, No. 4 (November, 1988), pp. 867-874.

- A44. Putler, Daniel S., and David Zilberman. "Computer Use in Agriculture: Evidence from Tulare County, California," *American Journal of Agricultural Economics*, Vol. 70, No. 4 (November, 1988), pp. 790-802.
- A45. Collender, Robert N., and David Zilberman. "Land Allocation Under Uncertainty for Alternative Specifications of Return Distributions: Reply," *American Journal of Agricultural Economics*, Vol. 71, No. 2 (May, 1989), pp. 441 and 442.
- A46. Harper, Carolyn R., and David Zilberman. "Pest Externalities from Agricultural Inputs," *American Journal of Agricultural Economics*, Vol. 71, No. 3 (August, 1989), pp. 692-702.
- A47. Lichtenberg, Erik, David Zilberman, and Kenneth T. Bogen. "Regulating Environmental Health Risks under Uncertainty: Groundwater Contamination in California," *Journal of Environmental Economics and Management*, Vol. 17 (1989), pp. 22-34. Reprinted in *Economics of Water Resource*, ed. R. Quentin Grafton (Cheltenham, UK: Edward Elgar, 2009), Vol. I, Part V, Groundwater Use and Management, Chap. 39.
- A48. Parliament, Claudia, Yacov Tsur, and David Zilberman. "Cooperative Labor Allocation under Uncertainty," *Journal of Comparative Economics*, Vol. 13 (1989), pp. 539-552.
- A49. de Gorter, Harry, and David Zilberman, "On the Political Economy of Public Good Inputs in Agriculture," *American Journal of Agricultural Economics*, Vol. 72, No. 1 (February, 1990), pp. 131-137.
- A50. Just, Richard E., David Zilberman, Eithan Hochman, and Ziv Bar-Shira. "Input Allocation in Multicrop Systems," *American Journal of Agricultural Economics*, Vol. 72, No. 1 (February, 1990), pp. 200-209.
- A51. Caswell, Margriet, Erik Lichtenberg, and David Zilberman. "The Effects of Pricing Policies on Water Conservation and Drainage," *American Journal of Agricultural Economics*, Vol. 72 (November, 1990), pp. 883-890.
- A52. Dinar, Ariel, and David Zilberman. "The Economics of Resource-Conservation, Pollution-Reduction Technology Selection: The Case of Irrigation Water," *Energy and Resources*, Vol. XIII (1991), pp. 323-348.
- A53. Parker, Douglas D., David Zilberman, and Kirby Moulton. "How Quality Relates to Price in California Fresh Peaches," *California Agriculture*, Vol. 45, No. 2 (March-April, 1991), pp. 14-16.

- A54. Zilberman, David, and Andrew Schmitz. Letter to the Editor. Re: Ayer and Conklin vs. Knutson, et al. "Chemical Wars" *Choices* (Fourth Quarter, 1990, and First Quarter, 1991), *Choices* (Second Quarter 1991), p. 40.
- A55. Zilberman, David, Andrew Schmitz, Gary Casterline, Erik Lichtenberg, and Jerome B. Siebert. "The Economics of Pesticide Use and Regulation," *Science*, Vol. 253, No. 5019 (August 2, 1991), pp. 518-522.
- A56. Dinar, Ariel, Mark Campbell, and David Zilberman. "Adoption of Improved Irrigation and Drainage Reduction Technologies under Limiting Environmental Conditions," *Environmental and Resource Economics*, Vol. 2 (1992), pp. 373-398.
- A57. Babcock, Bruce A., Erik Lichtenberg, and David Zilberman. "Impact of Damage Control and Quality of Output: Estimating Pest Control Effectiveness," *American Journal of Agricultural Economics*, Vol. 74, No. 1 (February, 1992), pp. 165-172.
- A58. Harper, Carolyn R., and David Zilberman. "Pesticides and Worker Safety," *American Journal of Agricultural Economics*, Vol. 74, No. 1 (February, 1992), pp. 68-78.
- A59. Carlson, Gerald, Mark Cochrane, Michelle Marra, and David Zilberman. "Agricultural Resource Economics and the Environment," *Review of Agricultural Economics*, Vol. 14, No. 2 (July, 1992), pp. 313-326.
- A60. Zilberman, David, "Environmental Aspects of Economic Relations Between Nations," *American Journal of Agricultural Economics*, Vol. 74, (December, 1992), pp. 1144-1149.
- A61. Parker, Douglas D., and David Zilberman. "University Technology Transfers: Impacts on Local and U. S. Economies," *Contemporary Policy Issues*, Vol. XI (April, 1993), pp. 87-99.
- A62. Parker, Douglas D., and David Zilberman. "Hedonic Estimation of Quality Factors Affecting the Farm-Retail Margin," *American Journal of Agricultural Economics*, Vol. 75 (May, 1993), pp. 458-466.
- A63. Postlewait, Alyssa, Douglas D. Parker, and David Zilberman. "The Advent of Biotechnology and Technology Transfer in Agriculture," *Technological Forecasting and Social Change*, Vol. 43, No. 3-4 (May/June, 1993), pp. 271-287.
- A64. Lichtenberg, Erik, Robert C. Spear, and David Zilberman. "The Economics of Reentry Regulation of Pesticides," *American Journal of Agricultural Economics* Vol. 75 (November, 1993), pp. 946-958.

- A65. Parker, Douglas D., and David Zilberman. "Biotechnology in a Regulated World," *International Journal of Technology Management*, Special Issue, Biotechnology Review No. 1 (November, 1993), pp. 95-109.
- A66. Caswell, Margriet F., David Zilberman, and Gary Casterline. "The Diffusion of Resource-Quality-Augmenting Technologies: Output Supply and Input Demand Effects," *Natural Resource Modeling*, Vol. 7, No. 4 (Fall, 1993), pp. 305-329.
- A67. Just, Richard, and David Zilberman. "In Defense of Fence to Fence: Can the Backward Bending Supply Curve Exist," *Journal of Agricultural and Resource Economics*, Vol. 17, No. 2 (Winter, 1993), pp. 277-285.
- A68. Zilberman, David, Andrew Schmitz, Ariel Dinar, and Farhed Shah. "A Water Scarcity or a Water Management Crisis?" *Canadian Water Resources Journal*, Vol. 18, No. 1 (1993). Reprinted in Grafton, R. Quentin (Ed.), *Economics of Water Resources* (Cheltenham, UK: Edward Elgar, 2009), Vol. II, Part V, Water Scarcity and Reliability, Chap. 45.
- A69. Gawn, Glynis, Robert Innes, Gordon Rausser, and David Zilberman. "Nutrient Demand and the Allocation of Time: Evidence from Guam," *Applied Economics* (1993), Vol. 25, pp. 811-830.
- A70. Zilberman, David, Neal MacDougall, and Farhed Shah. "Changes in Water Allocation Mechanisms for California Agriculture," *Contemporary Economic Policy*, Vol. 12, No. 1 (January, 1994), pp. 122-133.
- A71. Yarkin, Cherisa, David Sunding, David Zilberman, and Jerry Siebert. "Cancelling Methyl Bromide for Postharvest Use to Trigger Mixed Economic Results," *California Agriculture*, Vol. 48, No. 3 (May-June, 1994), pp. 16-21.
- A72. Yarkin, Cherisa, David Sunding, David Zilberman, and Jerry Siebert. "Methyl Bromide Regulation . . . All Crops Should Not Be Treated Equally," *California Agriculture*, Vol. 48, No. 3 (May-June, 1994), pp. 10-15.
- A73. Zilberman, David. "Economics and Interdisciplinary Collaborative Efforts," *Journal of Agricultural and Applied Economics*, Vol. 26, No. 1 (July, 1994), pp. 35-42.
- A74. Zilberman, David, and Federico Castillo. "Economic and Health Consequences of Pesticide Use in Developing Country Agriculture: Discussion," *American Journal of Agricultural Economics*, Vol. 76 (August, 1994), pp. 603 and 604.

- A75. Zilberman, David, David Sunding, Richard Howitt, Ariel Dinar, and Neal MacDougall. "Water for California Agriculture: Lessons from the Drought and New Water Market Reform," *Choices* (Fourth Quarter, 1994), pp. 25-28.
- A76. Goetz, Renan U., and David Zilberman. "Mining the Soil: Agricultural Production Systems on Peatland," *Environmental and Resource Economics*, Vol. 4 (1994), pp. 1-20.
- A77. Buschena, David E., and David Zilberman. "What Do We Know About Decision Making Under Risk and Where Do We Go From Here?" *Journal of Agricultural and Resource Economics*, Vol. 19, No. 2 (December, 1994), pp. 425-445.
- A78. Shah, Farhed, David Zilberman, and Erik Lichtenberg. "Optimal Combination of Pollution Prevention and Abatement Policies: The Case of Agricultural Drainage," *Environmental and Resource Economics*, Vol. 5, No. 1 (1995), pp. 29-49.
- A79. Shah, Farhed, David Zilberman, and Ujjayant Chakravorty. "Technology Adoption in the Presence of an Exhaustible Resource: The Case of Ground Water Extraction," *American Journal of Agricultural Economics*, Vol. 77, No. 2 (May, 1995), pp. 291-299.
- A80. Sunding, David, David Zilberman, and Neal MacDougall. "Water Markets and the Cost of Improving Water Quality on the San Francisco Bay/Delta Estuary," *The Hastings West-Northwest Journal of Environmental Law and Policy*, Vol. 2, No. 3 (Spring, 1995), pp. 159-165.
- A81. Chakravorty, Ujjayant, Eithan Hochman, and David Zilberman. "A Spatial Model of Optimal Water Conveyance," *Journal of Environmental Economics and Management*, Vol. 29 (March, 1995), pp. 25-41. Reprinted in *Economics of Water Resource*, ed. R. Quentin Grafton (Cheltenham, UK: Edward Elgar, 2009), Vol. I, Part IV, Irrigation, Chap. 26.
- A82. Sunding, David, David Zilberman, Gordon Rausser, and Alan Marco. "Flexible Technology and the Cost of Improving Groundwater Quality," *Natural Resource Modeling*, Vol. 9, No. 2 (Spring, 1995), pp. 177-192.
- A83. Parker, Douglas D., and David Zilberman. "Biotechnology and the Future of Agriculture and Natural Resources—An Overview," *Technological Forecasting and Social Change: An International Journal*, Special Issue, Biotechnology and the Future of Agriculture and Natural Resources, Douglas D. Parker and David Zilberman (Guest Editors), Vol. 50, No. 1 (September, 1995).
- A84. Buschena, David, and David Zilberman. "Performance of the Similarity Hypothesis Relative to Existing Models of Risky Choice," *Journal of Risk and Uncertainty*, Vol. 11 (November, 1995), pp. 233-262.

- A85. McWilliams, Bruce, and David Zilberman. "Time of Technology Adoption and Learning by Using," *Economics of Innovation and New Technology*, Vol. 4 (1996), pp. 139-154.
- A86. Parker, Douglas D., and David Zilberman. "The Use of Information Services: The Case of CIMIS," *Agribusiness*, Vol. 12, No. 3 (1996), pp. 209-218.
- A87. Green, Gary, David Sunding, David Zilberman, Doug Parker, Cliff Trotter, and Steven Collup. "Does Water Price Influence Irrigation Technology Adoption?" *California Agriculture*, Vol. 50 (March/April, 1996), pp. 36-40.
- A88. Babcock, Bruce A., P. G. Lakshminarayan, JunJie Wu, and David Zilberman. "The Economics of a Public Fund for Environmental Amenities: A Study of CRP Contracts," *American Journal of Agricultural Economics*, Vol. 78 (November, 1996), pp. 961-971.
- A89. Green, Gareth, David Sunding, David Zilberman, and Doug Parker. "Explaining Irrigation Technology Choices: A Microparameter Approach," *American Journal of Agricultural Economics*, Vol. 78 (November, 1996), pp. 1064-1072.
- A90. Zilberman, David, Madhu Khanna, and Leslie Lipper. "Economics of New Technologies for Sustainable Agriculture," *Australian Journal of Agricultural and Resource Economics*, Vol. 41, No. 1 (1997), pp. 63-80.
- A91. Zilberman, David, and Katti Millock. "Financial Incentives and Pesticide Use," *Food Policy*, Vol. 22, No. 2 (1997), pp. 133-144.
- A92. Chakravorty, Ujjayant, and David Zilberman. "Water Markets in California: Lessons of a Drought," *Down to Earth*, Vol. 6, No. 3 (June 30, 1997), pp. 33-37.
- A93. Babcock, Bruce A., P. G. Lakshminarayan, JunJie Wu, and David Zilberman. "Targeting Tools for the Purchase of Environmental Amenities," *Land Economics*, Vol. 73, No. 3 (August, 1997), pp. 325-339.
- A94. Zilberman, David, and Katti Millock. "Pesticide Use and Regulation: Making Economic Sense Out of an Externality and Regulation Nightmare," *Journal of Agricultural and Resource Economics*, Vol. 22, No. 2 (1997), pp. 321-332.
- A95. Cohen, Daniel R., and David Zilberman. "Actual versus Stated Willingness to Pay: A Comment," *Journal of Agricultural and Resource Economics*, Vol. 22, No. 2 (1997), pp. 376-381.

- A96. Khanna, Madhu, and David Zilberman. "Incentives, Precision Technology and Environmental Quality," *Ecological Economics*, Vol. 23, No. 1 (October, 1997), pp. 25-43.
- A97. Olmstead, Janis, David Sunding, Douglas Parker, Richard Howitt, and David Zilberman. "Water Marketing in the '90's: Entering the Electronic Age," *Choices*, (Third Quarter, 1997), pp. 24-28.
- A98. Zilberman, David, and Amir Heiman. "The Value of Economic Research," *American Journal of Agricultural Economics*, Vol. 79, No. 5 (1997), pp. 1539-1544.
- A99. McWilliams, Bruce, Yacov Tsur, Eithan Hochman, and David Zilberman. "Count-Data Regression Models of the Time to Adopt New Technologies," *Applied Economics Letters*, Vol. 5 (1998), pp. 369-373.
- A100. Parker, Doug, David Zilberman, and Federico Castillo. "Office of Technology Transfer, the Privatization of University Innovations, and Agriculture," *Choices*, (First Quarter, 1998), pp. 19-25.
- A101. Regev, U., A. P. Gutierrez, S. J. Schreiber, and D. Zilberman. "Biological and Economic Foundations of Renewable Resource Exploitation," *Ecological Economics*, Vol. 26, No. 3 (September, 1998), pp. 227-242.
- A102. Lichtenberg, Erik, Douglas D. Parker, David Sunding, and David Zilberman. "Economics and Pesticide Regulation," *Choices* (Fourth Quarter, 1997), pp. 26-29.
- A103. Bar-Shira, Z., R. E. Just, and D. Zilberman. "Estimation of Farmers' Risk Attitude: An Econometric Approach," *Agricultural Economics*, Vol. 17 (1997), pp. 211-222.
- A104. Brill, Eyal, Eithan Hochman, and David Zilberman. "Allocation and Pricing at the Water District Level," *American Journal of Agricultural Economics*, Vol. 79, No. 4 (August, 1997), pp. 952-963. Reprinted in *Economics of Water Resource*, ed. R. Quentin Grafton (Cheltenham, UK: Edward Elgar, 2009), Vol. II, Part IV, Water Pricing and Management, Chap. 27.
- A105. Zilberman, David, "World Food Needs Toward 2020: Discussion," *American Journal of Agricultural Economics*, Vol. 79, No. 5 (1997), pp. 1487-1488.
- A106. Sunding, David L., and David Zilberman. "Allocating Product Liability in a Multimarket Setting," *International Review of Law and Economics*, Vol. 18 (1998), pp. 1-11.

- A107. Templeton, Scott R., David Zilberman, and Seung Jick Yoo. "An Economic Perspective on Outdoor Residential Pesticide Use," *Environmental Science and Technology* (September 1, 1998), pp. 416A-423A.
- A108. Cohen-Vogel, Daniel R., Daniel E. Osgood, Douglas D. Parker, and David Zilberman. "The California Irrigation Management Information System (CIMIS): Intended and Unanticipated Impacts of Public Investment," *Choices* (Third Quarter, 1998), pp. 20 and 21.
- A109. Templeton, Scott R., Seung Jick Yoo, and David Zilberman. "An Economic Analysis of Yard Care and Synthetic Chemical Use: The Case of San Francisco," *Environmental and Resource Economics*, Vol. 14 (1999), pp. 385-397.
- A110. Khanna, Madhu, and David Zilberman. "Barriers to Energy-Efficiency in Electricity Generation in India," *The Energy Journal*, Vol. 20, No. 1 (1999), pp. 25-41.
- A111. Khanna, Madhu, and David Zilberman. "Freer Markets and the Abatement of Carbon Emissions: The Electricity-Generating Sector in India," *Resource and Energy Economics*, Vol. 21 (1999), pp. 125-152.
- A112. Zhao, Jinhua, and David Zilberman. "Irreversibility and Restoration in Natural Resource Development," *Oxford Economic Papers*, Vol. 51, No. 3 (July 1999), pp. 559-573.
- A113. Zilberman, David, Scott R. Templeton, and Madhu Khanna. "Agriculture and the Environment: An Economic Perspective with Implications for Nutrition," *Food Policy*, Vol. 24 (May, 1999), pp. 211-229.
- A114. Buschena, David, and David Zilberman. "Generalized Expected Utility, Heteroscedastic Error, and Path Dependence in Risky Choice," *Journal of Risk and Uncertainty*, Vol. 20, No. 1 (2000), pp. 67-88.
- A115. Buschena, David E., and David Zilberman. "Testing the Effects of Similarity on Risky Choice: Implications for Violations of Expected Utility," *Theory and Decision*, Vol. 46 (1999), pp. 253-280.
- A116. Heiman, Amir, Bruce McWilliams, and David Zilberman, "Demonstrations and Money-Back Guarantees: Market Mechanisms to Reduce Uncertainty," *Journal of Business Research*, Vol. 54 (2001), pp. 71-84.
- A117. Goetz, Renan U., and David Zilberman. "The Dynamics of Spatial Pollution: The Case of Phosphorus Runoff from Agricultural Land," *Journal of Economic Dynamics and Control*, Vol. 24 (2000), pp. 143-163.

- A118. Wu, JunJie, Richard M. Adams, David Zilberman, Bruce Babcock. "Targeting Resource Conservation Expenditures," *Choices* (Second Quarter, 2000), pp. 33-38.
- A119. Parker, Doug, Daniel R. Cohen-Vogel, Daniel E. Osgood, and David Zilberman. "Publicly Funded Weather Database Benefits Users Statewide," *California Agriculture*, Vol. 54, No. 3 (May-June 2000), pp. 21-25.
- A120. Hueth, Brent, Bruce McWilliams, David Sunding, and David Zilberman. "Analysis of an Emerging Market: Can Methyl Iodide Substitute for Methyl Bromide?" *Review of Agricultural Economics*, Vol. 22, No. 1 (Spring/Summer 2000), pp. 43-54.
- A121. Heiman, Amir, David R. Just, and David Zilberman. "The Role of Socioeconomic Factors and Lifestyle Variables in Attitude and the Demand for Genetically Modified Foods," *Journal of Agribusiness*, Vol. 18, No. 3 (Fall, 2000), pp. 249-260.
- A122. Zivin, Joshua, Brent M. Hueth, and David Zilberman. "Managing a Multiple-Use Resource: The Case of Feral Pig Management in California Rangeland," *Journal of Environmental Economics and Management*, Vol. 39 (2000), pp. 189-204.
- A123. Chakravorty, Ujjayant, and David Zilberman. "Editorial—Introduction to the Special Issue on: Management of Water Resources for Agriculture," *Agricultural Economics*, Special Issue, Management of Water Resources for Agriculture, Ujjayant Chakravorty and David Zilberman (Guest Editors), Vol. 24, No. 1 (December, 2000), pp. 3-7.
- A124. Wolf, Steven, David Just, and David Zilberman. "Between Data and Decisions: The Organization of Agricultural Economic Information Systems," *Research Policy*, Vol. 30, No. 1 (January, 2001), pp. 121-141.
- A125. Zilberman, D., C. Yarkin, and A. Heiman. "Etats-Unis: Menace sur l'Innovation Agricole" ("Privatization and Innovation in Agricultural Biotechnology"), *Biofutur*, Vol. 209 (March, 2001), pp. 40-43.
- A126. Heiman, Amir, Bruce McWilliams, Zhihua Shen, and David Zilberman. "Learning and Forgetting: Modeling Optimal Product Sampling Over Time," *Management Science*, Vol. 47, No. 4 (April, 2001), pp. 532-546.
- A127. Heiman, Amir, David R. Just, and David Zilberman. "The Effect of Religion, Education, and Income on the Level of Acceptance of Biotechnology," *International Journal of Biotechnology* Vol. 3, No. 3/4 (2001), pp. 257-259.

- A128. Wu, JunJie, David Zilberman, and Bruce A. Babcock. "Environmental and Distributional Impacts of Conservation Targeting Strategies," *Journal of Environmental Economics and Management*, Vol. 41, No. 3 (May, 2001), pp. 333-350.
- A129. Hellegers, Petra, David Zilberman, and Ekko van Ierland. "Dynamics of Agricultural Groundwater Extraction," *Ecological Economics*, Vol. 37 (May 2001), pp. 303-311. Reprinted in *Economics of Water Resource*, ed. R. Quentin Grafton (Cheltenham, UK: Edward Elgar, 2009), Vol. I, Part V, Groundwater Use and Management, Chap. 36.
- A130. Heiman, Amir, Bruce McWilliams, and David Zilberman. "Reducing Purchasing Risk with Demonstrations and Money-Back Guarantees," *Journal of Marketing Management*, Vol. 11, Issue 1 (Spring, 2001), pp. 58-72.
- A131. Heiman, Amir, David R. Just, Bruce McWilliams, and David Zilberman. "Incorporating Family Interactions and Socioeconomic Variables into Family Production Functions—The Case of Demand for Meats," *Agribusiness: An International Journal*, Vol. 17, No. 4 (Fall, 2001), pp. 455-468.
- A132. Wolf, Steven, and David Zilberman. "Public Science, Biotechnology, and the Industrial Organization of Agrofood Systems," *AgBioForum*, Vol. 2, No. 1 (1999), pp. 37-42.
- A133. Graff, Gregory, and David Zilberman. "Towards an Intellectual Property Clearinghouse for Agricultural Biotechnology," *IP Strategy Today*, No. 3-2001 (2001), pp. 1-13.
- A134. Graff, Gregory, Alan Bennett, Brian Wright, and David Zilberman. "Intellectual Property Clearinghouse Mechanisms for Agriculture: Summary of an Industry, Academia, and International Development Round Table," *IP Strategy Today*, No. 3-2001 (2001), pp. 15-38.
- A135. Heiman, Amir, David Zilberman, and Kathy Baylis. "The Role of Agricultural Promotions in Reducing Uncertainties of Exported Fruits and Vegetables," *Journal of International Food and Agribusiness Marketing*, Vol. 12, No. 3 (2001), pp. 1-26.
- A136. Parker, Doug, Federico Castillo, and David Zilberman. "Public-Private Sector Linkages in Research and Development: The Case of U. S. Agriculture," *American Journal of Agricultural Economics*, Vol. 83, No. 3 (August, 2001), pp. 736-741.
- A137. Khanna, Madhu, and David Zilberman. "Adoption of Energy Efficient Technologies and Carbon Abatement: The Electricity Generating Sector in India," *Energy Economics*, Vol. 23, No. 6 (November, 2001), pp. 637-658.

- A138. Zhao, Jinhua, and David Zilberman. "Fixed Costs, Efficient Resource Management, and Conservation," *American Journal of Agricultural Economics*, Vol. 83, No. 4 (November, 2001), pp. 942-957.
- A139. Graff, Gregory, and David Zilberman. "An Intellectual Property Clearinghouse for Agricultural Biotechnology," *Nature Biotechnology*, Vol. 19 (December, 2001), pp. 1179-1180.
- A140. Zilberman, David. "Incentives and Trading in Water Resource Management," *Water Resources Update*, Issue No. 121 (January, 2002), pp. 1-2.
- A141. Zilberman, David, Ariel Dinar, Neal MacDougall, Madhu Khanna, Cheryl Brown, and Federico Castillo. "Individual and Institutional Responses to the Drought: The Case of California Agriculture," *Water Resources Update*, Issue No. 121 (January, 2002), pp. 17-23.
- A142. Carey, Janis M., and David Zilberman. "A Model of Investment Under Uncertainty: Modern Irrigation Technology and Emerging Markets in Water," *American Journal of Agricultural Economics*, Vol. 84, No. 1 (February, 2002), pp. 171-183. Reprinted in *Economics of Water Resource*, ed. R. Quentin Grafton (Cheltenham, UK: Edward Elgar, 2009), Vol. I, Part IV, Irrigation, Chap. 24.
- A143. Just, David R., Steven A. Wolf, Steve Wu, and David Zilberman. "Consumption of Economic Information in Agriculture," *American Journal of Agricultural Economics*, Vol. 84, No. 1 (February, 2002), pp. 39-52.
- A144. Brown, Cheryl, Lori Lynch, and David Zilberman. "The Economics of Controlling Insect-Transmitted Plant Diseases," *American Journal of Agricultural Economics*, Vol. 84, No. 2 (May, 2002), pp. 279-291.
- A145. Zivin, Joshua Graff, and David Zilberman. "Optimal Environmental Health Regulations with Heterogeneous Populations: Treatment versus 'Tagging'," *Journal of Environmental Economics and Management*, Vol. 43, No. 3 (May, 2002), pp. 455-476.
- A146. Heiman, Amir, John Miranowski, David Zilberman, and Jennifer Alix. "The Increasing Role of Agribusiness in Agricultural Economics," *Journal of Agribusiness*, Vol. 20, No. 1 (Spring, 2002), pp. 1-30.
- A147. Lichtenberg, Erik, and David Zilberman. "Storage Technology and the Environment," *Journal of Agricultural and Resource Economics*, Vol. 27, No. 1 (July, 2002), pp. 146-164.

- A148. Khanna, Madhu, Murat Isik, and David Zilberman. "Cost-Effectiveness of Alternative Green Payment Policies for Conservation Technology Adoption with Heterogeneous Land Quality," *Agricultural Economics*, Vol. 27, No. 2 (August, 2002), pp. 157-174.
- A149. Sunding, David, David Zilberman, Richard Howitt, Ariel Dinar, and Neal MacDougall. "Sunding, David, David Zilberman, Richard Howitt, Ariel Dinar, and Neal MacDougall," *Natural Resource Modeling*, Vol. 15, No. 2 (Summer, 2002), pp. 201-225.
- A150. Millock, Katrin, David Sunding, and David Zilberman. "Regulating Pollution with Endogenous Monitoring," *Journal of Environmental Economics and Management*, Vol. 44, No. 2 (September, 2002), pp. 221-241.
- A151. Carey, Janis, David L. Sunding, and David Zilberman. "Transaction Costs and Trading Behavior in an Immature Water Market," *Environment and Development Economics*, Vol. 7, No. 4 (October, 2002), pp. 733-750.
- A152. Graff, Gregory, Amir Heiman, and David Zilberman. "University Research and Offices of Technology Transfer," *California Management Review*, Vol. 45, No. 1 (Fall, 2002), pp. 88-115.
- A153. Heiman, Amir, Bruce McWilliams, Jinhua Zhao, and David Zilberman. "Valuation and Management of Money-Back Guarantee Options," *Journal of Retailing*, Vol. 78, No. 3 (Autumn, 2002), pp. 193-205.
- A154. Sunding, David, and David Zilberman. "The Economics of Environmental Regulation by Licensing: An Assessment of Recent Changes to the Wetland Permitting Process," *Natural Resources Journal*, Vol. 42, No. 1 (Winter, 2002), pp. 59-90.
- A155. Qaim, Matin, and David Zilberman. "Yield Effects of Genetically Modified Crops in Developing Countries," *Science*, Vol. 299 (February 7, 2003), pp. 900-902.
- A156. Hamilton, Stephen F., David L. Sunding, and David Zilberman. "Public Goods and the Value of Product Quality Regulations: The Case of Food Safety," *Journal of Public Economics*, Vol. 87, No. 3-4 (March, 2003), pp. 799-817.
- A157. Just, David R., Steven Wolf, and David Zilberman. "Principles of Risk Management Service Relations in Agriculture," *Agricultural Systems*, Vol. 75, No. 2-3 (February-March, 2003), pp. 199-213.
- A158. Graff, Gregory D., Susan E. Cullen, Kent J. Bradford, David Zilberman, and Alan B. Bennett. "The Public-Private Structure of Intellectual Property Ownership in Agricultural Biotechnology," *Nature Biotechnology*, Vol. 21, No. 9 (September, 2003), pp. 989-995.

- A159. Ogishi, Aya, David Zilberman, and Mark Metcalfe. "Integrated Agribusinesses and Liability for Animal Waste," *Environmental Science and Policy*, Vol. 6, No. 2 (2003), pp. 181-188.
- A160. Cash, Sean B., David L. Sunding, Aaron Swoboda, and David Zilberman. "Indirect Effects of Pesticide Regulation and the Food Quality Protection Act," *Current Agriculture, Food and Resource Issues*, No. 4 (2003), pp. 73-79.
- A161. Zilberman, David. "Water Marketing in California and the West," *International Journal of Public Administration*, Vol. 26, No. 3 (2003), pp. 291-315.
- A162. Graff, Gregory D., Brian D. Wright, Alan B. Bennett, and David Zilberman. "Access to Intellectual Property Is a Major Obstacle to Developing Transgenic Horticultural Crops," *California Agriculture*, Vol. 58, No. 2 (April-June, 2004), pp. 120-126.
- A163. Xabadia, A., R. Goetz, and D. Zilberman. "Optimal Dynamic Pricing of Water in the Presence of Waterlogging and Spatial Heterogeneity of Land," *Water Resources Research*, Vol. 40, No. 7 (June, 2004), No. 7, W07S02 10.1029/2003WR002215.
- A164. Heiman, Amir, Yanhong Jin, Gregg Graff, and David Zilberman. "Information, Consumers, and GMF: A Comment," *American Journal of Agricultural Economics*, Vol. 86, No. 5 (2004), pp. 1247-1248.
- A165. Zilberman, David, Holly Ameden, Gregory Graff, and Matin Qaim. "Agricultural Biotechnology: Productivity, Biodiversity, and Intellectual Property Rights," *Journal of Agricultural & Food Industrial Organization*, Vol. 2, No. 2, Article 3 (2004), pp. 1-16.
- A166. Zilberman, David, Xuemei Liu, David Roland-Holst, and David Sunding. "The Economics of Climate Change in Agriculture," *Mitigation and Adaptation Strategies for Global Change*, Vol. 9, No. 4 (2004), pp. 365-382.
- A167. Power, Mary E., Nicholas Brozovic, Collin Bode, and David Zilberman. "Spatially Explicit Tools for Understanding and Sustaining Inland Water Ecosystems," *Frontiers in Ecology and the Environment*, Vol. 3, No. 1 (February, 2005), pp. 47-55.
- A168. Lynch, Lori, Scott Malcolm, and David Zilberman. "Effect of a Differentially Applied Environmental Regulation on Agricultural Trade Patterns and Production Location: The Case of Methyl Bromide," *Agricultural and Resource Economics Review*, Vol. 34, No. 1 (April, 2005), pp. 54-74.

- A169. Harrington, Donna Ramirez, Madhu Khanna, and David Zilberman. "Conservation Capital and Sustainable Economic Growth," *Oxford Economic Papers*, Vol. 57, No. 2 (April, 2005), pp. 336-359.
- A170. Fischhendler, Itay, and David Zilberman. "Packaging Policies to Reform the Water Sector: The Case of the Central Valley Project Improvement Act," *Water Resources Research*, Vol. 41, No. 7 (July, 2005), W07024 0.1029/2004WR003786.
- A171. Zilberman, David, and Gregory Graff. "IPR Innovation and the Evolution of Biotechnology in Developing Countries," *Quarterly Journal of International Agriculture*, Vol. 44, No. 3 (2005), pp. 247-266.
- A172. Zilberman, David, and Karina Schoengold. "The Use of Pricing and Markets for Water Allocation," *Canadian Water Resources Journal*, Vol. 30, No. 1 (2005), pp. 47-54.
- A173. Cash, S. B., D. L. Sunding, and D. Zilberman. "Fat Taxes and Thin Subsidies: Prices, Diet and Health Outcomes," *Acta Agriculturae Scandinavica. Section C, Food Economics*, Vol. 2, No. 3-4 (September, 2005), pp. 167-174.
- A174. Roland-Holst, David, and David Zilberman. "Asian Trade Liberalization and U. S. Agriculture," *International Journal of Applied Economics*, Vol. 2, No. 2 (September, 2005), pp. 161-198.
- A175. Serra, Teresa, David Zilberman, Barry K. Goodwin, and Keijo Hyvonen. "Replacement of Agricultural Price Supports by Area Payments in the European Union and the Effects on Pesticide Use," *American Journal of Agricultural Economics*, Vol. 87, No. 4 (November, 2005), pp. 870-884.
- A176. Zivin, Joshua Graff, Richard E. Just, and David Zilberman. "Risk Aversion, Liability Rules, and Safety," *International Review of Law and Economics*, Vol. 25, No. 4 (December, 2005), pp. 604-623.
- A177. Qaim, Matin, Arjunan Subramanian, Gopal Naik, and David Zilberman. "Adoption of Bt Cotton and Impact Variability: Insights from India," *Review of Agricultural Economics*, Vol. 28, No. 1 (March, 2006), pp. 48-58.
- A178. Xabadia, Angels, Renan U. Goetz, and David Zilberman. "Control of Accumulating Stock Pollution by Heterogeneous Producers," *Journal of Economic Dynamics and Control*, Vol. 30, No. 7 (July, 2006), pp. 1105-1130.
- A179. Graff, Gregory, David Roland-Holst, and David Zilberman. "Agricultural Biotechnology and Poverty Reduction in Low-Income Countries," *World Development*, Vol. 34, No. 8

(August, 2006), pp. 1430-1445.

- A180. Serra, Teresa, David Zilberman, Barry K. Goodwin, and Allen Featherstone. "Effects of Decoupling on the Mean and Variability of Output," *European Review of Agricultural Economics*, Vol. 33, No. 3 (September, 2006), pp. 269-288.
- A181. Hamilton, Stephen F., and David Zilberman. "Green Markets, Eco-Certification, and Equilibrium Fraud," *Journal of Environmental Economics and Management*, Vol. 52, No. 3 (November, 2006), pp. 627-644.
- A182. Just, David R., Steven A. Wolf, and David Zilberman. "Effect of Information Formats on Information Services: Analysis of Four Selected Agricultural Commodities in the USA," *Agricultural Economics*, Vol. 35, No. 3 (November, 2006), pp. 289-301.
- A183. Zilberman, David, Holly Ameden, and Matin Qaim. "The Impact of Agricultural Biotechnology on Yields, Risks, and Biodiversity in Low-Income Countries," *Journal of Development Studies*, Vol. 43, No. 1 (January, 2007), pp. 63-78.
- A184. Goetz, Renan U., and David Zilberman. "The Economics of Land-Use Regulation in the Presence of an Externality: A Dynamic Approach," *Optimal Control Applications and Methods*, Vol. 28, No. 1 (January-February, 2007), pp. 21-43.
- A185. Just, David R., Amir Heiman, and David Zilberman. "The Interaction of Religion and Family Members' Influence on Food Decisions," *Food Quality and Preference*, Vol. 18, No. 5 (July, 2007), pp. 786-794.
- A186. Brozovic, Nicholas, David L. Sunding, and David Zilberman. "Estimating Business and Residential Water Supply Interruption Losses from Catastrophic Events," *Water Resources Research*, Vol. 43, No. 8 (August, 2007), Art. No. W08423.
- A187. Buschena, David, David Zilberman, and Joseph Atwood. "Risk Attitudes over Income with Discrete Status Levels," *Review of Agricultural Economics*, Vol. 29, No. 3 (Fall, 2007), pp. 405-411.
- A188. Sexton, Steven E., Zhen Lei, and David Zilberman. "The Economics of Pesticides and Pest Control," *International Review of Environmental and Resource Economics*, Vol. 1, No. 3 (September, 2007), pp. 271-326.
- A189. Ameden, Holly A., Sean B. Cash, and David Zilberman. "Border Enforcement and Firm Response in the Management of Invasive Species," *Journal of Agricultural and Applied Economics*, Special Issue on the Economics Invasive Species in Tropical and Subtropical Regions, Vol. 39 (October, 2007), pp. 35-46.

- A190. Rajagopal, Deepak, Steven E. Sexton, David Roland-Holst, and David Zilberman. "Challenge of Biofuel: Filling the Tank without Emptying the Stomach?" *Environmental Research Letters*, Vol. 2, No. 4 (October-December, 2007), pp. 1-9.
- A191. Zilberman, David, and Hermann Waibel. "Advances in Impact Assessment of Natural Resources Management Research," *Quarterly Journal of International Agriculture*, Vol. 46, No. 4 (4th Quarter, 2007), pp. 395-420.
- A192. Garrido, Alberto, and David Zilberman. "Revisiting the Demand for Agricultural Insurance: The Case of Spain," *Agricultural Finance Review*, Vol. 68, No. 1 (Spring, 2008), pp. 43-66.
- A193. Buschena, David, and David Zilberman. "Generalized Expected Utility, Heteroscedastic Error, and Path Dependence in Risky Choice: Erratum," *Journal of Risk and Uncertainty*, Vol. 36, No. 2 (April, 2008), p. 201.
- A194. Templeton, Scott R., David Zilberman, Seung Jick Yoo, and Andrew L. Dabalén. "Household Use of Agricultural Chemicals for Soil-Pest Management and Own Labor for Yard Work," *Environmental and Resource Economics*, Vol. 40, No. 1 (May, 2008), pp. 91-108.
- A195. Jin, Yanhong, David Zilberman, and Amir Heiman. "Choosing Brands: Fresh Produce versus Other Products," *American Journal of Agricultural Economics*, Vol. 90, No. 2 (May, 2008), pp. 463-475.
- A196. Bulte, Erwin H., Leslie Lipper, Randy Stringer, and David Zilberman. "Payments for Ecosystem Services and Poverty Reduction: Concepts, Issues, and Empirical Perspectives," *Environment and Development Economics*, Vol. 13, No. 3 (June, 2008), pp. 245-254. (Appeared in Special Issue of *Environment and Development Economics* coedited by Erwin H. Bulte and David Zilberman.)
- A197. Zilberman, David, Leslie Lipper, and Nancy McCarthy. "When Could Payments for Environmental Services Benefit the Poor?" *Environment and Development Economics*, Vol. 13, No. 3 (June, 2008), pp. 255-278. (Appeared in Special Issue of *Environment and Development Economics* coedited by Erwin H. Bulte and David Zilberman.)
- A198. Serra, Teresa, David Zilberman, and José M. Gil. "Farms' Technical Inefficiencies in the Presence of Government Programs," *Australian Journal of Agricultural and Resource Economics*, Vol. 52, No. 1 (September, 2008), pp. 57-76.

- A199. Serra, Teresa, David Zilberman, and José M. Gil. "Differential Uncertainties and Risk Attitudes between Conventional and Organic Producers: The Case of Spanish Arable Crop Farmers," *Agricultural Economics*, Vol. 39, No. 2 (September, 2008), pp. 219-229.
- A200. Xabadia, Angels, Renan U. Goetz, and David Zilberman. "The Gains from Differentiated Policies to Control Stock Pollution when Producers Are Heterogeneous," *American Journal of Agricultural Economics*, Vol. 90, No. 4 (November, 2008), pp. 1059-1063.
- A201. Hellegers, Petra, David Zilberman, Pasquale Steduto, and Peter McCornick. "Interactions between Water, Energy, Food and Environment: Evolving Perspectives and Policy Issues," *Water Policy*, Vol. 10, Suppl. (2008), pp. 1-10.
- A202. Hochman, Gal, Steven E. Sexton, and David Zilberman. "The Economics of Biofuel Policy and Biotechnology," *Journal of Agricultural & Food Industrial Organization*, Vol. 6, No. 2 (2008), Article 8.
- A203. Rajagopal, Deepak, and David Zilberman. "Environmental, Economic and Policy Aspects of Biofuels," *Foundations and Trends® in Microeconomics*, Vol. 4, No. 5 (2008), pp. 353-468.
- A204. Zilberman, David, Thomas Sproul, Deepak Rajagopal, Steven Sexton, and Petra Hellegers. "Rising Energy Prices and the Economics of Water in Agriculture," *Water Policy*, Vol. 10, Suppl. (2008), pp. 11-21.
- A205. Shani, Uri, Yacov Tsur, Amos Zemel, and David Zilberman. "Irrigation Production Functions with Water-Capital Substitution," *Agricultural Economics*, Vol. 40, No. 1 (January, 2009), pp. 55-66.
- A206. Chakravorty, Ujjayant, Eithan Hochman, Chieko Umetsu, and David Zilberman. "Water Allocation under Distribution Losses: Comparing Alternative Institutions," *Journal of Economic Dynamics and Control*, Vol. 33, No. 2 (February, 2009), pp. 463-476.
- A207. Khanna, Madhu, Gal Hochman, Deepak Rajagopal, Steven Sexton, and David Zilberman. "Review: Sustainability of Food, Energy and Environment with Biofuels," *CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources*, Vol. 4, No. 028 (2009), pp. 1-10.
- A208. Graff, Gregory D., David Zilberman, and Alan B. Bennett. Correspondence: "The Contraction of Agbiotech Product Quality Innovation," *Nature Biotechnology*, Vol. 27, No. 8 (August, 2009), pp. 702-704.

- A209. Serra, Teresa, David Zilberman, José M. Gil, and Allen Featherstone. "The Effects of Decoupling on Land Allocation," *Applied Economics*, Vol. 41, No. 18 (August, 2009), pp. 2323-2333.
- A210. Scandizzo, Pasquale Lucio, David Zilberman, and Carl E. Pray. "Vittorio Santaniello: Founder of the International Consortium on Agricultural Biotechnology Research (ICABR)," *AgBioForum*, Vol. 12, No. 1 (2009), pp. 4-7.
- A211. Sexton, Steven, David Zilberman, Deepak Rajagopal, and Gal Hochman. "The Role of Biotechnology in a Sustainable Biofuel Future," *AgBioForum*, Vol. 12, No. 1 (2009), pp. 130-140.
- A212. Sexton, Steven, Deepak Rajagopal, and Gal Hochman, David Zilberman, and David Roland-Holst. "Biofuel Policy Must Evaluate Environmental, Food Security and Energy Goals to Maximize Net Benefits," *California Agriculture*, Vol. 63, No. 4 (2009), pp. 191-198.
- A213. Rajagopal, Deepak, Sexton, Steven, Gal Hochman, David Roland-Holst, and David Zilberman. "Model Estimates Food-versus-Biofuel Trade-Off," *California Agriculture*, Vol. 63, No. 4 (December, 2009), pp. 199-201.
- A214. Graff, Gregory D., Gal Hochman, and David Zilberman. "The Political Economy of Agricultural Biotechnology Policies," *AgBioForum*, Vol. 12, No. 1 (2009), pp. 34-46.
- A215. Rajagopal, Deepak, Steve Sexton, Gal Hochman, and David Zilberman. "Recent Developments in Renewable Technologies: R&D Investment in Advanced Biofuels," *Annual Review of Resource Economics*, Vol. 1, No. 1 (2009), pp. I.1-I.24.
- A216. Rausser, G., K. Smith, and D. Zilberman. "Preface," *Annual Review of Resource Economics*, Vol. 1 (2009), pp. V-VI.
- A217. Hochman, Gal, Deepak Rajagopal, and David Zilberman. "The Effect of Biofuels on Crude Oil Markets," *AgBioForum*, Vol. 13, No. 2 (2010), Article 3.
- A218. Brozovic, Nicholas, David L. Sunding, and David Zilberman. "On the Spatial Nature of the Groundwater Pumping Externality," *Resource and Energy Economics*, Vol. 32, No. 2 (April, 2010), pp. 154-164.
- A219. Graff, Gregory D., David Zilberman, and Alan B. Bennett. "The Commercialization of Biotechnology Traits," *Plant Science*, Vol. 179, No. 6, Special Issue (2010), pp. 635-644.
- A220. Hochman Gal, Deepak Rajagopal and David Zilberman. "Are Biofuels the Culprit: OPEC,

Food, and Fuel,” *American Economic Review*, Vol. 100, No. 2 (May, 2010), pp. 183-187.

- A221. Lichtenberg, Erik, James Shortle, James Wilen, and David Zilberman. “Natural Resource Economics and Conservation: Contributions of Agricultural Economics and Agricultural Economists,” Centennial Issue of *American Journal of Agricultural Economics*, Vol. 92, No. 2 (2010), 469-486.
- A222. Serra, Teresa, David Zilberman, and Jose Gil. “Price Volatility in Ethanol Markets,” *European Review of Agricultural Economics*, Vol. 38, No. 2 (2010), pp. 259-280.
- A223. Vijesh, Krishna, Unal Pascual, and David Zilberman. “Assessing the Potential of Labelling Schemes for In Situ Landrace Conservation: An Example from India,” *Environment and Development Economics*, Vol. 15 (2010), pp. 127-151.
- A224. Zilberman, David, and Steve Sexton. “The Economics of Biotechnology Implications for Biofuel Sustainability,” *In Vitro Cellular & Developmental Biology—Animal*, Vol. 46 (2010), pp. S89-S89.
- A225. Zilberman, David, Steve E. Sexton, Michele Marra, and Jorge Fernandez-Cornejo. “The Economic Impact of Genetically Engineered Crops,” *Choices*, Vol. 25, No. 2 (2010), 13 p.
- A226. Agmon, O., R. Fleisher, D. Zilberman, A. Heiman. “Attitude and Purchasing Decisions Regarding Genetically Modified Foods Based on Gender and Education,” *International Journal of Biotechnology*, Vol. 12, No. (2011), pp. 50-65.
- A227. Heiman, Amir, and David Zilberman, David. “The Effects of Framing on Consumers’ Choice of GM Foods,” *AgBioForum*, Vol. 14, No. 3 (2011), Article 9.
- A228. Hellegers, P., D. Zeng, and D. Zilberman. “Technology Adoption and the Impact on Average Productivity,” *Economics of Innovation and New Technology*, Vol. 20, No. 7, (2011), pp. 659-680.
- A229. Hochman, Gal, Deepak Rajagopal, and David Zilberman. “The Effects of Alternative Energy Sources On the International Oil Market,” *Applied Economic Perspectives and Policy*, Vol. 33, No. 3 (2011), pp. 402-427.
- A230. Pfeiffer, D.U., M.J. Otte, D. Roland-Holst, K. Inui, N. Tung, and D. Zilberman. “Implications of Global and Regional Patterns of Highly Pathogenic Avian Influenza Virus H5N1 Clades for Risk Management,” *The Veterinary Journal*, Vol. 190, No. 3 (2011), pp. 309-316.

- A231. Poudel, B.N., K.P. Paudel, and D. Zilberman. "Agricultural Productivity Convergence: Myth or Reality?" *Journal of Agricultural and Applied Economics*, Vol. 43, No. 1 (2011), pp. 143-156.
- A232. Sexton, S., and D. Zilberman. "Beyond the 'Food or Biofuel' Dilemma," *Biofuels*, Vol. 2, No. 4 (2011), pp. 361-363.
- A233. Sexton, S., and D. Zilberman. "Biotechnology and Biofuel," *Frontiers of Economics and Globalization*, Vol. 10 (2011), pp. 225-242.
- A234. Smyth, Stuart J., Philipp Aerni, David Castle, Matty Demont, José B. Falck-Zepeda, Robert Paarlberg, Peter W.B. Phillips, Carl E. Pray, Sara Savastano, Justus H.H. Wesseler, David Zilberman. "Sustainability and the Bioeconomy: Synthesis of Key Themes from the 15th ICABR Conference," *AgBioForum*, Vol. 14, No. 3 (2011), Article 10.
- A235. Zilberman, David. "Incentives and Trading in Water Resources Management," *Journal of Contemporary Water Research and Education*, Vol. 121, No. 1 (2011), 1 p.
- A236. Zilberman, David, and Eunice Kim. "The Lessons of Fermentation for the New BioEconomy," *AgBioForum*, Vol. 14, No. 3 (2011) Article 1.
- A237. Ifft, Jennifer, David Roland-Holst, and David Zilberman. "Production and Risk Prevention Response of Free Range Chicken Producers in Viet Nam to Highly Pathogenic Avian Influenza Outbreaks," *American Journal of Agricultural Economics*, Vol. 93, No. 2, (2011), pp. 490-497.
- A238. Jin, Yanhong, David Zilberman, and Amir Heiman. "Willingness to Pay for Brands: A Cross-region, Cross-category Analysis." *Agricultural Economics*, Vol. 42, No. 2 (2011), pp. 141-152.
- A239. Rajagopal, D., G. Hochman, and D. Zilberman. "Indirect Fuel Use Change (IFUC) and the Lifecycle Environmental Impact of Biofuel Policies," *Energy Policy*, Vol. 39 (2011), pp. 228–233.
- A240. Serra, T., D. Zilberman, J.M. Gil, and B.K. Goodwin. "Nonlinearities in the US Corn-Ethanol-Oil Price System," *Agricultural Economics*, Vol. 38, No. 2 (2011), pp. 259-280.
- A241. Zellner, Arnold, and David Zilberman. "The Economics and Econometrics of Risk: An Introduction to the Special Issue," *Journal of Econometrics*, Vol. 162, No. 1 (2011), pp. 1-5.

- A242. Zilberman, David, Gal Hochman, and Deepak Rajagopal. "Indirect Land Use Change: A Second Best Solution to a First Class Problem," *AgBioForum*, Vol. 13, No. 4 (2011).
- A243. Zilberman, David, Gal Hochman, and Deepak Rajagopal. "On the Inclusion of Indirect Land Use in Biofuel Regulations," *Illinois Law Review*, Vol. 2011, No. 2 (2011), pp. 413-434.
- A244. Hochman, Gal, Scott Kaplan, Deepak Rajagopal, and David Zilberman. "Biofuel and Food-commodity Prices," *Agriculture* Vol. 2, No. 3 (2012), pp. 272-281.
- A245. Ifft, Jennifer, David Roland-Holst, and David Zilberman. "Consumer Valuation of Safety-labeled Free-range Chicken: Results of a Field Experiment in Hanoi," *Agricultural Economics*, Vol. 43, No. 6 (2012), pp. 607-620.
- A246. Janda, Karel, Ladislav Kristoufek, and David Zilberman. "Biofuels: Policies and Impacts," *Agricultural Economics*, Vol. 58, No. 8 (2012), pp. 372-386.
- A247. Millock, Katrin, Angels Xabadia, David Zilberman. "Policy for the Adoption of New Environmental Monitoring Technologies to Manage Stock Externalities," *Journal of Environmental Economics and Management*, Vol. 64, No. 1 (2012), pp. 102-116.
- A248. Poudel, Biswo N., Krishna P. Paudel, Govinda Timilsina, and David Zilberman. "Providing Numbers for a Food versus Fuel Debate: An Analysis of a Future Biofuel Production Scenario," *Applied Economic Perspectives and Policy*, Vol. 34, No. 4 (2012), pp. 637-668.
- A249. Kristoufek, Ladislav, Karel Janda, and David Zilberman. "Correlations Between Biofuels and Related Commodities Before and During the Food Crisis: A Taxonomy Perspective," *Energy Economics*, Vol. 34, No. 5 (2012), pp. 1380-1391.
- A250. Sauer, Johannes, and David Zilberman. "Sequential Technology Implementation, Network Externalities, and Risk: The Case of Automatic Milking Systems," *Agricultural Economics*, Vol. 43, No. 3 (2012), pp. 233-252.
- A251. Waterfield, Gina, and David Zilberman. "Pest Management in Food Systems: An Economic Perspective," *Annual Review of Environment and Resources*, Vol. 37 (2012), pp. 223-245.
- A252. Zilberman, David, Jinhua Zhao, and Amir Heiman. "Adoption Versus Adaptation with Emphasis on Climate Change," *Annual Review of Resource Economics*, Vol. 4, No. 1 (2012), pp. 27-53.

- A253. Khanna, Madhu, and David Zilberman. "Modeling the Land-Use and Greenhouse-Gas Implications of Biofuels," *Climate Change Economics*, Vol. 3, No. 3 (2012), pp. 1250016-1-1250016-15.
- A254. Zilberman, David, Gal Hochman, Deepak Rajagopal, Steve Sexton, and Govinda Timilsina. "The Impact of Biofuels on Commodity Food Prices: Assessment of Findings," *American Journal of Agricultural Economics*, Vol. 95, No. 2 (2013), pp. 275-281.
- A255. Bowman, Maria S., and David Zilberman. "Economic Factors Affecting Diversified Farming Systems," *Ecology and Society*, Vol. 18, No. 1 (2013), p. 33.
- A256. Hochman, Gal, Chrysostomos Tabakis, and David Zilberman. "The Impact of International Trade on Institutions and Infrastructure," *Journal of Comparative Economics*, Vol. 41, No. 1 (2013), pp. 126-140.
- A257. Kahrl, Fredrich, David Roland-Holst, and David Zilberman. "Past as Prologue? Understanding Energy Use in Post-2002 China," *Energy Economics*, Vol. 36 (2013), pp. 759-771.
- A258. Kristoufek, Ladislav, Karel Janda, and David Zilberman. "Regime-dependent Topological Properties of Biofuels Networks," *The European Physical Journal B*, Vol. 86, No. 2 (2013), pp. 1-12.
- A259. Pfeiffer, Dirk U., Martin J. Otte, David Roland-Holst, and David Zilberman. "A One Health Perspective on HPAI H5N1 in the Greater Mekong Sub-region," *Comparative Immunology, Microbiology and Infectious Diseases*, Vol. 36, No. 3 (2013), pp. 309-319.
- A260. Rajagopal, Deepak, and David Zilberman. "On Market-mediated Emissions and Regulations On Life Cycle Emissions," *Ecological Economics*, Vol. 90 (2013), pp. 77-84.
- A261. Serra, Teresa, and David Zilberman. "Biofuel-Related Price Transmission Literature: A Review," *Energy Economics*, Vol. 37 (2013), pp. 141-151.
- A262. Vacha, Lukas, Karel Janda, Ladislav Kristoufek, and David Zilberman. "Time-Frequency Dynamics of Biofuels-Fuels-Food System," *Energy Economics*, Vol. 40 (2013), pp. 233-241.
- A263. Zilberman, David, Eunice Kim, Sam Kirschner, Scott Kaplan, and Jeanne Reeves, "Technology and the Future Bioeconomy," *Agricultural Economics*, Vol. 44 (2013), pp. 1-8.

- A264. Bennett, Alan B., Cecilia Chi-Ham, Geoffrey Barrows, Steven Sexton, and David Zilberman, "Agricultural Biotechnology: Economics, Environment, Ethics, and the Future," *Annual Review of Environment and Resources*, Vol. 38, No. 1 (2013). 31 p.
- A265. Hamilton, Stephen F., Thomas W. Sproul, David Sunding, and David Zilberman, "Environmental Policy with Collective Waste Disposal," *Journal of Environmental Economics and Management* (2013), pp. 337-346.
- A266. Zilberman, David, Scott Kaplan, Eunice Kim, Gal Hochman, and Gregory Graff. "Continents divided: Understanding differences between Europe and North America in acceptance of GM crops." *GM crops & food* 4, no. 3 (2013): 202-208.
- A267. Strogon, Bret, Arpad Horvath, and David Zilberman, "Energy Intensity, Life-cycle Greenhouse Gas Emissions, and Economic Assessment of Liquid Biofuel Pipelines," *Bioresource Technology*, Vol. 150 (December, 2013), pp. 476-485.
- A268. Zilberman, David. "The Economics of Sustainable Development," *American Journal of Agricultural Economics*, Vol. 96, No. 2 (2014), pp. 385-396
- A269. Zilberman, David, Geoff Barrows, Gal Hochman, and Deepak Rajagopal, "On the Indirect Effect of Biofuel," *American Journal of Agricultural Economics*, Vol. 95, No. 5 (2013), pp. 1332-1337.
- **A270. Barrows, Geoffrey, Steven Sexton, and David Zilberman, "Agricultural Biotechnology: The Promise and Prospects," *Journal of Economic Perspectives*, Vol. 28, No. 1 (2014), pp. 99-120.
- **A271. Chang, Hung-Hao, and David Zilberman. "On the Political Economy of Allocation of Agricultural Disaster Relief Payments: Application to Taiwan." *European Review of Agricultural Economics*, Vol. 41, No. 4 (2014), pp. 657-680.
- **A272. Gustafson, David I., Michael Collins, Jonna Fry, Saori Smith, Marty Matlock, David Zilberman, Jereme Shryock, Michael Doane, and Nathan Ramsey. "Climate Adaptation Imperatives: Global Sustainability Trends and Eco-efficiency Metrics in Four Major Crops—Canola, Cotton, Maize, and Soybeans." *International Journal of Agricultural Sustainability*, Vol. 12, No. 2 (2014), pp. 146-163.
- **A273. Hochman, Gal, Deepak Rajagopal, Govinda Timilsina, and David Zilberman. "Quantifying the Causes of the Global Food Commodity Price Crisis." *Biomass and Bioenergy*, Vol. 68 (2014), pp. 106-114.
- **A274. Krishna, Vijesh V., Matin Qaim, and David Zilberman. "Transgenic Crops, Production

Risk, and Agrobiodiversity.” *European Review of Agricultural Economics* (2014), pp.1-28.

- **A275. Kristoufek, Ladislav, Karel Janda, and David Zilberman. “Price Transmission between Biofuels, Fuels, and Food Commodities.” *Biofuels, Bioproducts and Biorefining*, Vol. 8, No. 3 (2014), pp. 362-373.
- **A276. Wesseler, Justus, and David Zilberman. “The Economic Power of the Golden Rice Opposition.” *Environment and Development Economics* Vol. 19, No. 06 (2014), pp. 724-742.
- **A277. Zilberman, David. “The Political Economy of Innovation and Technological Change.” *Environment and Development Economics*, Vol. 19 (2014), pp. 314-316.
- **A278. Zilberman, David, Gal Hochman, Scott Kaplan, and Eunice Kim. “The Political Economy of Biofuel.” *Choices*, First Quarter, Vol. 29, No. 1 (2014), pp. 1-5.
- **A279. Zilberman, David, Scott Kaplan, Eunice Kim, Steven Sexton, and Geoffrey Barrows, “Biotechnology and Food Security,” *Journal of International Affairs*, Vol. 67, No. 2 (2014), pp. 91-107.
- **A280. Zilberman, David, and Justus Wesseler. “The Impacts and Acceptance of Agricultural Biotechnology: An Introduction to the Special Issue.” *Environment and Development Economics*, Vol. 19, No. 06 (2014), pp. 669-675.
- **A281. Sauer, Johannes, John Walsh, and David Zilberman. "Agri-Environmental Policy Effects at Producer Level-Identification and Measurement." *Schriften der Gesellschaft für Wirtschafts-und Sozialwissenschaften des Landbaues eV* 49 (2014): 16.
- **A282. Schoengold, Karina, and David Zilberman. “The economics of tiered pricing and cost functions: Are equity, cost recovery, and economic efficiency compatible goals?” *Water Resources and Economics*, Vol. 7 (2014), pp. 1-18.
- **A283. Barrows, Geoffrey, Steven Sexton, and David Zilberman. "The impact of agricultural biotechnology on supply and land-use." *Environment and Development Economics* 19, no. 6 (2014): 676-703.
- **A284. Adelman, Irma, David Zilberman, and Eunice Kim. "A Conversation with Irma Adelman." *Annu. Rev. Resour. Econ.* 6, no. 1 (2014): 1-16.
- **A285. Zilberman, David. "The Economics of Climate Change and Water: An Introduction to the Special Issue." *Water Economics and Policy (WEP)* 1, no. 03 (2015): 1-8.

- **A286. Capitanio, Fabian, Salvatore Di Falco, Raffaella Zucaro, and David Zilberman. "Italian Agriculture in the Context of Climate Change: The Role of Irrigation for Sustainable Development of Rural Areas." In *RIVISTA DI STUDI SULLA SOSTENIBILITA'* (2015).
- **A287. Caparrós, Alejandro, Richard E. Just, and David Zilberman. "Dynamic Relative Standards versus Emission Taxes in a Putty-Clay Model." *Journal of the Association of Environmental and Resource Economists*, Vol. 2, No. 2 (2015), pp. 277-308.
- **A288. Du, Xiaoxue, Jennifer Ifft, Liang Lu, and David Zilberman. "Marketing Contracts and Crop Insurance." *American Journal of Agricultural Economics*, Vol. 97, No. 5 (2015), pp. 1360-1370.
- **A289. Heiman, Amir, David R. Just, Bruce P. McWilliams, and David Zilberman. "A Prospect Theory Approach to Assessing Changes in Parameters of Insurance Contracts with an Application to Money-back Guarantees." *Journal of Behavioral and Experimental Economics*, Vol. 54 (2015), pp. 105-117.
- **A290. Hochman, Gal, and David Zilberman. "The Political Economy of OPEC." *Energy Economics*, Vol. 48, Issue C (2015), pp. 203-216.
- **A291. Parks, Moon, Sangeeta Bansal, and David Zilberman. "Technology Adoption under Fit Risk: What Should Development Project Donors and Managers Know?" *Procedia Engineering*, Vol. 107 (2015), pp. 3-10.
- **A292. Rajagopal, D., R. Plevin, G. Hochman, and D. Zilberman. "Multi-objective Regulations on Transportation Fuels: Comparing Renewable Fuel Mandates and Emission Standards." *Energy Economics*, Vol. 49 (2015), pp. 359-369.
- **A293. Rausser, Gordon, David Zilberman, and Gabriel Kahn. "An Alternative Paradigm for Food Production, Distribution, and Consumption: A Noneconomist's Perspective." *Annual Review of Resource Economics*, Vol. 7, No. 1 (2015), pp. 309-331.
- **A294. Zilberman, David. "IPCC AR5 Overlooked the Potential of Unleashing Agricultural Biotechnology to Combat Climate Change and Poverty." *Global Change Biology*, Vol. 21, No. 2 (2015), pp. 501-503.
- **A295. Torani, Kiran, Gordon Rausser, and David Zilberman. "Innovation Subsidies Versus Consumer Subsidies: A Real Options Analysis of Solar Energy," *Energy Policy* Vol. 92 (2016), pp. 255-269.
- **A296. Havranek, Tomas, Zuzana Irsova, Karel Janda, and David Zilberman. "Selective reporting and the social cost of carbon." *Energy Economics* 51 (2015): 394-406.

- **A297. Tran, L.D., D. Zilberman, S. Schilizzi, M. Chalak, and R. Kingwell. "Policy Implications of Managing Reservoir Water for Multiple Uses of Irrigation and Fisheries in Southeast Vietnam," *Water Utility Journal*, Vol. 13 (2016), pp. 69-81.
- **A298. Graff, Gregory D., Gal Hochman, Chubashini Suntharlingam, and David Zilberman. "The Competing Policy Paradigms of Agricultural Biotechnology: Implications and Opportunities for Emerging and Developing Economies." *AgBioForum* 18, no. 2 (2015): 168-181.
- **A299. Xie, Yang, and David Zilberman. "Theoretical Implications of Institutional, Environmental, and Technological Changes for Capacity Choices of Water Projects," *Water Resources and Economics*, Vol. 13 (2016), pp. 19-29.
- **A300. Khanna, Madhu, Hector M. Nuñez, and David Zilberman. "Who pays and who gains from fuel policies in Brazil?" *Energy Economics* 54 (2016): 133-143.
- **A301. Du, Xiaoxue, Liang Lu, Thomas Reardon, and David Zilberman. "Economics of Agricultural Supply Chain Design: A Portfolio Selection Approach." *American Journal of Agricultural Economics* 98, no. 5 (2016): 1377-1388.
- **A302. Strogon, Bret, Kendon Bell, Hanna Breunig, and David Zilberman. "Environmental, public health, and safety assessment of fuel pipelines and other freight transportation modes." *Applied Energy* 171 (2016): 266-276.
- **A303. Castillo, Federico, J. Keith Gilles, Amir Heiman, and David Zilberman. "Time of adoption and intensity of technology transfer: an institutional analysis of offices of technology transfer in the United States." *The Journal of Technology Transfer* (2016): 1-19.
- **A304. Zilberman, David, Scott Kaplan, and Justus Wesseler. "The Loss from Underutilizing GM Technologies." *AgBioForum* 18, no. 3 (2015): 312-319.
- **A305. Gallardo, R. Karina, and David Zilberman. "The Economic Feasibility of Adopting Mechanical Harvesters by the Highbush Blueberry Industry." *HortTechnology* 26, no. 3 (2016): 299-308.
- **A306. Kristoufek, L., K. Janda, and D. Zilberman. "Co-movements of ethanol-related prices: evidence from Brazil and the USA." *GCB Bioenergy* 8, no. 2 (2016): 346-356.
- **A307. Lu, Liang, Thomas Reardon, and David Zilberman. "Supply chain design and adoption of indivisible technology." *American Journal of Agricultural Economics* 98, no. 5 (2016): 1419-1431.

- **A308. Li, Yuanqing, Chong Liu, Yi Cui, Spencer S. Walse, Ryan Olver, David Zilberman, and William A. Mitch. "Development of an Activated Carbon-Based Electrode for the Capture and Rapid Electrolytic Reductive Debromination of Methyl Bromide from Postharvest Fumigations." *Environmental science & technology* 50, no. 20 (2016): 11200-11208.
- **A309. Filip, Ondrej, Karel Janda, Ladislav Kristoufek, and David Zilberman. "Dynamics and evolution of the role of biofuels in global commodity and financial markets." *Nature Energy* 1 (2016): 1-9.
- **A310. Bangalore, Mook, Gal Hochman, and David Zilberman. "Policy incentives and adoption of agricultural anaerobic digestion: A survey of Europe and the United States." *Renewable Energy* 97 (2016): 559-571.
- **A311. Parks, Moon, Sangeeta Bansal, and David Zilberman. "Fit-risk in development projects: role of demonstration in technology adoption." *Environment and Development Economics* 21, no. 6 (2016): 742-766.
- **A312. Zilberman, David. "Indirect land use change: much ado about (almost) nothing." *GCB Bioenergy* 9, no. 3 (2017): 485-488.
- **A313. Wesseler, Justus, and David Zilberman. "Golden Rice: No Progress to Be Seen. Do We Still Need It?" *Environment and Development Economics* 22, no. 2 (2017): 107-9.
- **A314. Franklin, Garcia-Godoy, Elizabeth Kay, Yan Si, and David Zilberman. "A global approach to assess the economic benefits of increased consumption of sugar-free chewing gum." *American Journal of Dentistry* 30, no. 2 (2017).
- **A315. Heiman, Amir, David Zilberman, and Ben Gordon. "Food beliefs and food supply chains: the impact of religion and religiosity in Israel." *Food Policy* (2017).
- **A316. Zilberman, David, Liang Lu, and Thomas Reardon. "Innovation-induced food supply chain design." *Food Policy* (2017).
- **A317. Wesseler, J., R. D. Smart, J. Thomson, and D. Zilberman. "Foregone benefits of important food crop improvements in Sub-Saharan Africa." *PLoS ONE* 12, no. 7 (2017): e0181353.
- **A318. Xie, Yang, and David Zilberman. "Water Storage Capacity versus Water Use Efficiency: Substitutes or Complements?." *Journal of the Association of Environmental and Resource Economists*. Forthcoming.

Working Papers

- **D1. Filip, Ondrej, Karel Janda, Ladislav Kristoufek, and David Zilberman. "Foods, fuels or finances: Which prices matter for biofuels?" (2016).
- **D2. Wuepper, David, David Zilberman, and Johannes Sauer. "Self-Efficacy or Farming Skills: What Matters More for the Adaptive Capacity of Ghana's Pineapple Farmers?" (2016).

Popular Media

Agricultural and Resource Economics Update

- B1. DeBiase, Terry A., and David Zilberman. "The Farm Bill and the Environment," *ARE Update*, Vol. 5, No. 1 (Fall, 2001), pp. 3-6.
- B2. Just, David, and David Zilberman. "Information Systems in Agriculture," *ARE Update*, Vol. 6, No. 1 (September/October, 2002), pp. 3-6.
- B3. Graff, Gregory, Amir Heiman, Cherisa Yarkin, and David Zilberman. "Privatization and Innovation in Agricultural Biotechnology," *ARE Update*, Vol. 6, No. 3 (January/ February, 2003), pp. 5-7.
- B4. Qaim, Matin, and David Zilberman. "Bt Crops Can Increase Yields Substantially in Developing Countries," *ARE Update*, Vol. 6, No. 6 (July/August, 2003), pp. 1-2 and 11.
- B5. Graff, Gregory D., and David Zilberman. "Explaining Europe's Resistance to Agricultural Biotechnology," *ARE Update*, Vol. 7, No. 5 (May/June, 2004), pp. 5-7.
- B6. Heiman, Amir, David Just, Bruce McWilliams, and David Zilberman. "Religion, Religiosity, Lifestyles and Food Consumption," *ARE Update*, Vol. 8, No. 2 (November/ December, 2004), pp. 9-11.
- B7. Kahrl, Fredrich, David Roland-Holst, and David Zilberman. "New Horizons for Rural Reform in China: Resources, Property Rights and Consumerism," *ARE Update*, Vol. 9, No. 1 (September/October, 2005), pp. 11-14.

- B8. Sexton, Steven E., Leslie A. Martin, and David Zilberman. "Biofuel and Biotech: A Sustainable Energy Solution," *ARE Update*, Vol. 9, No. 3 (January/February, 2006), pp. 1-4.
- B9. Roland-Holst, David, and David Zilberman. "How Vulnerable Is California Agriculture to Higher Energy Prices," *ARE Update*, Vol. 9, No. 5 (May/June, 2006), pp. 1-4.
- B10. Sexton, Steven, Deepak Rajagopal, David Zilberman, and David Roland-Holst. "The Intersection of Energy and Agriculture: Implications of Rising Demand for Biofuels and the Search for the Next Generation," *ARE Update*, Vol. 10, No. 5 (May/June, 2007), pp. 4-7.
- B11. Zilberman, David. "Payments for Environmental Services: Who Gains and Who Loses?" *ARE Update*, Vol. 11, No. 1 (September/October, 2007), pp. 1-3.
- B12. Rajagopal, Deepak, and David Zilberman. "The Use of Environmental Life-Cycle Analysis for Evaluating Biofuels," *ARE Update*, Vol. 11, No. 3 (January/February, 2008), pp. 5-8.
- B13. Sexton, Steven, Deepak Rajagopal, David Zilberman, and Gal Hochman. "Food versus Fuel: How Biofuels Make Food More Costly and Gasoline Cheaper," *ARE Update*, Vol. 12, No. 1 (September/October, 2008), pp. 1-6.
- B14. Ifft, Jennifer, David Roland-Holst, and David Zilberman. "Impact of Quality Characteristics on Demand for Chicken in Viet Nam," *ARE Update*, Vol. 12, No. 4 (March/April, 2009), pp. 9-11.
- B15. Pray, Carl, and David Zilberman. "The Emerging Global Biofuel Industry: The Biofuel Situation and the Policies in Developing Countries," *ARE Update*, Vol. 12, No. 5 (May/June, 2009), pp. 8-10.
- B16. Sexton, Steven E., and Zilberman, David. "Agricultural Biotechnology Can Help Mitigate Climate Change," *ARE Update*, Vol. 14, No. 2 (November/December, 2010), pp. 1-4.
- B17. Behnke, D., Heft-Neal, S., Ifft, J., Soares Magalhaes, R., Otte, J., Pfeiffer, D., Roland-Holst, D. and Zilberman, D. "Smallholder Livestock Production and the Global Disease Risk," *ARE Update*, Vol. 14, No. 3 (January/February, 2011), pp. 9-11.
- B18. Heiman, Amir, Oded Lowengart, David Zilberman, and Maayan Klachman Amir. "Health, Diet, Nutritional Information, and Consumer Choice," *ARE Update*, Vol. 14, No. 6 (July/August, 2011), pp. 9-11.

- B19. Zilberman, David, and Gal Hochman. "Meeting a Growing Demand for Food and Fuel in a Sustainable Manner," *ARE Update*, Vol. 14, No. 4 (March/April, 2011), pp. 5-8.
- B20. Hochman, Gal, Deepak Rajagopal, and David Zilberman. "OPEC and the Environmental Impact of Biofuels," *ARE Update*, Vol. 15, No. 2 (November/December, 2011), pp. 9-11.
- B21. Heiman, Amir, and David Zilberman. "Information Framing and Consumer Choices of Genetically Modified Food," *ARE Update*, Vol. 15, No. 3 (January/February, 2012), pp. 9-11.
- B22. Zilberman, D. "The Logic and Consequences of Labeling GMOs." *ARE Update*, Vol. 15, No. 5 (May/June, 2012), pp. 5-8.
- B23. Iho, Antti, Doug Parker, and David Zilberman. "Animal Waste Regulation and Transboundary Water Quality," *ARE Update*, Vol. 16, No. 3 (January/February, 2013), pp. 8-11.
- **B24. Hochman, Gal, Geoff Barrows, and David Zilberman. "U.S. Biofuels Policy: Few Environmental Benefits but Large Trade Gains." *ARE Update* 17, No. 2 (November/December, 2013), p. 1-3.
- **B25. Justus Wesseler, Scott Kaplan, and David Zilberman. "The Cost of Delaying Approval of Golden Rice." *ARE Update*, Vol. 17, No. 3 (January/February, 2014), pp. 1-3.
- **B26. Zilberman, David and Scott Kaplan. "An Overview of California's Agricultural Adaptation to Climate Change." *ARE Update*, Vol. 18, No. 1 (September/October, 2014), pp. 16-19.
- **B27. Rebecca Taylor, Doug Parker, and David Zilberman. "Contribution of University of California Cooperative Extension to Drip Irrigation." *ARE Update*, Vol. 18, No. 2 (November/December, 2014), pp. 5-8.
- **B28. David Zilberman. "Beer: A Poster Child of the Bioeconomy." *ARE Update*, Vol. 19, No. 2 (November/December, 2015), pp. 1-4.
- **B29. Ariel Dinar and David Zilberman. "Water Pricing for a Dry Future: Pricing Policies from Abroad and Their Relevance to California." *ARE Update*, Vol. 19, No. 5 (May/June, 2016), pp. 1-4.
- **B30. Madeline Schatzberg and David Zilberman. "Valuing the Dissemination of Integrated Pest Management Information in California." *ARE Update*, Vol. 20, No. 2 (November/December, 2016), pp. 5-8.

Book Chapters and Reviews

Book Chapters

- C1.1. Just, Richard E., Andrew Schmitz, and David Zilberman. "The Social Impact of Technological Change in Agriculture," *Technological Change, Farm Mechanization and Agricultural Employment*, University of California at Davis Kellogg Program, Cooperative Extension, and the Giannini Foundation of Agricultural Economics, University of California, Berkeley, July, 1978.
- C1.2. Just, Richard E., David Zilberman, and Gordon C. Rausser. "A Putty-Clay Approach to the Distributional Effects of New Technology Under Risk," *Operations Research in Agriculture and Water Resources*, ed. Daniel Yaron and Charles Tapiero (Amsterdam: North Holland, Inc., 1980).
- C1.3. Rausser, Gordon C., Richard E. Just, and David Zilberman. "Prospects and Limitations of Operations Research Applications in Agriculture and Agricultural Policy," *Operations Research in Agriculture and Water Resources*, ed. Daniel Yaron and Charles Tapiero (Amsterdam: North Holland, Inc., 1980).
- C1.4. Rausser, Gordon C., David Zilberman, and Richard E. Just. "The Distributional Impacts of Agricultural Programs," in *Proceedings from Perspectives on Food and Agricultural Policy Research Workshop*, ed. Walter J. Armbruster (Oak Brook, Illinois: Farm Foundation, 1982).
- C1.5. Just, Richard E., Gordon C. Rausser, and David Zilberman. "Modelling Equity and Efficiency in Agricultural Production Systems," *Growth and Equity in Agricultural Development*, Proceedings of the 18th International Conference of Agricultural Economists, ed. Allen Maunder and Kazushi Ohkawa (Oxford: Oxford University Press, 1983).
- C1.6. Zilberman, David, and Gordon C. Rausser. "A Proper Perspective for Considering Adaptive Economics" (Discussion of Chapter 2), *Modeling Farm Decisions for Policy Analysis*, ed. Kenneth H. Baum and Lyle P. Schertz (Boulder, Colorado: Westview Press, 1983).
- C1.7. Zilberman, David, and Richard E. Just. "Labor Supply Uncertainty and Technology Adoption," *Seasonal Agricultural Labor Markets in the United States*, ed. Robert D. Emerson (Ames: Iowa State University Press, 1984).

- C1.8. Hochman, Eithan, Gideon Vitkon, and David Zilberman. "The Arava: Development Model of an Arid Zone Under Conditions of Uncertainty," *Human Settlement and Regional Development* (Jerusalem: Keter Press, International, 1984).
- C1.9. Zilberman, David, and Harold O. Carter. "Structural Dimensions of Agricultural Policies," *Alternative Agricultural and Food Policies and the 1985 Farm Bill*, ed. Gordon C. Rausser and Kenneth R. Farrell (Berkeley: Giannini Foundation of Agricultural Economics, University of California; Washington, D. C.: Resources for the Future; and San Leandro, California: Blaco Publishers, 1984).
- C1.10. Zilberman, David, Amos Golan, and Bonnie Stern. "Labor in Israeli Agriculture," *Migrant Labor in Agriculture: An International Comparison*, ed. Philip L. Martin (Davis: Giannini Foundation of Agricultural Economics, University of California, and Washington, D. C.: German Marshall Fund of the United States, 1984).
- C1.11. Hochman, Eithan, Gideon Vitkon, Richard E. Just, and David Zilberman. "The Dynamics of Agricultural Development in Sparsely Populated Areas: The Case of the Arava," *Desert Development: Man and Technology in Sparse Lands*, ed. Yehuda Gradus (Dordrecht, Holland: D. Reidel Publishing Company, 1985).
- C1.12. Casterline, Gary, Ariel Dinar, and David Zilberman. "The Adoption of Modern Irrigation Technologies in the United States," *Free Trade and Agricultural Diversification: Canada and the United States*, ed. Andrew Schmitz (Boulder, San Francisco, and London: Westview Press, 1989), pp. 222-248.
- C1.13. Lichtenberg, Erik and David Zilberman. "The Economics of Waste Management in Agricultural Production Systems," *Risk Analysis and Management of Natural and Man-Made Hazards*, ed. Yacov Y. Haimen and Eugene Z. Stakhiv (New York: American Society of Civil Engineers, 1989), pp. 175-189.
- C1.14. Chakravorty, Ujjayant, Eithan Hochman, and David Zilberman. "Dynamic Considerations in the Design of Drainage Canals," *The Economics and Management of Water and Drainage in Agriculture*, ed. Ariel Dinar and David Zilberman (Norwell, Massachusetts: Kluwer Academic Publishers, 1991), Chapter 33.
- C1.15. Dinar, Ariel, and David Zilberman. "Effects of Input Quality and Environmental Conditions on Selection of Irrigation Technologies," *The Economics and Management of Water and Drainage in Agriculture*, ed. Ariel Dinar and David Zilberman (Norwell, Massachusetts: Kluwer Academic Publishers, 1991), Chapter 12.
- C1.16. Just, Richard E., Nancy Bockstael, Ronald G. Cummings, John Miranowski, and David Zilberman, "Problems Confronting the Joint Formulation of Commercial Agricultural and

Resource Policies,” *Commodity and Resource Policies in Agricultural Systems*, ed. R. E. Just and N. Bockstael (Berlin, Heidelberg, New York: Springer-Verlag, 1991).

- C1.17. Just, Richard E., Erik Lichtenberg, and David Zilberman. “Effects of the Feed Grain and Wheat Programs on Irrigation and Groundwater Depletion in Nebraska,” *Commodity and Resource Policies in Agricultural Systems*, ed. R. E. Just and N. Bockstael (Berlin, Heidelberg, New York: Springer-Verlag, 1991).
- C1.18. Just, Richard E., Erik Lichtenberg, and David Zilberman. “Joint Management of Buffer Stocks for Water and Commodities,” *Commodity and Resource Policies in Agricultural Systems*, ed. R. E. Just and N. Bockstael (Berlin, Heidelberg, New York: Springer-Verlag, 1991).
- C1.19. Just, Richard E., Erik Lichtenberg, and David Zilberman. “The Interaction of Agricultural Policies and Health Regulation: The Case of Tobacco,” *Commodity and Resource Policies in Agricultural Systems*, ed. R. E. Just and N. Bockstael (Berlin, Heidelberg, New York: Springer-Verlag, 1991).
- C1.20. Rausser, Gordon C., and David Zilberman. “Public Research in Agriculture: An Alternative Institutional Framework,” *Economic Models, Estimation, and Socioeconomic Systems: Essays in Honor of Karl Fox*, ed. T. K. Kaul and J. K. Sengupta (Amsterdam: Elsevier Science Publishers, 1991).
- C1.21. Shah, Farhed, and David Zilberman. “Government Policies to Improve Intertemporal Allocation of Water Use in Regions with Drainage Problems,” *The Economics and Management of Water and Drainage in Agriculture*, ed. Ariel Dinar and David Zilberman (Norwell, Massachusetts: Kluwer Academic Publishers, 1991), Chapter 32.
- C1.22. Buschena, David E., and David Zilberman. “Similarity of Choices and the Performance of the Expected Utility Approach: Empirical Results,” *Quantifying Long Run Agricultural Risks and Evaluating Farmer Responses to Risk*, Proceedings of a Seminar sponsored by Southern Regional Project S-232, Orlando, Florida, March 22-25, 1992 (Tucson: Department of Agricultural and Resource Economics, University of Arizona, September, 1992).
- C1.23. Just, Richard E., Gordon C. Rausser, and David Zilberman. “Environmental and Agricultural Policy Linkages and Reforms in the United States Under the GATT,” *Improving Agricultural Trade Performance Under the GATT*, eds. Tilman Becker, Richard Gray, and Andrew Schmitz (Kiel, West Germany: Wissenschaftsverlag Vauk, 1992).

- C1.24. Zilberman, David, Ariel Dinar, Cheryl Brown, Federico Castillo, Madhu Khanna, and Neal MacDougall. "Lessons From California's Response to the Drought: On Behavior Under Uncertainty," *Quantifying Long Run Agricultural Risks and Evaluating Farmer Responses to Risk*, Proceedings of a Seminar sponsored by Southern Regional Project S-232, Orlando, Florida, March 22-25, 1992 (Tucson: Department of Agricultural and Resource Economics, University of Arizona, September, 1992).
- C1.25. Shah, Farhed, David Zilberman, and Ujjayant Chakravorty. "Water Rights Doctrines and Technology Adoption," *The Economics of Rural Organization: Theory, Practice, and Policy*, ed. Karla Hoff, Avishay Braverman, and Joseph E. Stiglitz (New York: Oxford University Press, 1993), pp. 478-499.
- C1.26. Zilberman, David, David Sunding, and Gordon Rausser. "Managing Groundwater Quality Under Uncertainty," *Quantifying Long-Run Agricultural Risks*, ed. M. Marra (Orono: University of Maine, 1993).
- C1.27. Zilberman, David, N. Naidenov, and F. Castillo. "Agriculture and the Environment," *Privatization of Agriculture in New Market Economies: Lessons from Bulgaria*, ed. Andrew Schmitz, Kirby Moulton, Allan Buckwell, and Sofia Davidova (Boston: Kluwer Academic Publishers, 1994), Chapter 8. As part of the book series, *Natural Resource Management and Policy*, Ariel Dinar and David Zilberman, editors.
- C1.28. Zilberman, David, David Sunding, Michael Dobler, Mark Campbell, and Andrew Manale. "Who Makes Pesticide Use Decisions: Implications for Policymakers," *Pesticide Use and Product Quality*, ed. Walter Armbruster (Oak Brook: Farm Foundation, 1994), pp. 23-39.
- C1.29. Just, Richard E., Gordon C. Rausser, and David Zilberman. "Compensation and Political Feasibility: Facilitating Welfare Improving Policies," *GATT Negotiations and the Political Economy of Policy Reform*, ed. Gordon C. Rausser (New York: Springer, 1995).
- C1.30. Just, Richard E., Gordon C. Rausser, and David Zilberman. "Modeling Policy Reform in the U. S. Wheat and Feed Grain Sectors," *GATT Negotiations and the Political Economy of Policy Reform*, ed. Gordon C. Rausser (New York: Springer, 1995).
- C1.31. Shah, Farhed, and David Zilberman. "Political Economy of the Transition from Water Rights to Water Markets," *Water Quantity/Quality Management and Conflict Resolution*, ed. Ariel Dinar and Edna Tusak Loehman (Westport, Connecticut: Praeger, 1995), pp. 369-383.
- C1.32. Dinar, Ariel, David Sunding, and David Zilberman. "Changes in Irrigation Technology and the Impact of Reducing Agricultural Water Supplies," *Advances in the Economics of*

Environmental Resources, ed. Darwin C. Hall (Greenwich, Connecticut: JAI Press, Inc., 1996), pp. 167-183.

- C1.33. Zilberman, David, "Institutional and Policy Reform in Water Resource Management," *Security and Sustainability in a Mature Water Economy: A Global Perspective*, ed. John J. Pigram (Armidale, Australia: Centre for Water Policy Research, 1996), pp. 1-10.
- C1.34. Sunding, David, David Zilberman, Neal MacDougall, Richard Howitt, and Ariel Dinar. "Modeling the Impacts of Reducing Agricultural Water Supplies: Lessons from California's Bay/Delta Problem," *Decentralization and Coordination of Water Resource Management*, ed. Douglas D. Parker and Yacov Tsur (Boston: Kluwer Academic Publishers, 1997), Chapter 22. As part of the book series, *Natural Resource Management and Policy*, Ariel Dinar and David Zilberman, editors.
- C1.35 Osgood, Daniel, Daniel Cohen, Doug Parker, and David Zilberman. "Forecasting the Production Benefits and Incidence of a Public Program: An Integrated Survey and Estimation Procedure Applied to Study the California Irrigation Management Information System," *Advances in Econometrics*, ed. Thomas B. Fomby and R. Carter Hill (Greenwich, Connecticut: JAI Press, Inc., Vol. 12, 1997), pp. 303-317.
- C1.36. Alston, Julian, and David Zilberman. "Science and Technology in California Agriculture," *California Agriculture: Issues and Challenges*, ed. Jerome B. Siebert (University of California, Giannini Foundation, Division of Agriculture and Natural Resources, August, 1997), pp. 101-124.
- C1.37. Zilberman, David, Jerome B. Siebert, and Joshua Zivin. "Environmental Issues in California Agriculture," *California Agriculture: Issues and Challenges*, ed. Jerome B. Siebert (University of California, Giannini Foundation, Division of Agriculture and Natural Resources, August, 1997), pp. 195-214.
- C1.38. Zivin, Joshua, David Zilberman, and Jerome B. Siebert. "Agriculture at the Urban Fringe: A Competition for Scarce Resources," *California Agriculture: Issues and Challenges*, ed. Jerome B. Siebert (University of California, Giannini Foundation, Division of Agriculture and Natural Resources, August, 1997), pp. 215-230.
- C1.39. Zilberman, David, David Sunding, and Madhu Khanna. "The Changing Nature of Agricultural Markets: Implications for Privatization of Technology, Information Transfer, and Land Grant Research and Extension," *Privatization of Information and Agricultural Industrialization*, ed. Steven A. Wolf (Boca Raton, Florida: CRC Press LLC, 1998), pp. 257-284.

- C1.40. Zilberman, David, and Douglas Parker. "Internal Water Disputes: Causes and Solutions," *Conflict and Cooperation on Trans-Boundary Water Resources*, ed. Richard Just and Sinaia Netanyahu (Boston: Kluwer Academic Publishers, 1998), pp. 89-107. As part of the book series, *Natural Resource Management and Policy*, Ariel Dinar and David Zilberman, editors.
- C1.41. Just, Richard, George Frisvold, Verna Harrison, Joe Oppenheimer, and David Zilberman. "Using Bargaining Theory and Economic Analysis as an Aid to Trans-Boundary Water Cooperation," *Conflict and Cooperation on Trans-Boundary Water Resources*, ed. Richard Just and Sinaia Netanyahu (Boston: Kluwer Academic Publishers, 1998), pp. 411-426. As part of the book series, *Natural Resource Management and Policy*, Ariel Dinar and David Zilberman, editors.
- C1.42. Zilberman, David. "Responses to and Management of Droughts," *Drought Management in a Changing West: New Directions for Water Policy*, ed. Donald A. Wilhite and Deborah A. Wood (Lincoln: International Drought Information Center, University of Nebraska-Lincoln, 1994), pp. 151-158. Proceedings of the Conference and Workshops, Portland, Oregon, May 10-13, 1994 (IDIC Technical Report Series 94-1, November, 1994).
- C1.43. Buschena, David E., and David Zilberman. "Testing the Effects of Similarity and Real Payoffs on Choice," *Beliefs, Interactions, and Preferences in Decision Making*, ed. Mark Machina and Bertrand Munier (Boston: Kluwer Academic Publishers, 1999).
- C1.44. Zilberman, David, Ujjayant Chakravorty, and Farhed Shah. "Efficient Management of Water in Agriculture," *Decentralization and Coordination of Water Resource Management*, ed. Douglas D. Parker and Yacov Tsur (Boston: Kluwer Academic Publishers, 1997), Chapter 22, pp. 221-245. As part of the book series, *Natural Resource Management and Policy*, Ariel Dinar and David Zilberman, editors.
- C1.45. Zilberman, David, and Leslie Lipper. "Sustainability and Information," *Sustainability in Agricultural and Rural Development*, ed. Gerard E. D'Souza and Tesfa G. Gebremedhin (Aldershot, England: Ashgate Publishing Ltd., 1998), pp. 193-216.
- C1.46. Zilberman, David, "The Impact of Agriculture on Water Quality," *Sustainable Management of Water in Agriculture, Issues and Policies, The Athens Workshop* (France: OECD Publications, 1998), pp. 133-150.
- C1.47. Zilberman, D., C. Yarkin, and A. Heiman. "Institutional Change and Biotechnology in Agriculture: Implications for Developing Countries," *Farmers, Gene Banks and Crop Breeding*, ed. M. Smale (Boston: Kluwer Academic Publishers, 1998), pp. 191-204.

- C1.48. Zilberman, David, and Leslie Lipper. "The Economics of Water Use," *Handbook of Environmental and Resource Economics*, ed. Jeroen C.J.M. van den Bergh (Cheltenham, United Kingdom: Edward Elgar Publishing, Inc., 1999), pp. 141-158.
- C1.49. Zilberman, David, Cherisa Yarkin, and Amir Heiman. "Agricultural Biotechnology: Economic and International Implications," *Food Security, Diversification and Resource Management: Refocusing the Role of Agriculture?*, ed. G. H. Peters and Joachim von Braun (Aldershot, England: Ashgate Publishing Ltd., 1999), pp. 144-161.
- C1.50. Zilberman, David. "Introduction," *Flexible Incentives for the Adoption of Environmental Technologies in Agriculture*, ed. Frank Casey, Andrew Schmitz, Scott Swinton, and David Zilberman (Norwell, Massachusetts: Kluwer Academic Publishers, 1999), pp. 1-6.
- C1.51. Khanna, Madhu, Katti Millock, and David Zilberman. "Sustainability, Technology and Incentives," *Flexible Incentives for the Adoption of Environmental Technologies in Agriculture*, ed. Frank Casey, Andrew Schmitz, Scott Swinton, and David Zilberman (Norwell, Massachusetts: Kluwer Academic Publishers, 1999), pp. 97-118.
- C1.52. Graff, Gregory, David Zilberman, and Cherisa Yarkin. "The Roles of Economic Research in the Evolution of International Agricultural Biotechnology," *Agricultural Biotechnology in Developing Countries: Towards Optimizing the Benefits for the Poor*, ed. Matin Qaim, Anatole F. Krattiger, and Joachim von Braun (Boston: Kluwer Academic Publishers, 2000), pp. 125-154.
- C1.53. Zilberman, David, Cherisa Yarkin, and Amir Heiman. "Knowledge Management and the Economics of Agricultural Biotechnology," *Agricultural and Intellectual Property Rights: Economic, Institutional and Implementation Issues in Biotechnology*, ed. V. Santaniello, R. E. Evenson, D. Zilberman, and G. A. Carlson (New York: CABI Publishing, 2000), pp. 139-154.
- C1.54. Zilberman, David, and David Sunding. "Climate Change Policy and the Agricultural Sector," *Assessment Methods for Soil Carbon*, ed. R. Lal, J. M. Kimble, R. F. Follett, and B. A. Stewart (Boca Raton, Florida: CRC Press LLC, 2000), pp. 629-643.
- C1.55. Becker, Nir, Naomi Zeitouni, and David Zilberman. "Issues in the Economics of Water Resource," *The International Yearbook of Environmental and Resource Economics 2000/2001: A Survey of Current Issues*, ed. Tom Tietenberg and Henk Folmer (Cheltenham, United Kingdom: Edward Elgar Publishing, Inc., 2000), pp. 55-99.
- C1.55a. McCann, R.J., and D. Zilberman. "Governance Rules and Management in California's Agricultural Water Districts." *The Political Economy of Water Pricing Reforms*, ed. A. Dinar. (New York, New York: Oxford Press, 2000), pp. 79-103.

- C1.56. Pannell, David J., and David Zilberman. "Economic and Sociological Factors Affecting Growers' Decision Making on Herbicide Resistance," *Herbicide Resistance and World Grains*, ed. Stephen B. Powles and Dale L. Shaner (Boca Raton, Florida: CRC Press LLC, 2001), pp. 251-277.
- C1.57. Sunding, David, and David Zilberman. "The Agricultural Innovation Process: Research and Technology Adoption in a Changing Agricultural Sector," *Handbook of Agricultural and Resource Economics*, ed. Bruce L. Gardner and Gordon C. Rausser (Amsterdam: Elsevier Science, 2001), pp. 207-261.
- C1.58. Dinar, Ariel, and David Zilberman. "Dan Yaron: The Person, His Work and His Legacy," *The Economics of Water Resources: The Contributions of Dan Yaron*, ed. Ariel Dinar and David Zilberman (Norwell, Massachusetts: Kluwer Academic Publishers, 2002), pp. 1-7. As part of the book series, *Natural Resource Management and Policy*, Ariel Dinar and David Zilberman, editors.
- C1.59. Evenson, Robert E., Vittorio Santaniello, and David Zilberman. "Market Development for Genetically Modified Foods: Introduction," *Market Development for Genetically Modified Foods*, ed. Vittorio Santaniello, Robert E. Evenson, and David Zilberman (Wallingford, U. K., and New York: CABI, 2002), pp. 1-5.
- C1.60. Evenson, R. E., V. Santaniello, and D. Zilberman. "Introduction and Overview," *Economic and Social Issues in Agricultural Biotechnology*, ed. R. E. Evenson, V. Santaniello, and D. Zilberman (Wallingford, U. K., and New York: CABI, 2002), pp. xi-xviii.
- C1.61. Graff, Gregory, Amir Heiman, David Zilberman, Federico Castillo, and Douglas Parker. "Universities, Technology Transfer and Industrial R&D," *Economic and Social Issues in Agricultural Biotechnology*, ed. R. E. Evenson, V. Santaniello, and D. Zilberman (Wallingford, U. K., and New York: CABI, 2002), pp. 93-117.
- C1.62. Metcalfe, Mark, David Sunding, and David Zilberman. "Risk Management and the Environment," *A Comprehensive Assessment of the Role of Risk in U. S. Agriculture*, ed. Richard E. Just and Rulon D. Pope (Norwell, Massachusetts: Kluwer Academic Publishers, 2002), pp. 511-534. As part of the book series, *Natural Resource Management and Policy*, Ariel Dinar and David Zilberman, editors.
- C1.63. Zilberman, David, and Ariel Dinar. "Placing Dan Yaron's Work in the Literature," *The Economics of Water Resources: The Contributions of Dan Yaron*, ed. Ariel Dinar and David Zilberman (Norwell, Massachusetts: Kluwer Academic Publishers, 2002), pp. 219-225. As part of the book series, *Natural Resource Management and Policy*, Ariel Dinar and David Zilberman, editors.

- C1.64. Zilberman, David, Xuemei Liu, and David Sunding. "The Impact of Climate Change on Agriculture: A Global Perspective," *Agricultural Globalization, Trade, and the Environment*, ed. Charles B. Moss, Gordon C. Rausser, Andrew Schmitz, Timothy G. Taylor, and David Zilberman (Norwell, Massachusetts: Kluwer Academic Publishers, 2002), pp. 423-438. As part of the book series, *Natural Resource Management and Policy*, Ariel Dinar and David Zilberman, editors.
- C1.65. Alix, Jennifer, and David Zilberman. "Industrial Organization and Institutional Considerations in Agricultural Pest Resistance Management," *Battling Resistance to Antibiotics and Pesticides: An Economic Approach*, ed. Ramanan Laxminarayan (Washington, D. C.: Resources for the Future, 2003), pp. 330-356.
- C1.66. Alston, Julian, and David Zilberman. "Science and Technology," *California Agriculture: Dimensions and Issues*, ed. Jerry Siebert (Berkeley: University of California, Giannini Foundation of Agricultural Economics, Division of Agricultural and Natural Resources, 2003), pp. 257-287.
- C1.67. Cash, Sean B., and David Zilberman. "Environmental Issues in California Agriculture," *California Agriculture: Dimensions and Issues*, ed. Jerry Siebert (Berkeley: University of California, Giannini Foundation of Agricultural Economics, Division of Agricultural and Natural Resources, 2003), pp. 214-240.
- C1.68. Schoengold, Karina, and David Zilberman. "Economics of Water Quality and Agriculture," *Agricultural Water Quality and Water Use: Developing Indicators for Policy Analyses*, ed. Kevin Parris and Pil-Kyun Jung (Proceedings of an OECD Expert Meeting, Gyeongju, The Republic of Korea, 2003), pp. 24-39.
- C1.69. Zilberman, David. "The Crutchfield and Zellner Monograph and the Evolution of Environmental and Resource Economics," *The Economics of Marine Resources and Conservation Policy: The Pacific Halibut Case Study with Commentary*, ed. James A. Crutchfield and Arnold Zellner (Chicago and London, University of Chicago Press, 2003), pp. 177-184.
- C1.70. Graff, Greg, Matin Qaim, Cherisa Yarkin, and David Zilberman. "Agricultural Biotechnology in Developing Countries," *Perspectives in World Food and Agriculture 2004*, ed. Colin G. Scanes and John A. Miranowski (Ames, Iowa: Blackwell Publishing, Iowa State Press, 2004), pp. 417-438.
- C1.71. Zilberman, David, and Amir Heiman. "The Value of Economics Research," *What's Economics Worth? Valuing Policy Research*, ed. Philip G. Pardey and Vincent H. Smith

(Baltimore, Maryland: The Johns Hopkins University Press for IFPRI, 2004), pp. 275-299.

- C1.72. Heiman, Amir, and David Zilberman. "The Internet and the Economics of High-Value Agricultural Products: Theory and Evidence from Europe and Israel," *E-Commerce in Agribusiness*, ed. Troy G. Schmitz, Charles B. Moss, Andrew Schmitz, Albert Kagan, and Bruce Babcock (Longboat Key, Florida: Florida Science Source, Inc., 2005), pp. 295-320.
- C1.73. Graff, Greg, David Roland-Holst, and David Zilberman. "Agricultural Biotechnology and Globalization: U. S. Experience with Public and Private Sector Research," *Environmental Costs and Benefits of Transgenic Crops*, ed. J. H. H. Wesseler (Dordrecht, the Netherlands; Norwell, Massachusetts: Springer, 2005), pp. 225-245.
- C1.74. Templeton, Scott, and David Zilberman. "Technology, Incentives, Institutions, and Sustainability," *Water and Sustainable Development*, ed. P. Michael Schmitz (Frankfurt am Main, Germany: Peter Lang, 2005), pp. 3-19.
- C1.75. Zilberman, David, Mark Metcalfe, and Amir Heiman. "Economics and the Adoption of Information Technology with Evidence from California," *E-Commerce in Agribusiness*, ed. Troy G. Schmitz, Charles B. Moss, Andrew Schmitz, Albert Kagan, and Bruce Babcock (Longboat Key, Florida: Florida Science Source, Inc., 2005), pp. 45-62.
- C1.76. Ameden, Holly, Matin Qaim, and David Zilberman. "Adoption of Biotechnology in Developing Countries," *Agricultural Biodiversity and Biotechnology in Economic Development*, ed. Joseph Cooper, Leslie Marie Lipper, and David Zilberman (New York: Springer, 2005), pp. 329-357.
- C1.77. Cooper, Joseph, Leslie Lipper, and David Zilberman. "Introduction. Agricultural Biodiversity and Biotechnology: Economic Issues and Framework for Analysis," *Agricultural Biodiversity and Biotechnology in Economic Development*, ed. Joseph Cooper, Leslie Marie Lipper, and David Zilberman (New York: Springer, 2005), pp. 3-13.
- C1.78. de Janvry, Alain, Gregory Graff, Elisabeth Sadoulet, and David Zilberman. "Technological Change in Agriculture and Poverty Reduction: The Potential of Biotechnology," *Agricultural Biodiversity and Biotechnology in Economic Development*, ed. Joseph Cooper, Leslie Marie Lipper, and David Zilberman (New York: Springer, 2005), pp. 361-386.
- C1.79. Graff, Gregory, and David Zilberman. "Towards an Intellectual Property Clearinghouse for Agricultural Biotechnology," *Agricultural Biodiversity and Biotechnology in*

Economic Development, ed. Joseph Cooper, Leslie Marie Lipper, and David Zilberman (New York: Springer, 2005), pp. 387-403.

- C1.80. Lipper, Leslie, and David Zilberman. "Policies to Promote the Conservation and Sustainable Use of Agricultural Biodiversity," *Agricultural Biodiversity and Biotechnology in Economic Development*, ed. Joseph Cooper, Leslie Marie Lipper, and David Zilberman (New York: Springer, 2005), pp. 405-429.
- C1.81. Lipper, Leslie, Joseph Cooper, and David Zilberman. "Synthesis Chapter: Managing Plant Genetic Diversity and Agricultural Biotechnology for Development," *Agricultural Biodiversity and Biotechnology in Economic Development*, ed. Joseph Cooper, Leslie Marie Lipper, and David Zilberman (New York: Springer, 2005), pp. 457-477.
- C1.82. Qaim, Matin, Cherisa Yarkin, and David Zilberman. "Impact of Biotechnology on Crop Genetic Diversity," *Agricultural Biodiversity and Biotechnology in Economic Development*, ed. Joseph Cooper, Leslie Marie Lipper, and David Zilberman (New York: Springer, 2005), pp. 283-307.
- C1.83. Zilberman, David, and Leslie Lipper. "Major Processes Shaping the Evolution of Agriculture, Biotechnology, and Biodiversity," *Agricultural Biodiversity and Biotechnology in Economic Development*, ed. Joseph Cooper, Leslie Marie Lipper, and David Zilberman (New York: Springer, 2005), pp. 15-37.
- C1.84. Alston, Julian M., Richard E. Just, and David Zilberman. "What We Have Learned, and Where Do We Go from Here?," *Regulating Agricultural Biotechnology: Economics and Policy*, ed. Richard E. Just, Julian M. Alston, and David Zilberman (New York: Springer, 2006), pp. 701-722.
- C1.85. Brozovic, Nicholas, David Sunding, and David Zilberman. "Optimal Management of Groundwater over Space and Time," *Frontiers in Water Resource Economics*, ed. Renan-Ulrich Goetz and Dolores Berga (New York: Springer, 2006), pp. 109-135.
- C1.86. Hellegers, Petra, David Zilberman, and Ekko Van Ierland. "Dynamics of Agricultural Groundwater Extraction," *The Economics of Water Quality*, ed. K. William Easter and Naomi Zeitouni (Aldershot, U. K., and Burlington, VT: Ashgate, 2006), pp. 75-83.
- C1.87. Just, Richard E., David Zilberman, and Julian M. Alston. "Regulating Agricultural Biotechnology: Introduction and Overview," *Regulating Agricultural Biotechnology: Economics and Policy*, ed. Richard E. Just, Julian M. Alston, and David Zilberman (New York: Springer, 2006), pp. 3-17.

- C1.88. Zilberman, David. "The Economics of Biotechnology Regulation," *Regulating Agricultural Biotechnology: Economics and Policy*, ed. Richard E. Just, Julian M. Alston, and David Zilberman (New York: Springer, 2006), pp. 243-261.
- C1.89. Zilberman, David, Daniel Cohen-Vogel, and Jeanne Reeves. "Precision Farming in Cotton," *Frontiers in Water Resource Economics*, ed. Renan-Ulrich Goetz and Dolores Berga (New York: Springer, 2006), pp. 255-275.
- C1.90. Ameden, Holly, Sean B. Cash, D. Angele Vickers, and David Zilberman. "Economics, Policy, and Border Enforcement of Invasive Species," Chapter 3 in *Canadian Perspectives on US Policy: Essays from a US Policy Research Workshop*, ed. Constance Smith (Edmonton: Institute for United States Policy Studies, 2007), 19p.
- C1.91. Graff, G. D., and D. Zilberman. "The Political Economy of Intellectual Property: Re-examining European Policy on Plant Biotechnology," *Agricultural Biotechnology and Intellectual Property: Seeds of Change*, ed. Jay P. Kesan (Oxfordshire, UK: CAB International, 2007), pp. 244-267.
- C1.92. Schoengold, Karina, and David Zilberman. "The Economics of Water, Irrigation, and Development," *Handbook of Agricultural Economics: Agricultural Development: Farmers, Farm Production and Farm Markets*, Vol. 3, ed. Robert E. Evenson, Prabhu Pingali, and T. Paul Schultz (Amsterdam: North-Holland, 2007).
- C1.93. Hellegers, Petra, Karina Schoengold, and David Zilberman. "Water Resource Management and the Poor," *Economics of Poverty, Environment and Natural-Resource Use*, ed. Rob B. Dellink and Arjan Ruijs, Wageningen UR Frontis Series (Dordrecht, the Netherlands: Springer Verlag Publishing, 2008), pp. 41-57.
- C1.94. Qaim, Matin, Carl E. Pray, and David Zilberman. "Economic and Social Considerations in the Adoption of Bt Crops," *Integration of Insect-Resistant Genetically Modified Crops within IPM Programs*, ed. Jörg Romeis, Anthony M. Shelton, and George G. Kennedy (Dordrecht, the Netherlands: Springer Netherlands, 2008), pp. 329-356.
- C1.95. Schoengold, Karina, and David Zilberman. "Creating a Policy Environment for Sustainable Water Use," *Mountains: Sources of Water, Sources of Knowledge*, ed. Ellen Wiegandt (Dordrecht, the Netherlands: Springer Netherlands, 2008), pp. 305-326.
- C1.96. Schoengold, K., T. Sproul, and D. Zilberman. "Irrigated Agriculture in an Era of High Energy Prices," *Sustainable Irrigation Management Technologies and Policies II*, Vol. 112, ed. Y. Villacampa Esteve and D. Prats Rico (Ashurst, Southampton, England: WIT Press, 2008), pp. 43-52.

- C1.97. Sexton, Steven, Deepak Rajagopal, Gal Hochman, David Roland-Holst, and David Zilberman. "Biofuel: Distributional and Other Implications of Current and the Next Generation Technologies," *Risk, Infrastructure and Industry Evolution*, ed. Burton C. English, R. Jamey Menard, and Kim Jensen, pp. 12-22. Proceedings of a conference in Berkeley, California, June 24-25, 2008, *Farm Foundation, 2008*.
- C1.98. Heiman, Amir, Yanhong Jin, and David Zilberman. "Marketing Environmental Services," *Payment for Environmental Services in Agricultural Landscapes: Economic Policies and Poverty Reduction in Developing Countries*, ed. Leslie Lipper, Takumi Sakuyama, Randy Stringer, and David Zilberman (New York: Food and Agriculture Organization of the United Nations and Springer Science+Business Media, LLC, 2009), pp. 59-76.
- C1.99. Lipper, Leslie, Nancy McCarthy, and David Zilberman. "Putting Payments for Environmental Services in the Context of Economic Development," *Payment for Environmental Services in Agricultural Landscapes: Economic Policies and Poverty Reduction in Developing Countries*, ed. Leslie Lipper, Takumi Sakuyama, Randy Stringer, and David Zilberman (New York: Food and Agriculture Organization of the United Nations and Springer Science+Business Media, LLC, 2009), pp. 9-33.
- C1.100. Zilberman, David. "Conclusion," *Payment for Environmental Services in Agricultural Landscapes: Economic Policies and Poverty Reduction in Developing Countries*, ed. Leslie Lipper, Takumi Sakuyama, Randy Stringer, and David Zilberman (New York: Food and Agriculture Organization of the United Nations and Springer Science+Business Media, LLC, 2009), pp. 275-277.
- C1.101. Zilberman, David, Randy Stringer, Lipper, Leslie, and Takumi Sakuyama. "Introduction and Overview," *Payment for Environmental Services in Agricultural Landscapes: Economic Policies and Poverty Reduction in Developing Countries*, eds. Leslie Lipper, Takumi Sakuyama, Randy Stringer, and David Zilberman (New York: Food and Agriculture Organization of the United Nations and Springer Science+Business Media, LLC, 2009), pp. 1-8.
- C1.102. Heiman, Amir, Yanhong Jin, and David Zilberman. "Risk, Risk Reduction Tools and Adoption of Innovation," *Advances in Technology and Innovation in Marketing*, ed. Rajat Gera (New Delhi: MacMillan Publications India LTD, 2009), pp. 273-286.
- C1.103. Gaehwiler, Manuela, Brian Gross, Thomas Koellner, Wendy Proctor, and David Zilberman. "Marketing Ecosystem Services," *Payment for Ecosystem Services*, ed. Pushpam Kumar and Roldan Muradian (New Delhi: Oxford University Press, 2009), pp. 166-193.

- C1.104 Hochman, Gal, Steven Sexton, David Zilberman. "Food and Biofuel in a Global Environment," *Handbook of Bioenergy Economics and Policy* (Chapter 16), eds. M. Khanna, J. Scheffran, and D. Zilberman (New York: Springer, 2010), pp. 267-286.
- C1.105 Rajagopal, Deepak, Gal Hochman, David Zilberman. "A Simple Framework for Regulation of Biofuels," *Handbook of Bioenergy Economics and Policy* (Chapter 13), eds. M. Khanna, J. Scheffran, and D. Zilberman (New York: Springer, 2010), pp. 219-231.
- C1.106 Schoengold, K., T. Sproul, and D. Zilberman. "Energy Prices, Biofuels, and Irrigated Agriculture," *Incentives and Instruments for Sustainable Irrigation*, eds. H. Bjornlund (Southampton, U.K.: WIT Press, 2010), pp. 153-172.
- C1.107 Serra, Teresa, David Zilberman, José M. Gil, Barry K. Goodwin. "Price Transmission in the U.S. Ethanol Market," *Handbook of Bioenergy Economics and Policy* (Chapter 5) eds. M. Khanna, J. Scheffran, and D. Zilberman (New York: Springer, 2010), pp. 55-72.
- C1.108 Sexton, Steven E., and David Zilberman. "The Economic and Marketing Challenges of Horticultural Biotechnology," *Transgenic Horticultural Crops: Challenges and Opportunities*, eds. Beiquan Mou and Ralph Scorza (Boca Raton, Florida: CRC Press, 2011), 175-191.
- C1.109. Zilberman, David. "Economics of Global Trade and Ecosystem Services," *Ecosystem Services and Global Trade of Natural Resources*, ed. Thomas Koellner (London; New York: Routledge, 2011), pp. 29-39.
- C1.110. Sexton, Steven, and David Zilberman. "Land for Fuel and Food Production: The Role of Agricultural Biotechnology," *The Intended and Unintended Effects of U.S. Agricultural and Biotechnology Policies*, eds. Joshua S. Zivin and Jeffrey M. Perloff (Chicago, Illinois: University of Chicago Press, 2011), pp. 269-288.
- C1.111. Zilberman, David, and Jenny Hsing-I Liu. "On Consumption Indivisibilities, the Demand for Durables, and Income Distribution," *Dynamics, Games and Science I, DYNA 2008*, in Honor of Maurício Peixoto and David Rand, eds. Mauricio Matos Peixoto, Alberto Adrego Pinto, and David A. Rand (Berlin: Springer, 2011), pp. 785-809.
- C1.112. Hochman, G., Deepak Rajagopal, and David Zilberman. "Biofuels and Climate Change," *Handbook of Climate Change and Agriculture*, eds. Robert Mendelsohn and Ariel Dinar (Cheltenham, UK: Edward Elgar, 2011), pp. 271-291.
- C1.113. Zilberman, David, Deepak Rajagopal, Steven Sexton, Gal Hochman, and Teresa Serra. "The Economics of Biofuels, Food, and the Environment," *The Economics of Alternative*

Energy Sources and Globalization, eds. Andrew Schmitz, Norbert Wilson, Charles Moss, and David Zilberman (Oak Park: Bentham Books, 2011), pp. 24-34.

- C1.114. Graff, Gregory D., and David Zilberman. "Agricultural Biotechnology: Equity and Prosperity," *The Role of Biotechnology in a Sustainable Food Supply* (Chapter 15), eds. Jennie S. Popp, Molly M. Jahn, Marty D. Matlock, and Nathan P. Kemper (Cambridge: Cambridge University Press, 2012), pp. 252-265.
- C1.115. Heiman, Amir, Bruce McWilliams, David Zilberman. "The Effect of Social Norms and Economic Considerations on Purchases of Chicken," *Health and Animal Agriculture in Developing Countries* (Chapter 9), eds. David Zilberman, Joachim Otte, David Roland-Holst, and Dirk Pfeiffer (New York: Springer, 2012), pp. 143-157.
- C1.116. Ifft, Jennifer, and David Zilberman. "The Evolution of Animal Agricultural Systems and Supply Chains: Theory and Practice," *Health and Animal Agriculture in Developing Countries* (Chapter 3), eds. David Zilberman, Joachim Otte, David Roland-Holst, and Dirk Pfeiffer (New York: Springer, 2012), pp. 31-56.
- C1.117. Sproul, Thomas W., David Zilberman, David Roland-Holst, Joachim Otte. "The Cost of Saving a Statistical Life: A Case for Influenza Prevention and Control," *Health and Animal Agriculture in Developing Countries* (Chapter 8), eds. David Zilberman, Joachim Otte, David Roland-Holst, and Dirk Pfeiffer (New York: Springer, 2012), pp. 135-141.
- C1.118. Zilberman, David, and Steven Sexton. "Enhancing Productivity While Safeguarding Environmental Quality," *Issues of the Day: 100 Commentaries on Climate, Energy, the Environment, Transportation, and Public Health Policy* (Chapter 40), eds. Ian W.H. Parry and Felicia Day (Washington, D.C.: Resources for the Future, 2012), pp. 84-85.
- C1.119. Zilberman, David, Thomas W. Sproul, Steven Sexton, David Roland-Holst. "The Economics of Zoonotic Diseases: An Application to Avian Flu," *Health and Animal Agriculture in Developing Countries* (Chapter 4), eds. David Zilberman, Joachim Otte, David Roland-Holst, and Dirk Pfeiffer (New York: Springer, 2012), pp. 59-76.
- C1.120. Graff, Gregory, Gal Hochman, and David Zilberman. "The Research, Development, Commercialization, and Adoption of Drought and Stress-Tolerant Crops," *Crop Improvement Under Adverse Conditions*, eds. Narendra Tuteja and Sarvajeet Singh Gill (New York: Springer, 2013), pp. 1-33.
- C1.121. Zilberman, David, Madhu Khanna, Scott Kaplan, and Eunice Kim. "Technology Adoption and Land Use," *Oxford Handbook of Land Economics*, eds. Joshua Duke and JunJie Wu (Oxford, UK: Oxford University Press, 2013), pp. 52-73.

- C1.122. Khanna, Madhu, David Zilberman, and Christine Crago. "Modeling the Land Use Change with Biofuels," *Oxford Handbook of Land Economics*, eds. Joshua Duke and JunJie Wu (Oxford, UK: Oxford University Press, 2013), pp. 85-110.
- C1.123. Zilberman, David, Scott Kaplan, Eunice Kim, and Gina Waterfield. "Lessons from the California Labeling Proposition on the State of Crop Biotechnology," *Handbook of Biotechnology*, eds. Stuart Smyth, Peter Phillips, and David Castle (Northampton: Edward Elgar Publishing, 2014), pp. 538-549.
- **C1.124. Cheng, Jay, Govinda Timilsina, and David Zilberman. "Biofuel Technologies and Potential," *The Impacts of Biofuels on the Economy, Environment, and Poverty* (Chapter 2), eds. Govinda Timilsina and David Zilberman (New York: Springer, 2014), pp. 15-31.
- **C1.125. Hochman, Gal, Deepak Rajagopal, Govinda R. Timilsina, and David Zilberman. "Impacts of Biofuels on Food Prices," *The Impacts of Biofuels on the Economy, Environment, and Poverty* (Chapter 4), eds. Govinda Timilsina and David Zilberman (New York: Springer, 2014), pp. 47-64.
- **C1.126. Hochman, Gal, and David Zilberman. "Algae Farming and Its Bio-products," *Plants and BioEnergy* (Chapter 4), eds. Maureen McCann, Marcos Buckeridge, Nick Carpita (New York: Springer, 2014), pp. 49-64.
- **C1.127. Kaplan, Scott, Charles Séguin, Karl W. Steininger, and David Zilberman. "Dynamic Management of Fossil Fuel, Biofuel, and Solar Energy," *Modeling, Dynamics, Optimization and Bioeconomics I* (Chapter 1), eds. Alberto Adrego Pinto and David Zilberman (New York: Springer, 2014), pp. 1-16.
- **C1.128. Centore, Mike, Gal Hochman, and David Zilberman. "Worldwide Survey of Biodegradable Feedstocks, Waste-to-Energy Technologies, and Adoption of Technologies." *Modeling, Dynamics, Optimization and Bioeconomics I* (2014): 163-181.
- **C1.129. Zilberman, David, Scott Kaplan, Gal Hochman, and Deepak Rajagopal. "Political Economy of Biofuels," *The Impacts of Biofuels on the Economy, Environment, and Policies: A Global Perspective* (Chapter 11), eds. Govinda R. Timilsina and David Zilberman (New York: Springer, 2014), pp. 131-144.
- **C1.130. Graff, Gregory D., Gal Hochman, and David Zilberman. "The Political Economy of Regulation of Biotechnology in Agriculture." In *The Oxford Handbook of Food, Politics, and Society* (2014).
- **C1.131. Hochman, Gal, Michael C. Trachtenberg, and David Zilberman. "Algae Crops:

Coproduction of Algae Biofuels,” *Industrial Crops* (Chapter 17), eds. Von Mark V. Cruz, David A. Dierig (New York: Springer, 2015), pp. 369-380.

- **C1.132. Zilberman, David, and Justus Wesseler. "Welfare and Co-existence," *The Coexistence of Genetically Modified, Organic and Conventional Foods: Government Policies and Market Practices*, eds. Kalaitzandonakes, Nicolas, Peter W.B. Phillips, Justus Wesseler, Stuart J. Smyth (New York: Springer, 2016), pp. 387-403.
- **C1.133. Zilberman, David, and Yanhong Jin. "A probabilistic approach to food security," In *Food Security in a Food Abundant World: An Individual Country Perspective*, eds. Schmitz, Andrew, P. Lynn Kennedy, Troy G. Schmitz (Emerable Group Publishing Limited, 2016), pp. 33-53.
- **C1.134. Graff, Gregory, and David Zilberman. "How the IP–Regulatory Complex Affects Incentives to Develop Socially Beneficial Products from Agricultural Genomics," *The Intellectual Property–Regulatory Complex: Overcoming Barriers to Innovation in Agricultural Genomics* (2016): 68.
- **C1.135. Lipper, Leslie, and David Zilberman. "A short history of the evolution of the climate smart agriculture approach and its links to climate change and sustainable agriculture debates," *Climate Smart Agriculture: Building Resilience to Climate Change*, eds. Lipper, Leslie, Nancy McCarthy, David Zilberman, Solomon Asfaw, Branca Giacomo (New York: Springer, 2017).
- **C1.136. McCarthy, Nancy, Leslie Lipper, and David Zilberman. "Economics of Climate Smart Agriculture: an Overview," *Climate Smart Agriculture: Building Resilience to Climate Change*, eds. Lipper, Leslie, Nancy McCarthy, David Zilberman, Solomon Asfaw, Branca Giacomo (New York: Springer, 2017).
- **C1.137. Zilberman, David, Leslie Lipper, Nancy McCarthy, and Ben Gordon. "Innovation in response to climate change," *Climate Smart Agriculture: Building Resilience to Climate Change*, eds. Lipper, Leslie, Nancy McCarthy, David Zilberman, Solomon Asfaw, Branca Giacomo (New York: Springer, 2017).
- **C1.138. Reardon, Thomas, and David Zilberman. "Climate smart food supply chains in developing countries in an era of rapid dual change in agrifood systems and the climate," *Climate Smart Agriculture: Building Resilience to Climate Change*, eds. Lipper, Leslie, Nancy McCarthy, David Zilberman, Solomon Asfaw, Branca Giacomo (New York: Springer, 2017).
- **C1.139. Zilberman, David. "Conclusions and Policy Implications," *Climate Smart Agriculture: Building Resilience to Climate Change*, eds. Lipper, Leslie, Nancy McCarthy, David

Zilberman, Solomon Asfaw, Branca Giacomo (New York: Springer, 2017).

- **C1.140. Palatnik, Ruslana Rachel, and David Zilberman. “Economics of Natural Resource Utilization – The Case of Macroalgae”, *Modeling, Dynamics, Optimization and Bioeconomics II (Chapter 1)*, eds. Pinto, Alberto Adrego, and David Zilberman (New York: Springer, 2017).
- **C1.141. Khanna, Madhu, and David Zilberman. “Bioenergy Economics and Policy in US and Brazil: Effects on Land Use and Greenhouse Gas Emissions,” *Handbook of Bioenergy Economics and Policy: Volume II*, eds. Khanna, Madhu and David Zilberman (New York: Springer, 2017), pp. 1-11.
- **C1.142. Hochman, Gal, Michael Traux, and David Zilberman. “US Biofuel Policies and Markets,” *Handbook of Bioenergy Economics and Policy: Volume II*, eds. Khanna, Madhu and David Zilberman (New York: Springer, 2017), pp. 15-38.
- **C1.143. Cicogna, Maria Paula Vieira, Madhu Khanna, and David Zilberman. “Prospects for Biofuel Production in Brazil: Role of Market and Policy Uncertainties,” *Handbook of Bioenergy Economics and Policy: Volume II*, eds. Khanna, Madhu and David Zilberman (New York: Springer, 2017), pp. 89-117.
- **C1.144. Zilberman, David, Deepak Rajagopal, and Scott Kaplan. “Effect of Biofuel on Agricultural Supply and Land Use,” *Handbook of Bioenergy Economics and Policy: Volume II*, eds. Khanna, Madhu and David Zilberman (New York: Springer, 2017), pp. 163-182.
- **C1.145. Khanna, Madhu, David Zilberman, and Ruiqing Miao. “Innovation in Agriculture: Incentives for Adoption and Supply Chain Development for Energy Crops,” *Handbook of Bioenergy Economics and Policy: Volume II*, eds. Khanna, Madhu and David Zilberman (New York: Springer, 2017), pp. 347-372.
- **C1.146. Du, Xiaoxue, Madhu Khanna, Liang Lu, Xi Yang, and David Zilberman. “Contracting in the Biofuel Sector,” *Handbook of Bioenergy Economics and Policy: Volume II*, eds. Khanna, Madhu and David Zilberman (New York: Springer, 2017), pp. 401-444.
- **C1.147. Zilberman, David, Madhu Khanna, and Ben Gordon. “Conclusion,” *Handbook of Bioenergy Economics and Policy: Volume II*, eds. Khanna, Madhu and David Zilberman (New York: Springer, 2017), pp. 429-425.

Book Reviews

- C2.1. Review of *Lectures on Macroeconomic Planning* by Leif Johansen (Amsterdam and New York: North-Holland Publishing Company, 1977), in *Journal of the American Statistical Association*, Vol. 75, No. 369 (March, 1980), p. 245.
- C2.2. Review of *The Economics of Agricultural Policies* by Bruce L. Gardner (New York: Macmillan Publishing Co., 1982), in *American Journal of Agricultural Economics*, Vol. 70 (November, 1988), pp. 966 and 967.
- C2.3. Review of *Agricultural Household Models: Extensions, Applications, and Policy* by Inderjit Singh, Lyn Squire, and John Strauss, eds. (Baltimore and London: The Johns Hopkins University Press, 1986) in *Growth and Change*, Vol. 19, No. 2 (Spring, 1988), pp. 94 and 95.
- C2.4. Review of *Irrigation-Induced Water Quality Problems: What Can Be Learned from the San Joaquin Valley Experience?* by the Committee on Irrigation-Induced Water Quality Problems, Water Science and Technology Board, Commission on Physical Sciences, Mathematics and Resources, National Research Council (Washington, D. C.: National Academy Press, 1989) in *AAEA* (December, 1991).
- C2.5. Review of *Outward Orientation and the Environment in the Pacific Basin: Coordinated Trade and Environmental Policy Reform in Mexico* by John Beghin, David Roland-Holst, and Dominique van der Mensbrugge in *Economic Development and Cooperation in the Pacific Basin: Trade, Investment, and Environmental Issues*, ed. By Hiro Lee and David W. Roland-Holst (Cambridge: Cambridge University Press, 1998), pp. 467-471.

Reports

- C3.1. Committee to Review the Role of Publicly Funded Agricultural Research on the Structure of U.S. Agriculture, Board on Agriculture and Natural Resources, National Research Council. *Publicly Funded Agricultural Research and the Changing Structure of U.S. Agriculture* (Washington, D. C.: The National Academy Press, 2002). Member of committee.
- C3.2. Council for Agricultural Science and Technology. *Climate Change and Greenhouse Gas Mitigations: Challenges and Opportunities for Agriculture*, Task Force Report No. 141

(Ames, Iowa: Council for Agricultural Science and Technology, May, 2004), 120p.
Member of committee.

- C3.3. Zilberman, David, and Deepak Rajagopal. *Review of Environmental, Economic and Policy Aspects of Biofuels*, Policy Research Working Paper Series: 4341 (Washington, D. C.: World Bank, 2007).
- C3.4. Gealy, D. R., K. J. Bradford, L. Hall, A. Raybould, J. Wolt, and D. Zilberman. *Implications of Gene Flow in the Scale-Up and Commercial Use of Biotechnology-Derived Crops: Economic and Policy Considerations*, Council for Agricultural Science and Technology Issue Paper 37 (CAST: Ames, Iowa, 2007), 24p.
- C3.5. Sexton, Steven E., and David Zilberman. *Biofuel Impacts on Climate Change, the Environment and Food*, Report to the Renewable Fuels Agency (St Leonards-on-Sea, East Sussex: Renewable Fuels, May 19, 2008).
- C3.6. Heft-Neal, S., J. Otte, W. Puppavessa, D. Roland-Holst, S. Sudsawasd, and D. Zilberman. *Supply Chain Auditing for Poultry Production in Thailand*, Rural Development Research Consortium, Research Report RR Nr. 08-09 (September, 2008).
- C3.7. Sproul, Thomas, David Zilberman, David Roland-Holst, Joachim Otte. *A Case for Multilateral Investment in Avian Flu Prevention*, HPAI Research Brief 17 (Washington, D.C.: International Food Policy Research Institute, 2009).
- C3.8. Hochman, G., D. Rajagopal, G. Timilsina, and D. Zilberman. *The Role of Inventory Adjustments in Quantifying Factors Causing Food Price Inflation*, World Bank Policy Research Working Paper Series No. 5744 (Washington, D.C.: World Bank, August, 2011).
- C3.9. Fleur Wouterse, Klaus Deininger, Harris Selod, Ousmane Badiane, Jo Swinnen, Joachim von Braun, David Zilberman. *Foreign Direct Investment in Land in West Africa: The Status Quo, Lessons from Other Regions, Implications for Research* (Washington, D.C.: International Food Policy Research Institute, 2011).
- C3.10. Sexton, Steven, JunJie Wu, and David Zilberman. *How High Gas Prices Triggered the Housing Crisis: Theory and Empirical Evidence* (Berkeley: University of California Center for Energy and Environmental Economics, February, 2012).
- C3.11. Zilberman, David, and K. Segerson. *Top Ten Design Elements to Achieve More Efficient Conservation Programs* (Washington, D.C.: The Council on Food, Agricultural & Resource Economics, 2012).

- C3.12. Zilberman, David, Bruce E. Dale, Paul E. Fixen, and John L. Havlin. *Food, Fuel, and Plant Nutrient Use in the Future* (Ames: Council for Agricultural Science and Technology, 2013).
- C3.13. Barrows, Geoff, Steven Sexton, and David Zilberman. *Agricultural Biotechnology: The Promise and Prospects* (Berkeley: University of California CUDARE Working Paper 1133, 2013).
- C3.14. Babcock, Bruce, Dallas Burtraw, David Greene, Amy Myers Jaffe, Chris Knittel, Richard Newell, David Roland-Holst, John Weyant. *Evaluating BCG's Report: Understanding The Impacts Of AB32* (Davis: University of California: Air Resources Board, Policy Institute for Energy, Environment, and the Economy, 2014).

Presentations

- P1. Hochman, Eithan, and David Zilberman. "Two-Goal Environmental Policy: An Integration of Micro and Macro Ad Hoc Decision Rules," paper presented at the *Third World Conference of the Econometric Society*, Toronto, Canada, August 20-26, 1975.
- P2. Hochman, Eithan, Richard E. Just, and David Zilberman. "The Use of Putty Clay Models for Dynamic Environmental Planning," paper presented at the *Western Economic Association Meeting*, Honolulu/Kona, Hawaii, June 20-26, 1978.
- P3. Just, Richard E., Andrew Schmitz, and David Zilberman. "Price Controls and Optimal Export Policies Under Alternative Market Structures," paper presented at the *Western Economic Association Meeting*, Honolulu/Kona, Hawaii, June 20-26, 1978.
- P4. Just, Richard E., David Zilberman, and Gordon C. Rausser. "A Putty-Clay Approach to the Distributional Effects of New Technology Under Risk," paper presented at the Operations Research Society of Israel, *International Conference on Operations Research in Agriculture and Water Resources*, Jerusalem, Israel, November 25-29, 1979.
- P5. Rausser, Gordon C., Richard E. Just, and David Zilberman, "Prospects and Limitations of Operations Research Applications in Agriculture and Agricultural Policy," paper presented at the Operations Research Society of Israel, *International Conference on Operations Research in Agriculture and Water Resources*, Jerusalem, Israel, November 25-29, 1979.
- P6. Zilberman, David, and Richard E. Just. "Agricultural Product Markets and the Demand for Seasonal Labor," paper presented at the *U. S. Department of Labor Conference*,

“Toward a Research Strategy on the Agricultural Labor Market in the United States,” Washington, D. C., January 9-11, 1980.

- P7. Rausser, Gordon C., Alain de Janvry, Andrew Schmitz, and David Zilberman. “Principal Issues in the Evaluation of Public Research in Agriculture,” paper presented at the *Symposium on Methodology for Evaluation of Agricultural Research*, Minneapolis, Minnesota, May, 1980.
- P8. Rausser, Gordon C., Richard E. Just, and David Zilberman. “Econometric vs. Programming: Choosing the Tool for the Problem,” invited paper presented at the *Symposium on Economic Modeling and Forecasting for Agriculture*, Ottawa, Canada, May 22 and 23, 1980.
- P9. Rausser, Gordon C., David Zilberman, and Richard E. Just. “The Distributional Impacts of Agricultural Programs,” invited paper presented at the *Workshop on Perspective on Food and Agricultural Policy Research*, University of Maryland, College Park, Maryland, October 4-7, 1981.
- P10. Zilberman, David, and Gordon C. Rausser. “Comment: A Proper Perspective on Adaptive Economics,” paper presented at the *U. S. Department of Agriculture Conference on Modeling and Evaluating Policy and Institutional Impacts on Farm Firms: Theory, Research, and Extension Applications*, Arlington, Virginia, November 18-20, 1981.
- P11. Just, Richard E., David Zilberman, and Gordon C. Rausser. “The Role of Governmental Policy in Agricultural Land Appreciation and Wealth Accumulation,” invited paper presented at the *Annual Meeting of the American Economics Association*, Washington, D. C., December 27-29, 1981.
- P12. Zilberman, David. “The Use of Potential Optimal Control Models in Agricultural Economics,” invited paper presented at the *Annual Meetings of the American Agricultural Economics Association and the Western Agricultural Economics Association*, Logan, Utah, August 1-4, 1982.
- P13. Just, Richard E., Gordon C. Rausser, and David Zilberman. “Equity and Efficiency in Agricultural Production Systems,” invited plenary paper for the *International Association of Agricultural Economics Meetings*, Jakarta, Indonesia, August 23-September 2, 1982.
- P14. Zilberman, David. “The Implications of the Economic Treadmill and Putty-Clay Models,” paper presented at the *American Agricultural Economics Association Symposium on Agricultural Investment, Asset Fixity, and the Agricultural*

Treadmill: Modern Approaches to Solving Some Old Problems, Purdue University, West Lafayette, Indiana, August, 1983.

- P15. Zilberman, David. "Seasonal Labor Arrangement in Israeli Agriculture," paper presented at the *Giannini Foundation Symposium on International Comparison of Seasonal Farm Labor Management*, Davis, California, 1984.
- P16. Zilberman, David, and Harold O. Carter. "Structural Dimensions of Agricultural Policies," paper presented at the *Conference on Alternative Agricultural and Food Policies and the 1985 Farm Bill*, Berkeley, California, June, 1984.
- P17. Zilberman, David. "Technological Change, Government Policies, and Exhaustible Resources in Agriculture," invited paper presented at the *American Agricultural Economics Association Meeting*, Cornell University, Ithaca, New York, August, 1984.
- P18. Zilberman, David. "Comment on Modeling Dynamic Supply Response in Agriculture," discussant in invited session, *American Agricultural Economics Meeting*, Cornell University, Ithaca, New York, August, 1984.
- P19. Lichtenberg, Erik, and David Zilberman. "The Econometrics of Pesticide Use: Why Specification Matters," contributed paper for the *American Agricultural Economics Association Meeting*, Cornell University, Ithaca, New York, August, 1984.
- P20. Just, Richard E., and David Zilberman. "Income Distributional Implications of Natural Resource Policy Decisions," paper presented at the *Western Agricultural Economics Association Meeting*, University of Saskatchewan, Saskatoon, Canada, July, 1985.
- P21. Lichtenberg, Erik, and David Zilberman. "Efficient Regulation of Environmental Health Risks," paper presented at the *Annual Meeting of the Western Economic Association*, Anaheim, California, July, 1985.
- P22. Lichtenberg, Erik, and David Zilberman. "Heterogeneous Production and Input Regulation in Agriculture: A Conceptual Framework for Welfare Analysis," paper presented at the *Annual Meeting of the American Agricultural Economics Association*, Iowa State University, Ames, August, 1985.
- P23. Lichtenberg, Erik, and David Zilberman. "Regulating Environmental Health Risks Efficiently in Developing Countries: The Case of Latin America," paper presented at the *First Conference on Environmental Economics in Mexico and Latin America*, Monterrey, Mexico, September, 1985.

- P24. Lichtenberg, Erik, and David Zilberman. "Efficient Regulation of Environmental Health Risks: The Case of Drinking Water Contamination in California," paper presented at the *International Conference on Man's Role in Changing the Global Environment*, Venice, Italy, October, 1985.
- P25. Lichtenberg, Erik, and David Zilberman. "Heterogeneous Production and Input Regulation in Agriculture: A Conceptual Framework for Welfare Analysis," paper presented at the *Annual Meeting of the Southern Economic Association*, Dallas, Texas, November, 1985.
- P26. Lichtenberg, Erik, and David Zilberman. "Regulating Environmental and Human Health Risks from Agricultural Residuals," paper presented at the *Conference on Decision Criteria for Residuals Management in Agriculture*, Sacramento, California, April 17 and 18, 1986 (also published in its Proceedings).
- P27. Lichtenberg, Erik, and David Zilberman. "Problems of Pesticide Regulation: Health and Environment versus Food and Fiber," paper presented at the *Conference on Agricultural and Environment*, National Center for Food and Agricultural Policy, Resources for the Future, Washington, D. C., April 21-22, 1986.
- P28. Lichtenberg, Erik, and David Zilberman. "Efficient Management of Contamination Under Environmental Uncertainty: Shellfish Contamination in California," paper presented at the *Association of Environmental and Resource Economists, Workshop on Marine Pollution and Environmental Damage Assessment*, Narragansett, Rhode Island, June 5 and 6, 1986.
- P29. Lichtenberg, Erik, Douglas D. Parker, and David Zilberman. "Marginal Analysis of Welfare Effects of Environmental Policies: The Case of Pesticide Regulation," paper presented at the *Annual Meeting of the American Agricultural Economics Association*, Lansing, Michigan, August 3-5, 1987.
- P30. Lichtenberg, Erik, and David Zilberman. "The Economics of Waste Management in Agricultural Production Systems," invited paper presented at the *Engineering Foundation Conference on Risk Analysis of Natural and Man-Made Hazards*, Santa Barbara, California, November 8-13, 1987.
- P31. Lichtenberg, Erik, and David Zilberman. "Quantifying Toxic Risks from Agriculture," invited paper presented at the *Conference on Regional Environmental Quality and Externalities from Production Agriculture* sponsored by the Consortium for Research on Crop Production Systems, Airlie House, Virginia, January 21-22, 1988.

- P32. Zilberman, David. "Pesticide Economics," invited paper presented at the *32nd Annual Conference of Australian Agricultural Economics Society*, Melbourne, Australia, February 3, 1988.
- P33. Zilberman, David. "The Present and Future of Agricultural Resources Economics," invited paper presented at the University of Maryland Commercial Agricultural and Resource Policy Program, May 14, 1988.
- P34. Babcock, Bruce A., Erik Lichtenberg, and David Zilberman. "Estimating the Productivity of Pesticides in Controlling Yield and Quality Damage," presented at the *Annual Meeting of the American Agricultural Economics Association*, Knoxville, Tennessee, August 1-3, 1988.
- P35. Bigman, David, David Newbery, and David Zilberman. "New Approaches in Agricultural Policy Research: Discussion," paper presented at the *Annual Meeting of the American Economics Association*, Chicago, Illinois, December 28, 1987.
- P36. Just, Richard E., Erik Lichtenberg, and David Zilberman. "Joint Management of Buffer Stocks for Water and Commodities," presented at the University of Maryland *Commercial Agricultural and Resource Policy Symposium*, Baltimore, Maryland, May 4-5, 1989.
- P37. Just, Richard E., Erik Lichtenberg, and David Zilberman. "Effects of the Feed Grain and Wheat Programs on Irrigation and Groundwater Depletion in Nebraska," paper presented at the University of Maryland *Commercial Agricultural and Resource Policy Symposium*, Baltimore, Maryland, May 4-5, 1989.
- P38. Just, Richard E., Erik Lichtenberg, and David Zilberman. "Effects of Commodity Programs on Health: The Case of Tobacco," paper presented at the University of Maryland *Commercial Agricultural and Resource Policy Symposium*, Baltimore, Maryland, May 4 and 5, 1989.
- P39. Lichtenberg, Erik, Robert C. Spear, and David Zilberman. "The Economics of Re-Entry Regulation in Controlling Pesticide-Induced Illness Among Farmworkers," invited paper presented at the *Association of Environmental and Resource Economists Workshop on Estimating and Valuing Morbidity in a Policy Context*, Research Triangle, North Carolina, June, 1989.
- P40. Hanemann, Michael, Erik Lichtenberg, and David Zilberman. "Conservation Versus Cleanup in Agricultural Drainage Control," paper presented at the *Annual Meeting of the American Agricultural Economics Association*, Baton Rouge, Louisiana, July 30-August 2, 1989.

- P41. Just, Richard E., Erik Lichtenberg, and Zilberman, David. "Joint Management of Buffer Stocks of Commodities and Groundwater," paper presented at the *Annual Meeting of the American Economic Association*, Atlanta, Georgia, December 27-30, 1989.
- P42. Zilberman, David, "The Appropriate Model for the Choice of Agricultural Inputs: Primal, Dual, or Other," invited paper presented at the *Annual Meeting of the American Economics Association*, Atlanta, Georgia, December 27-30, 1989.
- P43. Zilberman, David, and Margriet Caswell. "The Management of Drainage in California," paper presented at the *Western Economics Association Meeting*, Lake Tahoe, Nevada, June 14, 1989.
- P44. Zilberman, David. "Health and Production Tradeoffs in Pesticide Regulation," paper presented at the *American Agricultural Economics Association Symposium*, Vancouver, British Columbia, August 3, 1990.
- P45. Zilberman, David. "Impacts of Environmental Considerations on Agricultural Policy Formulations," paper presented at the *American Agricultural Economics Association Symposium*, Vancouver, British Columbia, August 3, 1990.
- P46. Parker, Douglas D., and David Zilberman. "Price Transmission Across Marketing Levels in a Hedonic Framework," paper presented at the *American Agricultural Economics Association Conference*, Vancouver, British Columbia, Canada, August 1990.
- P47. Zilberman, David. "Pesticide Tradeoffs: Economic, Welfare, and Health," paper presented at the *Symposium on Economics of Reducing Pesticide Use*, Department of Agricultural and Resource Economics, University of California at Berkeley, October 26, 1990.
- P48. Zilberman, David. "The Dynamics of Regional Management of Water and Drainage," paper presented at the *International Workshop and Conference: Food Problems in Developing Countries and the Potential Contribution of R&D to their Solution*, BARD-US-Israel Agricultural Research and Development Fund, the Phillippe Monaster Center for Economics Research, and the Center for Research in Agricultural Economics, in collaboration with CINADCO-Ministry of Agriculture, Israel, December 10-13, 1990.
- P49. Zilberman, David. "Water Rights and Technology Adoption," invited paper presented at the Department of Economics, University of Chicago, April 29, 1991.
- P50. Zilberman, David, Andrew Schmitz, Ariel Dinar, and Farhed Shah. "A Water Scarcity or a Water Management Crisis?" paper presented at *Waterscapes '91: International*

Conference on Water Management for a Sustainable Environment (organized by the Government of Canada and the Canadian Water Resources Association) Saskatoon, Saskatchewan, June 2-8, 1991.

- P51. Zilberman, David. "Pesticide Policy and Regulation" (Chair of session, Contemporary Policy Issues), paper presented at *Challenges of the Changing Global Environment, Western Economic Association, 66th Annual Conference*, Seattle, June 29-July 3, 1991.
- P52. Zilberman, David. "Economics of Food Labeling" (Discussant, Individually Organized Session), paper presented at *Challenges of the Changing Global Environment, Western Economic Association, 66th Annual Conference*, Seattle, June 29-July 3, 1991.
- P53. Buschena, David E., and David Zilberman. "Risk Attitudes Over Income Under Discrete Status Levels," paper presented at the *Annual Meeting of the American Agricultural Economics Association*, Kansas State University, Manhattan, Kansas, August 4-7, 1991.
- P54. Shah, Farhed, and David Zilberman. "Environmental Degradation and Technological Change," paper presented at the *Annual Meeting of the American Agricultural Economics Association*, Kansas State University, Manhattan, Kansas, August 4-7, 1991.
- P55. Zilberman, David. "Evaluating Programs that Save Lives" (Discussant), paper presented at *Annual Meeting of the American Agricultural Economics Association*, Kansas State University, Manhattan, Kansas, August 4-7, 1991.
- P56. McWilliams, Bruce, David Zilberman, and George B. Frisvold. "Estimating Adoption Behavior From Time of Adoption Data: The Case of Computers in California," paper presented at the *Annual Meeting of the American Agricultural Economics Association*, Kansas State University, Manhattan, Kansas, August 4-7, 1991.
- P57. Zilberman, David (facilitator and speaker). *Workshop on Economics for the Conference on Urban Pesticide Spraying: Charting a Course for Public Health Protection*, Santa Monica, California, October, 2-4, 1991.
- P58. Dinar, Ariel, Anthony Fisher, and David Zilberman. "Impact of Global Climate Change on California's Agriculture," invited paper presented at the *Peder Sather Symposium on Global Change: European and American Policy Responses*, University of California at Berkeley, October 16-18, 1991.
- P59. Zilberman, David. "The Economics of Pesticide Use," paper presented at the Department of Agricultural Economics, University of Georgia, April 30, 1991; the Department of Agricultural Economics, Cornell University, May 24, 1991; the Department of

Agricultural Economics, University of Maryland, October 4, 1991; and the Department of Agricultural Economics, University of Connecticut, October 21, 1991.

- P60. Zilberman, David. "The Economics of Drainage Management," paper presented at the University of Massachusetts, October 22, 1991, and the University of California at Davis, November 21, 1991.
- P61. Zilberman, David, and Ujjayant Chakravorty. "Efficient Management of Water in Agriculture," paper presented at the *International Conference on Natural Resources and Environmental Management in an Interdependent World*, sponsored by IICA and Resources for the Future, San Jose, Costa Rica, January 22-24, 1992.
- P62. Zilberman, David. "The Economic Implications of the Sweetpotato Whitefly for Consumers, Growers, and the Farm Credit Industry," paper presented at the *Conference on The Economic Impacts of the Sweetpotato Whitefly*, University of California at Riverside, January 17, 1992.
- P63. Zilberman, David, Philip Haney, and Seung Jick Yoo. "The Impact of Energy Price Changes on Citrus Growers and California Agriculture," Report produced for the California Energy Commission, presented at the CEC Workshop, *Economic Implications of Higher Electricity Rates to Agricultural Class Customers and the Various Alternatives Available to Reduce Their Electricity Demands*, Sacramento, March 27, 1992 (Berkeley: Department of Agricultural and Resource Economics, University of California, March, 1992).
- P64. Parker, Douglas D., and David Zilberman. "Technology Transfer in Biotechnology: Evidence and Analysis," paper presented at the *Western Economic Association International Conference*, San Francisco, California, July, 1992.
- P65. Zilberman, David. "Transaction Costs and the Political Economy of Water Markets," paper presented at the *Western Economic Association International Conference*, San Francisco, California, July, 1992.
- P66. Zilberman, David (Moderator). *Chemical vs. Biological Control of Pests: An International Comparison*, Organized Symposium at the *American Agricultural Economics Association Annual Meeting*, Baltimore, Maryland, August, 1992.
- P67. Zilberman, David. "Environmental Dimensions of Grains from Trade" (subsequently retitled "Environmental Aspects of Economic Relations Between Nations"), paper presented at the *American Agricultural Economics Association Annual Meeting*, Baltimore, Maryland, August, 1992.

- P68. Zilberman, David, Ariel Dinar, Cheryl Brown, Federico Castillo, Madhu Khanna, and Neal MacDougall. "Lessons From California's Response to the Drought: On Behavior Under Uncertainty," paper presented at *Quantifying Long Run Agricultural Risks and Evaluating Farmer Responses to Risk Seminar*, University of Arizona, Tucson, September, 1992. Proceedings of a Seminar sponsored by Southern Regional Project S-232, Orlando, Florida.
- P69. Buschena, David E., and David Zilberman. "Similarity of Choices and the Performance of the Expected Utility Approach: Empirical Results," paper presented at *Quantifying Long Run Agricultural Risks and Evaluating Farmer Responses to Risk Seminar*, University of Arizona, Tucson, September, 1992. Proceedings of a Seminar sponsored by Southern Regional Project S-232, Orlando, Florida.
- P70. Zilberman, David. "Implications of Environmental/Food Safety Regulations for Agriculture," panelist at the *Agricultural, Food and Environmental Policy Interface*, Bennett Agricultural Round Table Program, sponsored by the Farm Foundation, Sacramento, California, Summer, 1992.
- P71. Zilberman, David. "Economic Implications of Higher Electricity Rates on California Agriculture," panelist at the Workshop on Assembly Bill 2236, *Economic Implications of High Electricity Rates to Agricultural Class Customers and the Various Alternatives Available to Reduce Their Electricity Demands*, sponsored by the California Energy Commission, March 27, 1992.
- P72. Zilberman, David, and Richard Howitt. "The Economics of Water Supply Restrictions: Impacts of Miller/Bradley on California Agriculture," paper presented at the Conference on Regional Water Management, *Regional Water Constraints: Physical, Institutional and Economic Differences*, Berkeley, California, October 15 and 16, 1993. Sponsored by the Department of Agricultural and Resource Economics, University of California, Berkeley; College of Natural Resources, University of California, Berkeley; the Water Resources Center, University of California, Systemwide; and the Water and Resource Economics Consortium.
- P73. Zilberman, David (Moderator). "The Economics of Water for Environmental and Recreational Purposes," paper presented at the Conference on Regional Water Management, *Regional Water Constraints: Physical, Institutional and Economic Differences*, Berkeley, California, October 15 and 16, 1993. Sponsored by the Department of Agricultural and Resource Economics, University of California at Berkeley; College of Natural Resources, University of California at Berkeley; the Water Resources Center, University of California Systemwide; and the Water and Resource Economics Consortium.

- P74. Zilberman, David. "Agricultural Water Conservation and Quantity Constraints in California," paper presented at the session, "Agricultural Water Conservation Strategies," Conference on *Regional Water Management: Regional Water Constraints: Physical, Institutional and Economic Differences*, Berkeley, California, October 15 and 16, 1993. Sponsored by the Department of Agricultural and Resource Economics, University of California at Berkeley; College of Natural Resources, University of California, Berkeley; the Water Resources Center, University of California, Systemwide; and the Water and Resource Economics Consortium.
- P75. Zilberman, David (Discussant). "The Future of Water Markets: Emerging Institutions, Shifting Paradigms, and Organizations," paper presented at the Conference on *Market Approaches to Environmental Protection*, Stanford University, December 3 and 4, 1993. Sponsored by the Center for Economic Policy Research (with the Koret Foundation and Cain Conference Fund) and the Institute for International Studies.
- P76. Zilberman, David. "Case Studies and Solutions: Economic Impacts," paper presented at the *UC Wetlands/Agricultural Workshop*, organized by the Integrated Natural Resources Workgroup and the Agricultural/Wildlife Workgroup, University of California Cooperative Extension, Santa Nella California, April 28 and 29, 1994. Sponsored by the Salinity Drainage Program, U. C., DANR Council of Deans and Directors.
- P77. Zilberman, David. "Emergency Response vs. Preparedness: Opportunity for Change," discussant at the conference, *Drought Management in a Changing West: New Directions for Water Policy*, Portland, Oregon, May 11-13, 1994. Sponsored by the Western Regional Climate Center, Desert Research Institute; West National Technical Center, Soil Conservation Service/USDA; International Drought Information Center, University of Nebraska-Lincoln; Western States Water Council; Institute for Water Resources, Corps of Engineers; Bureau of Reclamation, Department of Interior; Climate Analysis Center, NOAA; and the High Plains Climate Center, University of Nebraska, Lincoln.
- P78. Buschena, David E., and David Zilberman. "Testing the Effects of Similarity on Risky Choice Utility," paper presented at the session "Information and Uncertainty," The 69th Annual Conference of the Western Economic Association International, *Markets and the Environment*, Vancouver, B.C., June 29-July 3, 1994.
- P79. McWilliams, Bruce, and David Zilberman. "Learning by Using and Technology Adoption," paper presented at the session "Economics of Technology Adoption in Agriculture," *1994 Annual Meeting of the American Agricultural Economics Association, Western Agricultural Economics Association, and Association of Environmental and Resource Economists*, San Diego, California, August 7-10, 1994.

- P80. Zilberman, David (Moderator). Session: "Welfare Economics Applications: Property Rights and Animal Health." *1994 Annual Meeting of the American Agricultural Economics Association, Western Agricultural Economics Association, and Association of Environmental and Resource Economists*, San Diego, California, August 7-10, 1994.
- P81. Parker, Douglas D., and David Zilberman. "The Distributional Effects of Private Sector R&D Management: In-House and at Public Institutions," paper presented at the session on U. S. Agricultural Policy, *1994 Annual Meeting of the American Agricultural Economics Association, Western Agricultural Economics Association, and Association of Environmental and Resource Economists*, San Diego, California, August 7-10, 1994.
- P82. Zilberman, David (Speaker). *Who Owns the Water? A Look at the Middle East Water Crisis*, Council Program, World Affairs Council of Northern California, September 11, 1994.
- P83. Zilberman, David, and Terry Roe (Discussants). "The Political Economy of Water Allocation: Lobbying, Negotiations and Other Game-Theoretic Approaches," paper presented at the *International Conference on Coordination and Decentralization in Water Resource Management*, October 3-6, 1994. Sponsored by the Center for Agricultural Economic Research and the Department of Agricultural Economics and Management, the Hebrew University of Jerusalem; Center for International Food and Agricultural Policy, University of Minnesota; and the Water Resources Economics Consortium with the Brian Y. Davidson Center for Agribusiness, the Jerusalem School of Business Administration; the Binational Agricultural Research and Development Fund (BARD); Ministry of Foreign Affairs, Center for International Cooperation (MASHAV); and Ben-Gurion University of the Negev, Rehovot, Israel.
- P84. Zilberman, David. "Environmental Qualities and Environmental Policies," paper presented at the *International Conference on Coordination and Decentralization in Water Resource Management*, October 3-6, 1994. Sponsored by the Center for Agricultural Economic Research and the Department of Agricultural Economics and Management, the Hebrew University of Jerusalem; Center for International Food and Agricultural Policy, University of Minnesota; and the Water Resources Economics Consortium with the Brian Y. Davidson Center for Agribusiness, the Jerusalem School of Business Administration; the Binational Agricultural Research and Development Fund (BARD); Ministry of Foreign Affairs, Center for International Cooperation (MASHAV); and Ben-Gurion University of the Negev, Rehovot, Israel.
- P85. Zilberman, David. "Coordinated Approaches to Trade and Environment Policy in the Pacific Basin: Initial Results for Mexico, A Comment," paper presented at the *International Conference on Economic Development and Cooperation in the Pacific Basin*, Berkeley, California, June 30-July 1, 1995.

- P86. Zilberman, David. "Legislating Reductions in Pesticide Use: Universal Paradigm or Silly Idea?" paper presented at the *Annual Meeting of the American Agricultural Economic Association*, Indianapolis, Indiana, August 6-9, 1995.
- P87. Hamilton, Steve, David Sunding, and David Zilberman. "Voting on Environmental Health Risks," paper presented at the *Annual Meeting of the American Agricultural Economic Association*, Indianapolis, Indiana, August 6-9, 1995.
- P88. Zilberman, David, Gareth Green, and David Sunding. "The Effects of Land Allocation, Soil Quality, and Water Cost on Irrigation Technology Adoption," paper presented at the *Annual Meeting of the American Agricultural Economic Association*, Indianapolis, Indiana, August 6-9, 1995.
- P89. Zhao, Jinhua, and David Zilberman. "Endogenous Investment, Restoration and Nature of Irreversibility," paper presented at the *Annual Meeting of the American Agricultural Economic Association*, Indianapolis, Indiana, August 6-9, 1995.
- P90. Zilberman, David. "Workshop Wrap-up," presented at the conference on *Privatization of Technology and Information Transfer in U.S. Agriculture: Research and Policy Implications*, Madison, Wisconsin, October 25 and 26, 1995.
- P91. Zilberman, David, Madhu Khanna, and Leslie Lipper. "Economics of Sustainable Agriculture," paper presented at the *40th Annual Conference of the Australian Agricultural and Resource Economics Society*, Melbourne, Australia, February 11-16, 1996.
- P92. Zilberman, David (Organizer of session). "Geographic Information Systems and Environmental Policy Analysis," paper presented at the *71st Annual Western Economic Association International Conference*, San Francisco, California, June 28-July 2, 1996.
- P93. Babcock, Bruce, P. G. Lakshminarayan, JunJie Wu, and David Zilberman. "The Economics and Environmental Impact of the CRP," paper presented at the *71st Annual Western Economic Association International Conference*, San Francisco, California, June 28-July 2, 1996.
- P94. Zilberman, David, David Sunding, Gordon Rausser, and Alan Marco. "What Happens After a Pesticide Is Banned?" paper presented at the *71st Annual Western Economic Association International Conference*, San Francisco, California, June 28-July 2, 1996.

- P95. Khanna, Madhu, and David Zilberman. "Precision Technology and Nonpoint Pollution Control," paper presented at the *Annual Meeting of the American Agricultural Economics Association*, San Antonio, Texas, July 28-31, 1996.
- P96. Zilberman, David. "Pesticide Use and Regulation: Making Economic Sense Out of an Externality and Regulation Nightmare," paper presented at the *Annual Meeting of the American Agricultural Economics Association*, San Antonio, Texas, July 28-31, 1996.
- P97. Dumas, Chris, and David Zilberman (Organizers of session). Free Session: "Using the World Wide Web to Teach Agricultural, Resource and Environmental Economics: A Set of Tools and Experiences to Get You Started," paper presented at the *Annual Meeting of the American Agricultural Economics Association*, San Antonio, Texas, July 28-31, 1996.
- P98. Zilberman, David. "Agriculture, Technology, and Rural Development," paper presented at the *Annual Meeting of the Federal Reserve System Committee on Agriculture and Rural Development*. Sponsored by the Federal Reserve Bank of St. Louis, St. Louis, Missouri, October 3 and 4, 1996.
- P99. Zilberman, David. "The Economics of Precision Agriculture," paper presented at the *Workshop on Remote Sensing of Agriculture in the 21st Century*. Sponsored by NASA, National Institute for Global Environmental Change, and the College of Agriculture at UC Davis, Davis, California, October 23-25, 1996.
- P100. Zilberman, David. "Agricultural and Resource Economics Works on Risks," paper presented at the *University of California Risk Workshop*, Berkeley, California, October 31-November 1, 1996.
- P101. Zilberman, David, Madhu Khanna, and Leslie Lipper. "Economics, Technology, and Sustainability," paper presented at the *World Food Summit*, Rome, Italy, November 13-17, 1996. Sponsored by the Food and Agriculture Organization of the United Nations.
- P102. Zilberman, David. "The Economics of Improved Irrigation Technologies," paper presented at the *California Irrigation Institutes 35th Annual Meeting*, Fresno, California, January 29, 1997.
- P103. Zilberman, David, and Amir Heiman. "Money-Back Guarantees as Options," paper presented at the *1997 INFORMS Marketing Science Conference*, Berkeley, California, March 21-24, 1997. For more details, see <http://www.haas.berkeley.edu/~market/CONFERENCE/SESSIONS/sa1.6.html>.

- P104. Zilberman, David, and Amir Heiman. "The Value of Economic Research," paper presented at the conference on *Measuring the Benefits of Policy-Oriented Social Science Research*, Washington, D. C., April 4 and 5, 1997. Sponsored by the International Food Policy Research Institute (IFPRI).
- P105. Zilberman, David. "The Problems of Pesticide Regulation—The Dilemma Associated with Safe and Plentiful Food," paper presented at the *2nd Seminar on Environmental and Resource Economics*, Girona, Spain, May 19-20, 1997.
- P106. Khanna, Madhu, Katti Millock, and David Zilberman. "Sustainability, Technology, and Incentives," paper presented at *Flexible Incentives for the Adoption of Environmental Technologies in Agriculture*, University of Florida, Gainesville, Florida, June 8-10, 1997.
- P107. Zilberman, David. "Capital, the Human's Edge," paper presented at the *72nd Annual Conference of the Western Economic Association International*, Seattle, Washington, July 9-13, 1997.
- P108. Khanna, Madhu, and David Zilberman. "Agricultural Policies, Precision Farming, and Environmental Protection," paper presented at the *Annual Meeting of the American Agricultural Economics Association*, Toronto, Canada, July 27-30, 1997.
- P109. Zilberman, David. "Evaluating Social Science Research: Benefits and Costs," paper presented at the *Annual Meeting of the American Agricultural Economics Association*, Toronto, Canada, July 27-30, 1997.
- P110. Zilberman, David. "Results from the AAEA Survey and Data Task Force," paper presented at the *Annual Meeting of the American Agricultural Economics Association*, Toronto, Canada, July 27-30, 1997.
- P111. Zhao, Jinhua, and David Zilberman. "Timing of Technology Adoption and Empirical Test of Real Option Theory," paper presented at the *Annual Meeting of the American Agricultural Economics Association*, Toronto, Canada, July 27-30, 1997.
- P112. Zilberman, David. "New Approaches for the Management of Natural Resources," paper presented at the *Annual Meeting of the American Agricultural Economics Association*, Toronto, Canada, July 27-30, 1997.
- P113. Zilberman, David, Cherisa Yarkin, and Amir Heiman. "Agricultural Biotechnology: Economic and International Implications," paper presented at the *XXIII International Conference of Agricultural Economists, "Food Security, Diversification, and Resource Management: Refocusing the Role of Agriculture?",* Sacramento, California, August 10-16, 1997.

- P114. Zilberman, David. "Intellectual Property Rights, Technology Transfer and Genetic Resource Utilization," paper presented at *International Conference on Building the Basis for Economic Analysis of Genetic Resources in Crop Plants*, August 17-19, 1997. Sponsored by International Maize and Wheat Improvement Center (CIMMYT) and Stanford University, Palo Alto, California.
- P115. Zilberman, David. "Biotechnology in Agriculture: Its Potential and Problems," *MSU Department of Agricultural Economics Distinguished Speaker Presentation*, Department of Agricultural Economics, Michigan State University, East Lansing, Michigan, October, 1997. For more details, see http://www.sas.upenn.edu/African_Studies/Newsletters/tues_101497.html
- P116. Zilberman, David. "Agricultural Biotechnology: Economic and International Implications," paper presented at *the James S. and Dorothy Wershow Distinguished Lecture Series*, University of Florida, Gainesville, Florida, February 19, 1998.
- P117. Zilberman, David, Brent Hueth, and Dan Cohen. "Non-Predator Vertebrate Pest Damage in California Agriculture: An Assessment of Economic Impacts in Selected Crops," paper presented at the *Eighteenth Annual Vertebrate Pest Conference*, Costa Mesa, California, March 2-5, 1998.
- P118. Zilberman, David (Moderator of Session). "Aggregate Production and Productivity Analysis," *Annual Meetings of the American Agricultural Economics Association*, Salt Lake City, Utah, August 2-5, 1998.
- P119. Zilberman, David. "Implications of the Social Capital Paradigm," paper presented at the *Annual Meeting of the American Agricultural Economics Association*, Salt Lake City, Utah, August 2-5, 1998.
- P120. Zilberman, David (Panelist). "The Process of Innovation," panel held at the conference on *R&D Investment and Economic Growth in the 20th Century* sponsored by Haas Business School, University of California, Berkeley, March 26-28, 1999. For more details, see <http://aghistory.ucdavis.edu/UCGroupPage.htm>.
- P121. Zilberman, David. "Comments on South Florida Development," presented at the conference on *Integrating Agricultural and Ecological Solutions in South Florida*, West Palm Beach, Florida, April 28-29, 1999. For more details, see <http://www.sfrestore.org/sct/agworkshop/intag.htm>.
- P122. Zilberman, David, and Michael Chai. "Global Technical Change and the Poor, speakers at the conference on *Openness, Macroeconomic Crises and Poverty: A Dialogue and*

Consultation on WDR 2000/01, Kuala Lumpur, Malaysia, May 10-12, 1999. For more details, see <http://www.worldbank.org/poverty/wdrpoverty/malaysia/papers.htm>.

- P123. Zilberman, David, Louis Bucklin, and Amir Heiman. "Transaction Risk in Leasing Durable Goods," paper presented at the *Marketing Science Conference: A Time of Reflection and Renewal*, School of Management, Syracuse, New York, May 20-23, 1999. For more details, see http://sominfo.syr.edu/informs/saturday_sessions.html.
- P124. Zilberman, David. "Climate Change and Agriculture," paper presented at the *3rd Toulouse Conference on Environment and Resource Economics*, Toulouse, France, June 14-16, 1999.
- P125. Zilberman, David, Cherisa Yarkin, and Amir Heiman. "Knowledge Management and the Economics of Agricultural Biotechnology," paper presented at the *International Consortium on Agricultural Biotechnology Research*, Rome, Italy, June 17-18, 1999, and Ravello, Italy, June 19, 1999.
- P126. Zilberman, David. "Future Directions in Water Resource Management," keynote paper presented at the *Universities Council on Water Resources 1999 Annual Meeting and International Water and Resource Economics Consortium 6th Biennial Meeting and Co-Sponsored by the International Water Resources Association*, Kamuela, Hawaii, June 29-July 2, 1999. For more details, see <http://www.soest.hawaii.edu/csf/kbac/d1999-07-06.html>.
- P127. Zilberman, David. "Applications to Resources, Biotech, and the Environment," paper presented at a *Pre-AAEA Conference Workshop on Social Capital: A New Paradigm for an Increasingly Diverse Profession*, Nashville, Tennessee, August 7, 1999. For more details, see <http://www.ssc.msu.edu/~internat/soccap/AAEAworkshop.html>.
- P128. Zilberman, David. "The Role of Economic Research in the Evolution of International Biotechnology," paper presented at the conference on *the Agricultural Biotechnology in Developing Countries: Towards Optimizing the Benefits for the Poor*, Bonn, Germany, November 15-16, 1999.
- P129. Zilberman, David. "Water and Economy," major paper presented at the *Water, Mankind, and the Future 2nd International Symposium on Water*, Cannes, France, May 29-31, 2000.
- P130. Zilberman, David. "Economic Considerations in Designing Water Systems for Arid Zones," keynote paper presented at the *Conference on Water and the Environment: Resolving Conflicts in the Development of Drylands Water*, Ben-Gurion University, Beer-Sheva, Israel, June 4-7, 2000.

- P131. David Zilberman. "Climate Change and the Reduction of Input Costs," paper presented at the *Seventh Annual "Farming for Profit" Moose Jaw Convention and Jamboree*, Moose Jaw, Saskatchewan, Canada, June 18-20, 2000.
- P132. Zilberman, David, and Margaret Caswell. "An Economic Analysis of Algoculture," paper presented at *The Tenth Biennial Conference of the International Institute of Fisheries Economics & Trade*, Department of Agricultural and Resource Economics, Oregon State University, Corvallis, Oregon, July 10-14, 2000. For more details, see <http://www.orst.edu/dept/IIFET/2000/speakersz.html>.
- P133. Zilberman, David, and David Buschena. "Generalized Expected Utility, Heteroscedastic Error, and Path Dependence in Risky Choice," paper presented at the *Econometric Society World Congress*, Seattle, Washington, August 12, 2000. For more details, see <http://www.nuff.ox.ac.uk/users/doornik/eswc2000/a/0100.html>.
- P134. Zilberman, David, "On the Theory and Practice of Environmental Economics," paper presented at *Heartland Environmental and Resource Economics Symposium*, Ames, Iowa, September 17-18, 2000.
- P135. Zilberman, David. "The Economics of Climate Change," paper presented at conference on *Carbon Sequestration and Climate Change: The Science and the Policy*, Sproul Room, International House, University of California, Berkeley, March 23, 2000.
- P136. Sunding, David, Mark Metcalfe, and David Zilberman. "Risk Management and the Environment," paper presented at *SERA-IEG-31 Annual Meeting, Economics and Management of Risk in Agriculture and Natural Resources: A Comprehensive Assessment of the Role of Risk in U.S. Agriculture*, Gulf Shores State Park Resort, Gulf Shores, Alabama, March 22 and 23, 2001.
- P137. Zilberman, David, and Jennifer Alix. "Industrial Organization and Pest Dynamic Considerations in Agricultural Pest Resistance Management," paper presented at the *Resources for the Future Workshop on Pesticides Resistance*, Airlie House, Virginia, April 6, 2001.
- P138. Zilberman, David. "Information Technology and the Evolution and Structure of Agriculture," paper presented at the *Symposium on the Impacts of E-commerce and Information Technology on Global Agricultural Markets*, Waugh Auditorium, Economic Research Service, Washington, D. C., May 29 and 30, 2001. For more details, see <http://www.farmfoundation.org/e-commerce.htm>

- P139. Zilberman, David, and David Sunding. "Water Conservation Policy and the Yield Effect of Modern Irrigation Technologies," paper presented at the *7th Conference of the International Water Economic Resources Consortium*, Girona, Spain, June 3-5, 2001.
- P140. Zilberman, David. "Conservation Capital and Sustainable Economic Growth," paper presented at the *76th Annual Western Economic Association International Conference*, San Francisco, California, July 4-8, 2001.
- P141. Zilberman, David. "Implications of the Nonmarket Functions of Agricultural for Modeling and Data Collection," paper presented at the *76th Annual Western Economic Association International Conference*, San Francisco, California, July 4-8, 2001.
- P142. Hellegers, Petra, David Zilberman, and E. C. Van Ierland. "Dynamics of Agricultural Groundwater Extraction," paper presented at the *AAEA and CAES Annual Meeting*, Chicago, Illinois, August 5-8, 2001.
- P143. Zilberman, David. "Food Safety Policies: Science Versus Beliefs," paper presented at the *2nd World Congress of Environmental and Resource Economists*, Monterey, California, June 24-27, 2002.
- P144. Zilberman, David. "A Clearinghouse to Improve the Productivity of Intellectual Property Rights," paper presented at the *AAEA and WAEA Annual Meeting*, The Hyatt Regency, Long Beach, California, July 28-31, 2002.
- P145. Zilberman, David, and Karina Schoengold. "Water and Development: The Importance of Irrigation in Developing Countries," paper presented at the *Bretton Woods Conference on Agricultural Producers and Productivity*, Bretton Woods, New Hampshire, September 29-October 1, 2002.
- P146. Zilberman, David. "Creating Incentives for Sustainable Water Use," paper presented at the *Mountains: Sources of Water, Sources of Knowledge Scientific Conference*, Sion, Switzerland, October 8-11, 2002.
- P147. Zilberman, David. "The Economics of Climate Change in Agriculture," paper presented at the *International Conference on Climate Change and Environmental Policy*, University of Illinois at Urbana-Champaign, Urbana, Illinois, November 11-12, 2002.
- P148. Zilberman, David. "Biodiversity, Biotechnology and Intellectual Property Rights," paper presented at *Allied Social Science Associations Annual Meetings*, Washington, D. C., January 3-5, 2003.

- P149. Zilberman, David. "The Economics of Land Zoning: A Dynamic Approach," paper presented at *Workshop on Equilibrium Modeling Approaches at the Boundaries of Industrial Organization, Public Economics, and Environmental Economics*, Stanford University, Palo Alto, California, February 28-March 1, 2003.
- P150. Zilberman, David. "The Role of Information," paper presented at *Performance-Based Environmental Policies for Agriculture Workshop*, Waugh Conference Center, USDA Economic Research Service, Washington, D. C., March 20-21, 2003.
- P151. Zilberman, David. "Sustainable Management of Water," paper presented at conference sponsored by Cal Fed and Chico State University on the *Economic Value of Environmental Resources: General Methodology and Case Studies*, Chico State University, Chico, California, April 25, 2003.
- P152. Zilberman, David. "An Integrated, Multi-Dimensional, Risk-Management Approach to Controlling Invasive Species," paper presented at *Economics of Invasive Species Workshop*, Washington, D. C., May 12-13, 2003.
- P153. Zilberman, David, Greg Graff, David Roland-Holst. "Agricultural Biotechnology and Globalization: How Will Public-Private Partnerships Evolve?" paper presented at the *Environmental Costs and Benefits of Transgenic Crops in Europe: Frontis Workshop*, Wageningen University, Holland, June 1-4, 2003.
- P154. Zilberman, David. "Agricultural Economics: Still a Distinct Field?" paper presented at the *AAEA • RSS • CAES Annual Meeting*, Montreal, Canada, July 27-30, 2003. Co-Sponsored by the Association of Environmental and Resource Economists.
- P155. Zilberman, David. "The Economic Impact of Climate Change," paper presented at Symposium *AAEA • RSS • CAES Annual Meeting*, Montreal, Canada, July 27-30, 2003. Co-Sponsored by the Association of Environmental and Resource Economists.
- P156. Zilberman, David. "Agricultural Development Retrospective," paper presented at *The 25th International Conference of Agricultural Economists Reshaping Agriculture's Contributions to Society*, International Centre, Durban, South Africa, August 16-22, 2003.
- P157. Zilberman, David. "Water Reforms, Institutions' Performance, Allocation, Pricing, and Resource Accounting," paper presented at *The 25th International Conference of Agricultural Economists Reshaping Agriculture's Contributions to Society*, International Centre, Durban, South Africa, August 16-22, 2003.

- P158. Zilberman, David. "Productivity, Access, and Risk: The Keys to Biotechnology in Developing Countries," keynote paper presented at the *Heartland Environmental and Resource Economics Workshop*, Scheman Building, Iowa State Center, Ames, Iowa, September 21-22, 2003.
- P159. Zilberman, David, Nicholas Brozovik, and David Sunding. "Measuring the Gains from Groundwater Management When User Cost Varies Over Space," paper presented at the *Heartland Environmental and Resource Economics Workshop*, Scheman Building, Iowa State Center, Ames, Iowa, September 21-22, 2003.
- P160. Schoengold, Karina, and David Zilberman. "Economics of Water Quality and Agriculture," paper presented at an *OECD Expert Meeting*, Gyeongju, The Republic of Korea, October, 2003.
- P161. Zilberman, David. "Economic Implications of Ag Biotechnology in a Regulated Economy and Subsidized Agriculture," paper presented at *the Norwegian Study Tour: Novel Foods, Functional Foods, Nutraceuticals, GM Foods*, University of California, Davis, California, October 23-24, 2003.
- P162. Zilberman, David. "Agricultural Biotechnology: Productivity, Biodiversity, and Intellectual Property Rights," paper presented at a conference on *The Role of GMOs in Trade Disputes*, The Menger Hotel, San Antonio, Texas, October 30-31, 2003.
- P163. Cash, Sean, David Sunding, and David Zilberman. "Health Tradeoffs in Pesticide Regulation," paper presented at the *Agricultural Institute of Canada Foundation Conference: From the Farm Gate to the Dinner Plate*, The Westin Edmonton, Edmonton, Alberta, November 2-4, 2003.
- P164. Zilberman, David. "Improving Agriculture's Global Competitiveness and Profitability," keynote paper presented at *Positioning Agricultural and Resource Economics: From Priorities to Action*, San Antonio, Texas, November 6, 2003.
- P165. Zilberman, David, "Yield Effects of Genetically Modified Crops in Developing Countries," paper presented at the *Transgenics and the Poor: Science, Regulation and Development Strategy*, McManus Lounge, Hollister Hall, Cornell University, Ithaca, New York, November 7-8, 2003.
- P166. Zilberman, David, "The Evolution of Water Institutions and Policies," paper presented at the *Economics of Water and Agriculture: An International Workshop in Honor of Professor Yoav Kislev*, The Hebrew University of Jerusalem, Jerusalem, Israel, December 18, 2003.

- P167. Zilberman, David. "Precision Farming in Cotton in California in Decision Aids: Tomorrow's Solutions Today's Cotton," paper presented at the *Beltwide Cotton Conference*, San Antonio, Texas, January 5, 2004.
- P168. Zilberman, David. "Global Trends in Agricultural Technology and Their Impact for Outward Oriented Developing Countries," paper presented at the *Conference on Vietnam's International Economic Integration—Opportunities and Challenges*, Melia Hanoi Hotel, Hanoi, Vietnam, March 29-30, 2004.
- P169. Zilberman, David. "New Waves of Information Technology," paper presented at *Workshop on Economic Opportunities for Information Technologies in Agriculture, Resources, and the Environment: Linking University Research and Commercial Application*, Faculty Club, University of California, Berkeley, California, May 27, 2004.
- P170. Zilberman, David. "Economics of Water Quality," paper presented at *ZEW Summer Workshop: The Management of Global Commons*, Mannheim, Germany, June 21-23, 2004.
- P171. Zilberman, David. "Water Supply, Water Technology and the Environment," paper presented at *ZEW Summer Workshop: The Management of Global Commons*, Mannheim, Germany, June 21-23, 2004.
- P172. Zilberman, David. "The Effects of Market Structure on Pest Resistance Buildup," paper presented at *Annual Meeting of the American Agricultural Economics Association*, Denver, Colorado, August 1-4, 2004.
- P173. Zilberman, David (Discussant). "Media, Information and Consumer Choice," principal paper presented at *Annual Meeting of the American Agricultural Economics Association*, Denver, Colorado, August 1-4, 2004.
- P174. Zilberman, David. "The Evolution of Water Institutions," keynote speaker at *International Symposium on Water and Sustainable Development*, Justus-Liebig University, Giesen, Germany, October, 2004.
- P175. Zilberman, David (Discussant). "Effects of Ozone in Ambient Air," comments made at *Workshop on Representations of Dose-Response Relationships for Chemicals Associated with Non-Cancer Effects and Their Policy Implications*, Jack London Waterfront Plaza Hotel, Oakland, California, January 27-28, 2005.
- P176. Alston, Julian, Richard Just, and David Zilberman. "What We Have Learned and Where Do We Go from Here," paper presented at the *Conference on the Economics of*

Regulation of Agricultural Biotechnologies, Annual Meeting of NC-1003, Washington D. C., March 10-12, 2005.

- P177. Zilberman, David. "Emerging Issues in Agricultural Innovation," paper presented at the *Canadian Agricultural Innovation Research Network Workshop*, Calgary, Alberta, March 18-19, 2005.
- P178. Zilberman, David. "Incentives and Market Mechanisms for Adoption," paper presented at workshop, *Energy and Sustainable Growth in California: New Horizons for Innovation and Adoption*, sponsored by CSRD and Giannini Foundation, University of California Berkeley, City Club of Berkeley, Berkeley, California, April 22, 2005.
- P179. Zilberman, David. "Economics of Environmental Services: The Limits of Incentives," paper presented at conference, *A New Currency for Conservation: Markets and Payments for Ecosystem Services from Our Nation's Forests and Farms Featuring Special Sessions on Conservation Incentives for Southern Forestlands*, Phoenix Park Hotel, Washington, D. C., May 18-20, 2005.
- P180. Zilberman, David. "Targeting Environmental Services Payment for Poverty Alleviation," paper presented at FAO Workshop, *Environmental Services for Poverty Reduction and Food Security*, Lebanon Room, FAO, Rome, Italy, May 30-31, 2005.
- P181. Zilberman, David. "Technology, Innovation, and Entrepreneurship," paper presented at Summer Certificate Course, *Sustainable Development and Environmental Management*, St. Petersburg State University, Petergoff Campus, June 2-12, 2005.
- P182. Zilberman, David. "Principles of Environmental Policymaking," paper presented at Summer Certificate Course, *Sustainable Development and Environmental Management*, St. Petersburg State University, Petergoff Campus, June 2-12, 2005.
- P183. Zilberman, David. "Marketing," paper presented at workshop, *Can New Products and New International and Domestic Marketing Channels Increase Rural Incomes? Ideas, Models, and Evidence*, Sonoma, California, June 18, 2005.
- P184. Zilberman, David. "Rural Development, Public Goods, and the West," paper presented at workshop, *Can New Products and New International and Domestic Marketing Channels Increase Rural Incomes? Ideas, Models, and Evidence*, Sonoma, California, June 18, 2005.
- P185. Zilberman, David. "Economics of Water," keynote paper presented at the conference on *Business of Water: Problems and Solutions*, Charlton College of Business, University of Massachusetts, Dartmouth, Massachusetts, May 12, 2006.

- P186. Zilberman, David. "Water Resource Management and the Poor," keynote paper presented at the *International Conference on Economics of Poverty, Environment and Natural Resource Use*, Wageningen University, Wageningen, The Netherlands, May 18, 2006.
- P187. Zhao, Jinhua, and David Zilberman. "Optimal Land Conversion under Agricultural and Environmental Uncertainties," paper presented at the *AAEA 2006 Annual Meeting*, Long Beach, California, July 24, 2006.
- P188. Brozovic, Nicholas, David Sunding, and David Zilberman. "On the Spatial Nature of the Groundwater Pumping Externality," selected paper presented at the *AAEA 2006 Annual Meeting*, Long Beach, California, July 25, 2006.
- P189. Cash, Sean, and David Zilberman. "Food Insecurity, Food Storage, and Obesity," selected paper presented at the *AAEA 2006 Annual Meeting*, Long Beach, California, July 25, 2006.
- P190. Zilberman, David. "Economic Instruments for the Conservation and Payment of Environmental Services: Lessons Learned in the Fields," invited paper presented at the *Workshop on Payment for Environmental Services in the Urban Setup*, Auditorio CONCYTEC, Lima, Peru, August 25, 2006.
- P191. Zilberman, David. "Preserving the Valley, Lurin, Peru," invited paper presented at the *Workshop on Payment for Environmental Services in the Urban Setup*, Auditorio CONCYTEC, Lima, Peru, August 25, 2006.
- P192. Zilberman, David. "The Transition from Agricultural Economics to Agribusiness," *Seminar for the Federal Agricultural Economists Group*, CREES, Washington, D. C., September 18, 2006.
- P193. Zilberman, David. "Integrating Location Theory with Risk Management for Invasive Management," paper presented at the *Farm Foundation and USDA Economic Research Service Workshop on the Program of Research on the Economics of Invasive Species Management*, Raleigh/Durham, North Carolina, October 19-20, 2006.
- P194. Zilberman, David, Holly Ameden, and Sean Cash. "Invasive Species Management: Border Enforcement, Location, Theory, and Risk," paper presented at the Bren School of Environmental Science and Management, *9th Occasional California Workshop on Environmental and Natural Resource Economics*, UC Santa Barbara, November 3-4, 2006.
- P195. Zilberman, David, Yanhong Jin, and Amir Heiman. "Adoption and the Management of

Fit Risk: Ag Economist Journey to Marketing,” Seminar at the Haas Business School, UC Berkeley, November 9, 2006.

- P196. Zilberman, David. “Measuring Support of Water in Agriculture,” invited paper presented at the *OECD: Expert Meeting on Measuring Agricultural Water Subsidies and Sustainable Agricultural Water Use*, Paris, France, December 11-12, 2006.
- P197. Zilberman, David. “The Intersection of Energy and Agriculture: Biofuel and New Technology,” paper presented at the Energy Biosciences Institute *Campus-Lab Forum*, 145 Dwinelle, UC Berkeley, March 19, 2007.
- P198. Zilberman, David. “Trends in the Regulation of Genetically Modified Organisms and Bioenergy Production,” invited paper presented at a *Workshop on the Future of Environmental Policy in Mexico: Growing Green*, Institute Nacional de Ecologia, Mexico City, Mexico, April 26, 2007.
- P199. Zilberman, David, Steve Sexton, Gal Hochman, Deepak Rajagopal, and David Roland-Holst. “The Intersection of Energy and Agriculture: Biofuel and New Technology,” paper presented at University of Illinois, Champaign-Urbana, Illinois, May 18, 2007.
- P200. Zilberman, David. “Food Safety, Invasive Species, and Agricultural Trade Restrictions,” paper presented at *Pre-AAEA Conference on Brainstorming Workshop on Political Economy of Distortions to Agricultural Incentives*, Portland, Oregon, July 29, 2007.
- P201. Zilberman, David. “Water Trading in an Era of Increasing Energy Prices,” paper presented at *Applied Economics for Global Issues AAEA – WAEA – CAES Joint Annual Meeting*, Portland, Oregon, July 30, 2007.
- P202. Serra, Teresa, David Zilberman, and José M. Gil. “Differential Uncertainties and Risk Attitudes between Conventional and Organic Producers: The Case of Spanish COP Farmers,” selected paper presented at *Applied Economics for Global Issues AAEA – WAEA – CAES Joint Annual Meeting*, Portland, Oregon, July 31, 2007.
- P203. Ameden, Holly, Sean B. Cash, and David Zilberman. “Invasive Species Management: Importers, Border Enforcement, and Risk,” selected paper presented at the *Applied Economics for Global Issues AAEA – WAEA – CAES Joint Annual Meeting*, Portland, Oregon, July 31, 2007.
- P204. Vickers, D. Angele, Sean B. Cash, Holly Ameden, and David Zilberman. “An Agent-Based Model of Border Enforcement for Invasive Species Management,” selected paper presented at the *Applied Economics for Global Issues AAEA – WAEA – CAES Joint Annual Meeting*, Portland, Oregon, July 31, 2007.

- P205. Serra, Teresa, David Zilberman, and José M. Gil. “An Investigation of the Effects of Decoupling on Farms’ Technical Inefficiencies,” selected paper presented at *Applied Economics for Global Issues AAEA – WAEA – CAES Joint Annual Meeting*, Portland, Oregon, July 31, 2007.
- P206. Zilberman, David. “The Distributional Effects of Payments for Environmental Services Programs,” paper presented at *Applied Economics for Global Issues AAEA – WAEA – CAES Joint Annual Meeting*, Portland, Oregon, July 31, 2007.
- P207. Zilberman, David. “Water Management Is an Energy Problem: Mixing Water with Oil,” paper presented at the *Berkeley Conference on Intersection of Energy and Agriculture: Implications of Biofuels and the Search for a Fuel of the Future*, UC Berkeley, October 4-5, 2007.
- P208. Zilberman, David, Steve Sexton, Gal Hochman, Deepak Rajagopal, and David Roland-Holst. “The Intersection of Energy and Agriculture: Biofuel and New Technology,” paper presented at *Applied Economics and Management Seminars*, Cornell University, Ithaca, New York, October 15, 2007 <http://vivo.cornell.edu/individual/vivo/individual32393>.
- P209. Zilberman, David. “Water, the Environment, and California’s Agriculture,” paper presented at the *Cal-Med Sonoma Workshop on Market Organization, Resources and Finance in Mediterranean Crops*, Sonoma, California, October 25, 2007.
- P210. Zilberman, David. “Technology Adoption and Competitiveness in Agriculture,” keynote paper presented at the *University of Copenhagen Workshop on Innovation and Technology Adoption in Danish Agriculture*, Copenhagen, Denmark, November 8, 2007.
- P211. Zilberman, David. “Fuel vs. Food: What Role for Bioenergy?,” paper presented at the *European Environment Agency Conference on Innovation and Technology Adoption Seminar (Institute of Food and Resource Economics)*, Copenhagen, Denmark, November 9, 2007.
- P212. Zilberman David. “The Economic of Assessing Water Stress,” *Workshop on Indicators Development. An Approach of the Aqua Stress Project*, Basel, Switzerland, November 12, 2007.
- P213. Zilberman, David. “The Theory and Main Policy Issues of Water Pricing in Agriculture—Taking into Account Economic and Environmental Aspects?” *OECD Expert Meeting on Sustainable Financing for Affordable Water Services: From Theory to Practice*, Paris, France, November 14-15, 2007.

- P214. Zilberman, David. "Market Uncertainty and Animal Health," paper presented at the *Pro-Poor Policy Options for Control of Highly Pathogenic Avian Influenza (HPAI) in Africa and Southeast Asia Workshop*, Chiang Mai, Thailand, December 13, 2007.
- P215. Zilberman, David. "Incorporating Price Responsiveness into Environmental Lifecycle Assessment," paper presented at the Farm Foundation and USDA's Office of Energy Policy and New Uses and USDA's Global Change Program Office *Conference on the Lifecycle Carbon Footprint of Biofuels*, Miami, Florida, January 29, 2008.
- P216. Zilberman, David, and Deepak Rajagopal. "What Are the Economics of 1st Generation Biofuel Feedstock Production?" paper presented at FAO of the United Nations *Expert Meeting on Bioenergy Policy, Markets and Trade and Food Security*, Rome, Italy, February 18-20, 2008.
- P217. Zilberman, David. "Biofuels: A Challenge to Economics Research," paper presented at *NC-1034 Impact Analysis and Decision Strategies for Agricultural Research symposium on Energy and Agriculture: Emerging Policy and R&D Issues*, Washington, D. C., March 7-8, 2008.
- P218. Zilberman, David, Thomas Sproul, and David Roland-Holst. "The Economics of Managing Animal Disease," paper presented at *SCC-76 Annual Meeting, Economics and Management of Risk in Agriculture and Natural Resources*, Perdido Beach, Alabama, March 15, 2008.
- P219. Zilberman, David. "Energy Costs and Biofuels as Drivers of the Current and Projected Price Boom and Resource Implications," paper presented at *UC President's Advisory Commission Meeting*, Berkeley, California, April 3, 2008.
- P220. Zilberman, David. "Agrobiodiversity and Climate Change," paper presented at *DIVERSITAS 75th Symposium on Biodiversity and Ecosystem Services in Agricultural Landscapes*, UC Davis, April 7, 2008.
- P221. Zilberman, David. "The Economics of Biofuel," invited seminar paper presented at the Department of Earth and Environmental Engineering, Columbia University, New York, N.Y., April 11, 2008.
- P222. Zilberman, David. "Yield Effects of Genetically-Modified Crops in Developing Countries," invited paper presented at the *International Award for Research in Agrochemicals Symposium in Honor of Dr. Frederick J. Perlak*, American Chemical Society 234th National Meeting and Exposition, Boston, Massachusetts, August 19, 2007.

- P223. Zilberman, David. "Irrigation Issues – a View from the US," invited paper presented at the *Alberta Agricultural Economics Association Annual Conference on Agriculture: Toward a Sustainable Future*, Red Deer, Alberta, May 2, 2008.
- P224. Zilberman, David. "Income Distribution Implications of Biofuels," paper presented at the *Sustainable Biofuels and Human Security Workshop*, University of Illinois, Urban-Champaign, May 12, 2008.
- P225. Zilberman, David, Gal Hochman, and Steven Sexton. "Food Safety, the Environment and Trade Restrictions," paper presented at the *Conference on The Political Economy of Distortions to Agricultural Incentives*, World Bank, Washington D. C., May 24, 2008.
- P226. Zilberman, David. "Water Pricing in Agriculture in an Era of Rising Energy Prices," paper presented at *OECD Expert Meeting on Sustainable Financing for Affordable Water Services: From Theory to Practice*, Paris, France, June 15, 2008.
- P227. Serra, Teresa, David Zilberman, Barry K. Goodwin, and José M. Gil. "Nonlinearities in the U.S. Corn-Ethanol-Oil Price System," selected paper presented at the *2008 AAEA & ACCI Joint Annual Meeting*, Orlando, Florida, July 29, 2008.
- P228. Rajagopal, Deepak, and David Zilberman. "A New Microeconomics Based Environmental Life Cycle Model," paper presented at the *2008 AAEA & ACCI Joint Annual Meeting*, Orlando, Florida, July 29, 2008.
- P229. Krishna, Vijesh V., Unai Pascual, and David Zilberman. "Potentials of Green Consumerism for Landrace Conservation: Evidence from Eggplant Production Sector of India," paper presented at the *10th Annual BIOECON Conference on The Effectiveness and Efficiency of Biodiversity Conservation Instruments*, Sidney Sussex College, Cambridge University, Cambridge, U. K., September 28-30, 2008.
- P230. Zilberman, David, Deepak Rajagopal, Steven Sexton, and Gal Hochman. "Biofuel Policy and Food Prices," paper presented at the *2008 Joint Annual Meeting of The Geological Society of America, Soil Science Society of America, American Society of Agronomy, Crop Science Society of America, and Gulf Coast Association of Geological Societies*, Houston, Texas, October 7, 2008.
- P231. Zilberman, David. "Economics of Land Use/Bioenergy," paper presented at the *EBI Workshop on Bioenergy Crop Modelling and Land Use*, Calvin Lab, UC Berkeley, October 9-10, 2008.
- P232. Sexton, Steven, Deepak Rajagopal, David Zilberman, and Gal Hochman. "Food Versus Fuel: How Biofuels Make Food More Costly and Gasoline Cheaper," presented at the

Giannini Foundation Symposium: Causes and Consequences of the Food Price Crisis, Bancroft Hotel, Berkeley, California, October 10, 2008.

- P233. Rajagopal, Deepak, Gal Hochman, and David Zilberman. "Regulation of GHG Emissions from Biofuel Blended Energy," paper presented at the *Farm Foundation Conference*, St. Louis, Missouri, October 15-16, 2008.
- P234. Zilberman, David. "Smallholder Livelihoods, Poultry Markets, and HPAI Risk: Lessons from the Mekong Region," paper presented at the *Pro-Poor HPAI Risk Reduction Strategies—A DFID Funded Research Program: Second Meeting of the Steering Committee*, Sharm El Sheik, Egypt, October 27, 2008.
- P235. Zilberman, David. "Incorporating Science into Economics Analysis," a keynote paper presented at the *Workshop on Socioeconomic Impacts of Biofuel, the Road Ahead*, Chicago, Illinois, November 14, 2008.
- P236. Zilberman, David, Rajagopal, Deepak, Steven Sexton, and Gal Hochman. "Biofuel Policy and Food Prices," paper presented at the *Workshop on Socioeconomic Impacts of Biofuel: The Road Ahead*, Chicago, Illinois, November 15, 2008.
- P237. Rajagopal, Deepak, Gal Hochman, and David Zilberman. "Regulation of GHG Emissions from Biofuel Blended Energy," paper presented at the *28th United States Association for Energy Economics/International Association of Energy Economics (IAEE/USAEE) American Conference*, New Orleans, Louisiana, December 3-5, 2008.
- P238. Hochman, Gal, Steven Sexton, and David Zilberman. "The Economics of Trade, Biofuel, and the Environment," invited talk presented at the *International Agricultural Trade Research Consortium Annual General Meeting*, Scottsdale, Arizona, December 7, 2008.
- P239. Hochman, Gal, Gordon Rausser, and David Zilberman. "U.S. versus E.U. Biotechnology Regulations and Comparative Advantage: Implications for Future Conflicts and Trade," paper presented at the *Workshop on Transatlantic Methods for Handling Global Challenges – Managing Biosafety and Biodiversity in a Global World*, Berkeley, California, December 11-12, 2008.
- P240. Hochman, Gal, Chrysostomos Tabakis, and David Zilberman. "Trade, Institutions, and Reforms," paper presented at the *Allied Social Science Associations Meeting*, San Francisco, California, January 3, 2009.
- P241. Graff, Gregory, Gal Hochman, and David Zilberman. "How European Resistance to Biotechnology Has Hurt the Developing World," paper presented at the *EBI Conference on Biotechnology in Developing Countries*, UC Berkeley, January 23, 2009.

- P242. Zilberman, David. "Market-Based Instruments to Preserve Support and Enhance Ecosystem Goods and Services," paper presented at the *International Think Tank on Market-Based Instruments to Preserve, Support and Enhance Ecosystem Goods and Services*, Banff, Alberta, February 6-7, 2009.
- P243. Zilberman, David. "The Political Economy of Biotechnology and Its Implication," invited paper presented at University of Arkansas, Fayetteville, March 5, 2009.
- P244. Rajagopal, Deepak, Gal Hochman, and David Zilberman. "Incorporating Economics into Life Cycle Analysis," paper presented at the *Latin American Environmental Economics (ALEAR) Conference*, San Jose, Costa Rica, March 19, 2009.
- P245. Zilberman, David, Deepak Rajagopal, Steven Sexton, Gal Hochman, and Teresa Serra. "The Economics of Biofuels, Food, and the Environment," keynote paper presented at the *Latin American Environmental Economics (ALEAR) Conference*, San Jose, Costa Rica, March 20, 2009.
- P246. Zilberman, David. "The Economics of the Bioeconomy," invited lecture presented at the *Bioresource Series Lecture*, University of Saskatoon, Saskatchewan, March 27, 2009.
- P247. Hochman, Gal, Deepak Rajagopal, and David Zilberman. "Gasoline Prices, OPEC, and Biofuel," paper presented at the *Farm Foundation Bioeconomy Workshop*, Washington, D. C., March 30, 2009.
- P248. Sauer, Johannes, and David Zilberman. "Innovation Behaviour at Farm Level – Selection and Identification," paper presented at the *83rd Annual Conference of the Agricultural Economics Society*, Dublin, Ireland, March 30-April 1, 2009.
- P249. Zilberman, David. "Innovation Behavior in Dairy Farming—Peer-Group Effects and Sequential Decisions," paper presented at the *AAEA & ACCI 2009 Joint Annual Meeting*, Milwaukee, Wisconsin, July 26, 2009.
- P250. Zilberman, David, Joseph Cooper, and James Whitaker. "The Economics of Permanent Disaster Assistance," contributed paper presented at the *AAEA & ACCI 2009 Joint Annual Meeting*, Milwaukee, Wisconsin, July 26, 2009.
- P251. Zilberman, David. "Transgenic Varieties and Smallholders," paper presented at the *AAEA & ACCI 2009 Joint Annual Meeting*, Milwaukee, Wisconsin, July 27, 2009.
- P252. Serra, Teresa, and David Zilberman. "Price Volatility in Ethanol Markets," selected paper presented at the *AAEA & ACCI 2009 Joint Annual Meeting*, Milwaukee, Wisconsin, July 27, 2009.

- P253. Just, David, Ying Cao, and David Zilberman. "Risk, Overconfidence, and Production in a Competitive Equilibrium," selected paper presented at the *AAEA & ACCI 2009 Joint Annual Meeting*, Milwaukee, Wisconsin, July 27, 2009.
- P254. Ifft, Jennifer, David Roland-Holst, and David Zilberman. "Valuation of Safety-Branded and Traceable Free Range Chicken in Ha Noi: Results from a Field Experiment," selected paper presented at the *AAEA & ACCI 2009 Joint Annual Meeting*, Milwaukee, Wisconsin, July 28, 2009.
- P255. Krishna, Vijesh, David Zilberman, and Matin Qaim. "GM Technology Adoption, Production Risk, and On-Farm Varietal Diversity," selected paper presented at the *AAEA & ACCI 2009 Joint Annual Meeting*, Milwaukee, Wisconsin, July 28, 2009.
- P256. Krishna, Vijesh, David Zilberman, and Matin Qaim. "Transgenic Technology Adoption and on-Farm Varietal Diversity," contributed paper presented at the *IAAE 2009 XXVII International Conference of Agricultural Economists*, Beijing, China, August 22, 2009.
- P257. Krishna, Vijesh, Unai Pascual, and David Zilberman. "Channeling Consumption Preferences for Co-Existence of Landrace and Modern Varieties In-Situ," contributed paper presented at the *IAAE 2009 XXVII International Conference of Agricultural Economists*, Beijing, China, August 22, 2009.
- P258. Zilberman, David. "The Economics of Cotton, Energy, and Biofuel," invited paper presented at the *Cotton Incorporated Seminar*, Cary, North Carolina, September 3, 2009.
- P259. Zilberman, David, Gal Hochman, and Seth Saltiner. "The Economics of Cotton Oilseed," invited paper presented at the *Cotton Incorporated Seminar*, Cary, North Carolina, September 3, 2009.
- P260. Zilberman, David. "Heterogeneity, Incentives and Policies for Suitable Water Use," paper presented at the *Italian Department of Agriculture (INEA) Workshop*, Rome, Italy, September 8, 2009.
- P261. Zilberman, David. "Cost Benefit Analysis for Water Resource Management," paper presented at the *Italian Department of Agriculture (INEA) Workshop*, Rome, Italy, September 9, 2009.
- P262. Zilberman David "Fueling the Tank and Feeding the Stomach," paper presented at the *Environmental Science Forum*, Michigan State University, October 15, 2009.
- P263. Zilberman, David, Deepak Rajagopal, Gal Hochman and Steve Sexton. "The Economics of Biofuel, Food, and the Environment," paper presented at the *Economics of Alternative Energy Sources and Globalization: The Road Ahead Conference*,

Orlando, Florida, November 16, 2009.

- P264. Lichtenberg, Erik, James Shortle, James Wilen, and David Zilberman. "Natural Resource Economics and Conservation: Contributions of Agricultural Economics and Agricultural Economists," paper presented at the *Environment and Resource Economics Seminar*, Department of Agricultural and Resource Economics, U.C. Berkeley, February 10, 2010.
- P265. Sexton, Steve, and David Zilberman. "The Economics of Agricultural Biotechnology Adoption: Implication to Biofuels Sustainability," paper presented at the *Department of Agricultural and Resource Economics, Oregon State University*, February, 25 2010.
- P266. Zilberman, David. "Quantifying the Role of Biofuels in the Global Food Crisis," paper presented at the *Economic and Environmental Consequences of Large-Scale Biofuels Expansion Meeting*, World Bank, Washington, D.C., March, 2010.
- P267. Sexton, Steve, and David Zilberman. "The Economics of Agricultural Biotechnology Adoption: Implication to Biofuels Sustainability," paper presented at the *NBER Agricultural Economics Conference*, Boston, Massachusetts, March, 2010.
- P268. Zilberman, David, Deepak Rajagopal, and Gal Hochman. "Indirect Land Use: One Consideration Too Many in Biofuel Regulation," paper presented at the *Biofuels Law and Regulation Conference*, Urbana-Champaign, Illinois, April 9, 2010.
- P269. Zilberman, David. "The Economics of Genetic Modified Crops," paper presented at *Statistical Conference*, Oslo, Norway, May 19, 2010.
- P270. Zilberman, David. "The Legacy of Leif Johansen in Resource and Environmental Economics" presented at the *Leif Johansen Symposium*, Norwegian Academy of Science, Oslo, Norway, May 21, 2010.
- P271. Zilberman, David "The Economics of Genetic Modified Crops," presented at the *Department of Economics, University of Trondheim*, Trondheim, Norway, May 26, 2010.
- P272. Zilberman, David. "Biofuel and Biotech," selected paper *AAEA Annual Meeting*, Denver, Colorado, May, 2010.
- P273. Zilberman, David, Erik Lichtenberg, James Shortle, and James Wilen. "Natural Resource Economics and Conservation: Contributions of Agricultural Economics and Agricultural Economists," invited paper *AAEA Annual Meeting*, Denver, Colorado, July 27, 2010.

- P274. Ifft, Jennifer, David Zilberman, and David Roland-Holst. "Production and Risk Prevention Response of Free Range Chicken Producers in Vietnam to Highly Pathogenic Avian Influenza Outbreaks," selected paper *AAEA Annual Meeting*, Denver, Colorado, July 27, 2010.
- P275. Zilberman, David. "Economic Models of Biofuels and Policy Analysis," paper presented at the *Workshop on Strategic Directions in Social, Legal and Environmental Dimensions of Research on Biofuels*, I-Hotel, Urbana, Illinois, September 25-26, 2010.
- P276. Zilberman, David. "The Economics of Energy Land Use and Innovations—Lessons for AB 32," paper presented at the *California Climate Change Policy: The Economic and Environmental Impacts of AB 32 Meeting*, Sacramento, California, October 4, 2010.
- P277. Zilberman, David. "Indirect Land Use Change," paper presented to the *NRC Committee on Biofuel Production*, Beckman Center, Irvine, California, October 7, 2010.
- P278. Zilberman, David. "Biofuel and New Economics of Agriculture," paper presented at the *Solving the Climate Change Problem: Technology, California, and the Emerging Markets Conference*, Weaver Center, Institute of the Americas, U.C. San Diego, October 10, 2010.
- P279. Zilberman, David. "High Gas Prices as a Cause of the Financial Crisis: Theoretical and Empirical Evidence," paper presented at the *ASSA Meeting*, Denver, Colorado, January 8, 2011.
- P280. Zilberman, David. "Payments for Ecosystem Services Provided by Agriculture," presented to the *Canadian Agricultural Economics Society*, Ottawa, Ontario, January 14, 2011.
- P281. Rajagopal, Deepak, Gal Hochman, and David Zilberman. "Acreage Expansion Due to Corn Ethanol: What Historical Experience Suggests," presented at the *Fourth Annual Berkeley Bioeconomy Conference*, U.C. Berkeley, March 25-26, 2011.
- P282. Hochman, Gal, and David Zilberman. "The Political Economy of OPEC," paper presented at the *MPSA Annual National Conference*, Chicago, Illinois, March 31-April 3, 2011.
- P283. Zilberman, David. "Climate Change: Overview Of Research Efforts," paper presented at the *Agropdep Annual Meeting*, Dakar, Senegal, June, 2011.

- P284. Hochman, Gal, Deepak Rajagopal, and David Zilberman. "The Political Economy of OPEC," paper presented at the *AERE Summer Conference*, Seattle, Washington, June 9-10, 2011.
- P285. Rajagopal, Deepak, and David Zilberman. "Prices vs. Quantities in the Context of Lifecycle Assessment Based Regulations," paper presented at the *AERE Summer Conference*, Seattle, Washington, June 9-10, 2011.
- P286. Zilberman, David. "The Economics of Fermentation: Wine & Beer Technology," paper presented at the *International Consortium of Applied Bioeconomy Research (ICABR) 15th Annual Conference*, Rome, Italy, June 26-29, 2011.
- P287. Sexton, Steve, Jun Jie Wu, and David Zilberman. "The Financial Crisis and Energy Prices," paper presented at the *European Association of Environmental and Resource Economists (EAERE) 18th Annual Conference*, Rome Italy, June 29-July 2, 2011.
- P288. Zilberman, David (Discussant). "Comments on 'OPEC: Market Failure or Power Failure,'" by Cairns, Robert, and Enrique Calfucura, paper presented at the *European Association of Environmental and Resource Economists (EAERE) 18th Annual Conference*, Rome, Italy, June 29-July 2, 2011.
- P289. Zilberman, David, and Gal Hochman. "OPEC and the Economics of Alternative Fuels," paper presented at the *European Association of Environmental and Resource Economists (EAERE) 18th Annual Conference*, Rome, Italy, June 29-July 2, 2011.
- P290. Hochman, Gal, and David Zilberman. "The Political Economy of OPEC," EAERE 18th Annual Conference University of Rome "Tor Vergata," paper presented at the *European Association of Environmental and Resource Economists (EAERE) 18th Annual Conference*, Rome, Italy, June 29-July 2, 2011.
- P291. Hochman, Gal, Deepak Rajagopal, and David Zilberman. "A Technological Response to Environmental Policy: From Putty-clay to Putty-doh," paper presented at the *European Association of Environmental and Resource Economists (EAERE) 18th Annual Conference*, Rome, Italy, June 29-July 2, 2011.
- P292. Hochman, Gal, and David Zilberman. "The Political Economy of OPEC," paper presented at the *34th IAEE International Conference*, Stockholm, Sweden, July 19-July 24, 2011.
- P293. Zilberman, David. "The Bioeconomy, Innovation System and Regulation," paper presented at the *University of Campinas*, Sao Palo, Brazil, September 15, 2011.

- P294. Zilberman, David. "Impact of Biofuels on Food Prices," presentation for the *Science Advisory Board of EBI*, Naperville, Illinois, October 5, 2011, and presented at the *Initiative for a Carbon Negative Economy Workshop*, Chicago, Illinois, October 6-7, 2011.
- P295. Zilberman, David. "Economic and Policy Reality of a Carbon Negative Economy," paper presented at the *Initiative for a Carbon Negative Economy Workshop*, Chicago, Illinois, October 6-7, 2011.
- P296. Zilberman, David. "Rethinking the Indirect Effects of Biofuel," paper presented at the *CRC Workshop on Life Cycle Analysis Of Biofuels*, Argonne National Laboratory Argonne, Illinois, October 17-19, 2011.
- P297. Zilberman, David. "Impact of GMO on Global Productivity and Food Prices," paper presented at the *International Workshop on the Impacts of Genetically Modified (GM) Crops*, Seville, Spain, November 23, 2011.
- P298. Zilberman, David, Gal Hochman, Deepak Rajagopal, Steve Sexton, and Govinda Timilsina. "The Impact of Biofuels on Commodity Food Prices: Assessment of Findings," paper presented at the *ASSA Meeting*, Chicago, IL, January 4, 2012.
- P299. Barrows, Geoffrey, Gal Hochman, and David Zilberman. "The Multi-product Petroleum Refining Process and Biofuels." Paper presented at the *Transportation Research Board (TRB) 91st Annual Meeting*, Washington, D.C., January 22-26, 2012.
- P300. Zilberman, David. "Rethinking the Indirect Effect of Biofuels," paper presented at the *National Ethanol Conference*, Orlando, Florida, February 24, 2012.
- P301. Hochman, Gal, Geoff Barrows, and David Zilberman. "Indirect Byproduct Effect of Biofuels," paper presented at the *Fifth Annual Berkeley Bioeconomy Conference*, U.C. Berkeley, March 26-28, 2012.
- P302. Zilberman, David. "The Future of Biofuel in Brazil," paper presented at the *Fifth Annual Berkeley Bioeconomy Conference*, U.C. Berkeley, March 26-28, 2012.
- P303. Zilberman, David. "California New Risk Environment," paper presented at the *Farm Risk Management Conference*, Sacramento, California, May 18, 2012.
- P304. Hochman, Gal, Ella Segev, Geoff Barrows, and David Zilberman. "The Impact of Biofuel on Fuel Prices and the Environment: A Multiproduct Noncompetitive Set-up," paper presented at the *AERE Meeting*, Ashville, North Carolina, June 3-5, 2012.

- P305. Zilberman, David. "The Economics of Fermentation," paper presented at the *ICABR-AAWE Pre-Conference Workshop: Technology and Innovation in the Grape and Wine Industries*, Feudi di San Gregorio, Italy, June 24, 2012.
- P306. Zilberman, David. "The Indirect Byproduct Effect of Biofuels," paper presented at the *16th ICABR Conference*, Ravello, Italy, June 24-27, 2012.
- P307. Zilberman, David. "The Political Economy of Biofuels," paper presented at the *16th ICABR Conference*, Ravello, Italy, June 24-27, 2012.
- P308. Barrows, Geoffrey, Steve Sexton, David Zilberman, and Jeanne Reeves. "The Impacts of Agricultural Biotechnology on Productivity and the Environment: An Aggregate Assessment." Paper presented at the *EAERE Conference*, Prague, Czech Republic, June 29, 2012.
- P309. Barrows, Geoffrey, Gal Hochman, and David Zilberman. "The Indirect Byproduct Effects of Biofuels," paper presented at the *EAERE Conference*, Prague, Czech Republic, June 30, 2012.
- P310. Zilberman, David. "Climate Change Impact on Agriculture," paper presented at the *Conference on Climate Change Impacts on and Adaptation Measures for Agriculture in Austria: Linking Bottom-up and Top-down Models*, University of Natural Resources and Applied Life Sciences, Vienna, Austria, July 2, 2012.
- P311. Barrows, Geoffrey, Gal Hochman, and David Zilberman. "Petroleum Refining and the Indirect Byproduct Effect of Biofuels," presented at the *AAEA Annual Meeting*, Seattle, Washington, August 12-14, 2012.
- P312. Hochman, Gal, Gregory Graff, and David Zilberman. "The Political Economy of Controversial Technologies," paper presented at the *AAEA Annual Meeting*, Seattle, Washington, August 12-14, 2012.
- P313. Zilberman, David. "Bioethanol: Taking Stock, Looking Ahead: Natural Resources and Sustainability, Policies and Technology," paper presented at the *28th ICAE Conference*, Foz do Iguacu, Brazil, August 18-24, 2012.
- P314. Zilberman, David, Eunice Kim, Jeanne Reeves, Scott Kaplan, and Sam Kirschner. "Technology and the Future of Bio-Economy," paper presented at the *28th ICAE Conference*, Foz do Iguacu, Brazil, August 18-24, 2012.

- P315. Zilberman, David. “Water and Biofuel,” paper presented at the *Council of Energy Research & Education Leaders (CEREL) Conference*, Berkeley, California, October 17, 2012.
- P316. Zilberman, David. “Food Fight Debating Proposition 37, California’s Landmark Initiative to Label GMO Food,” presentation for *KQED*, October 24, 2012.
- P317. Zilberman, David. “Proposition 37, Agricultural Biotechnology, Productivity and the Environment, an Aggregate Assessment,” presentation for the *Leavey School of Business*, Santa Clara University, Santa Clara, California, October 27, 2012.
- P318. Zilberman, David. “The Economic Impacts of Banning Methyl Bromide for Postharvest Uses,” paper presented at the *Methyl Bromide Alternatives Conference*, Orlando, Florida, November 7, 2012.
- P319. Strogon, Bret, and David Zilberman. “Economic, Greenhouse Gas Emissions, and Employment Implications of Constructing Pipelines for U.S. Biofuel Distribution,” *Defense Energy Summit (Poster Session)*, Austin, Texas, November 11-13, 2012.
- P320. Zilberman, David. “Water Policy and Management in Sub Saharan Africa and Southern Asia,” paper presented at the *GDN Conference*, FAO, Rome, Italy, December 15, 2012.
- P321. Zilberman, David, Geoff Barrows, Gal Hochman, and Deepak Rajagopal. “On the Indirect Effect of Biofuel,” paper presented at the *AAEA Meeting*, San Diego, California, January 4, 2013.
- P322. Zilberman, David. “Food, Fuel, and Plant Nutrient Use in the Future,” presentation for the *National Coalition for Food and Agricultural Research Hill Seminar Series, US Senate Agricultural Committee Staff Briefing*, Washington, D.C., March 18, 2013.
- P323. Strogon, Bret. “Ethanol Pipelines: An Opportunity to Save Costs and Greenhouse Gas Emission, or Did We Miss the Boat?” paper presented at the *Sixth Annual Berkeley Bioeconomy Conference*, U.C. Berkeley, March 27-28, 2013.
- P324. Zilberman, David. “An Economist’s View on the Bioeconomy,” paper presented at the *Sixth Annual Berkeley Bioeconomy Conference*, U.C. Berkeley, March 27-28, 2013.
- P325. Khanna, Madhu, and David Zilberman. “Pricing Biofuel and Oil in Brazil,” paper presented at the *Sixth Annual Berkeley Bioeconomy Conference*, U.C. Berkeley, March 27-28, 2013.

- P326. Waterfield, Gina, and David Zilberman. "On the Willingness to Pay, Ban, and Label Biotechnology," paper presented at the *Sixth Annual Berkeley Bioeconomy Conference*, U.C. Berkeley, March 27-28, 2013.
- P327. Tregeagle, Daniel, and David Zilberman. "Investment Age Structure and Sugarcane Yield: Theory and Evidence from Brazil," paper presented at the *Sixth Annual Berkeley Bioeconomy Conference*, U.C. Berkeley, March 27-28, 2013.
- P328. Zilberman, David. "The Economics of Genetic Modified Crops," paper presented at the *Department of Agricultural and Resource Economics, University of Rhode Island*, April 8, 2013.
- P329. Zilberman, David. "GM Seeds, Crop Yields and Food Prices," paper presented at the *Friedman School of Nutrition Science & Policy*, Tufts University, Boston, Massachusetts, April 9, 2013.
- P330. Zilberman, David. "Sustainability and the Bioeconomy," paper presented at the *Friedman School of Nutrition Science & Policy*, Tufts University, Boston, Massachusetts, April 10, 2013.
- P331. Zilberman, David. "Sustainability and the Bioeconomy," paper presented at *Colorado State University*, Fort Collins, Colorado, April 19, 2013.
- P332. Zilberman, David. "Technology and the Future Bioeconomy," Keynote talk presented via video in *Mathematics of Planet Earth 2013*, Porto, Portugal, March 25, 2013.
- P333. Zilberman, David. "Agricultural Biotechnology, Productivity & the Environment: An Aggregate Assessment," paper presented at the *International Bioeconomy Conference: From Molecule to Society*, ScienceCampus, Plant-Based Bioeconomy, Halle, Germany, June 6-7, 2013.
- P334. Zilberman, David. "Economics of Production, Technology, & Risk with Application in Agriculture," paper presented at the *pre-Conference Workshop Theoretical Models, Empirical Methods, and Data Collection for Analyzing the Bioeconomy, 17th ICABR Conference*, Ravello, Italy, June 17, 2013.
- P335. Zilberman, David. "Biofuel, Biotech, and Food Security," paper presented at the *17th ICABR Conference*, Ravello, Italy, June 19, 2013.
- P336. Zilberman, David, Scott Kaplan, Eunice Kim, and Gina Waterfield. "Lesson from the California GM Labeling Proposition," paper presented at the *17th ICABR Conference*, Ravello, Italy, June 20, 2013.

- P337. Zilberman, David. "Solar Energy and the Bio-economy, Sustainable Solar Electricity Supply: Options and Risks," paper presented at the *Wegener Center for Climate and Global Change*, University of Graz, Austria, June 24, 2013.
- P338. Strogon, Bret, and David Zilberman. "Economic, Greenhouse Gas Emissions, and Employment Implications of Constructing U.S. Biofuel Pipelines," paper presented at the *7th International Society for Industrial Ecology Biennial Conference, 3rd Symposium on Industrial Ecology for Young Professionals (Poster Session)*, June 29, University of Ulsan, South Korea, 2013.
- P349. Lu, Liang, Xiaoxue Du, and David Zilberman. "Vertical Integration or Contract Farming on Biofuel Feedstock Production: A Technology Innovation Perspective," paper presented at the *AAEA Annual Meeting*, Washington, D.C., August 4-6, 2013.
- P340. Zilberman, David. "Sustainable Development: Implications to Applied Economics," Fellows Address for the *AAEA Annual Meeting*, Washington, D.C., August 4-6, 2013.
- P341. Zilberman, David, Scott Kaplan, Eunice Kim, and Gina Waterfield. "Lessons from the California GM Labeling Proposition on the State of Crop Biotechnology," paper presented at the *AAEA Annual Meeting*, Washington, D.C., August 4-6, 2013.
- P342. Hochman, Gal, Scott Kaplan, and David Zilberman. "The Causes of Recent Food Commodity Crises," paper presented at the *AAEA Annual Meeting*, Washington, D.C., August 4-6, 2013.
- P343. Zilberman, David. "Comment on Papers on the Intellectual Property and R&D in Agricultural Biotechnology," paper presented at the *AAEA Annual Meeting*, Washington, D.C., August 4-6, 2013.
- P344. Iho, Antti, Doug Parker, and David Zilberman. "Optimal Regional Policies to Control Manure Nutrients to Surface and Ground Waters," paper presented at the *AAEA Annual Meeting*, Washington, D.C., August 4-6, 2013.
- P345. Zilberman, David. "Agricultural and Trade Policy and Behavioral Economics," paper presented at the *AAEA Annual Meeting*, Washington, D.C., August 4-6, 2013.
- **P346. Poudel, Biswo N., Krishna P. Paudel, and David Zilberman. "Transboundary Extraction of Groundwater in the Presence of Hydraulic Fracturing." In *2014 Allied Social Science Association (ASSA) Annual Meeting, January 3-5, 2014, Philadelphia, PA*, no. 161891. Agricultural and Applied Economics Association, 2013.

- **P347. Sproul, Tom, and David Zilberman. “The Economics of Shallow-Loss Crop Insurance: Deductibles vs. Coinsurance Policies”, paper invited at the SCC-76 Risk Group Annual Meeting, Pensacola, Florida, March 15, 2013.
- **P348. Strogon, Bret and David Zilberman. “Economic, Greenhouse Gas Emissions, and Employment Implications of Constructing U.S. Biofuel Pipelines,” poster presented at the *Industrial Ecology: Strategy for Green Economy*, University of Ulsan, South Korea, 2013.
- **P349. Hamilton, Stephen F., San Luis Obispo, David L. Sunding, and David Zilberman. “Environmental Policy with Collective Waste Disposal,” paper presented at the *AAEA Annual Meeting*, Washington, D.C., August 4-6, 2013.
- **P350. Strogon, Bret. “Transporting Fuels By Water, Road, Rail, and Pipe: Life-cycle Emissions from Petroleum and Biofuel Distribution,” paper presented at the *University of Delaware*, Newark, DE, October, 25, 2013.
- **P351. Bell, K., S. P. Souza, B. Strogon, and D. Zilberman. “Environmental and Economic Impacts of Ethanol Pipelines in Brazil: A Case Study,” paper presented at the *International Conference on Applied Energy*, Taipei, Taiwan, 2014.
- **P352. Strogon, Bret and David Zilberman. “Complex Infrastructure-Vehicle-Consumer Considerations for Enabling Increased Consumption of Fuel Ethanol,” paper presented at the *International Conference on Applied Energy*, Taipei, Taiwan, 2014.
- **P353. Du, Xiaoxue, Liang Lu, and David Zilberman. “The Economics of Contract Farming: A Credit and Investment Perspective,” paper presented at the *ASSA Annual Meeting*, Philadelphia, PA, January 3-5, 2014.
- **P354. Du, Xiaoxue, Liang Lu, and David Zilberman. “Contract Farming, Innovation, and Technology Adoption,” paper presented at the *ASSA Annual Meeting*, Philadelphia, PA, January 3-5, 2014.
- **P355. Du, Xiaoxue, Jennifer Ifft, Liang Lu, and David Zilberman. “A Theoretic and Empirical Investigation on Interactions Among Risk Management Tools in US Agriculture,” paper presented at the *Chinese Economic Society Annual Meeting*, Guangzhou, China, 2014.
- **P356. Du, Xiaoxue, Jennifer Ifft, Liang Lu, and David Zilberman. “Credit Constraints and U.S. Federal Crop Insurance,” paper presented at the *Chinese Economic Society Annual Meeting*, Guangzhou, China, 2014.

- **P357. Strogen, Bret, Kenny Bell, and David Zilberman. "Life-cycle Environmental and Safety Assessment of Pipelines and Other Bulk Liquid Fuel Distribution Modes," paper presented at the *International Conference on Applied Energy*, Taipei, Taiwan, 2014.
- **P358. Zilberman, David. "The Economic Impacts of GMOs – The Past and the Present." In *Pests, Germs and Seeds: The Economics of Policies, Programs, and Technologies for Managing Agricultural Pests and Diseases*, Davis, California, March 28-29. 2014.
- **P359. Zilberman, David, and Rebecca Taylor. "Assessing the Economic Impacts of Extension in California-Application of Irrigation and Application For Pest Control." In *Pests, Germs and Seeds: The Economics of Policies, Programs, and Technologies for Managing Agricultural Pests and Diseases*, Davis, California, March 28-29. 2014.
- **P360. Zilberman, David. "Agricultural Productivity and the Bioeconomy," Roundtable at the *Seventh Annual Berkeley Bioeconomy Conference*, Berkeley, CA, March, 2014.
- **P361. Zilberman, David. "Climate Risk and California Agriculture," Panel Discussion at *Climate Change: Challenges to California's Agriculture and Natural Resources Conference*, Sacramento, CA, May, 2014.
- **P362. Zilberman, David, and Scott Kaplan. "What the Adoption Literature can teach us about Social Media and Network Effects on Food Choices." In *2014 AAEE/EAAE/CAES Joint Symposium: Social Networks, Social Media and the Economics of Food*, May 29-30, 2014, Montreal, Canada, no. 173076. Agricultural and Applied Economics Association & Canadian Agricultural Economics Society & European Association of Agricultural Economists, 2014.
- **P363. Tregeagle, Daniel. "The Dynamic Supply Response of Perishable, Processable Perennial Crops: The Case of Brazilian Sugarcane," paper presented at the *Department of Agricultural and Resource Economics, University of California at Berkeley*, June, 2014.
- **P364. Zilberman, David. "The Economics of Water Project Capacities and Conservation Technologies." In *Fifth World Congress of Environmental Economics*, Istanbul, Turkey, June 28-July 2. 2014.
- **P365. Zilberman, David. "The Impact of Agricultural Biotechnology on Supply and Land Use." In *Fifth World Congress of Environmental Economics*, Istanbul, Turkey, June 28-July 2. 2014.

- **P366. Du, Xiaoxue, Liang Lu, and David Zilberman. "How Does Crop Insurance Purchase Affect Marketing Contracts Participation: The Case of Peanut," paper presented at the *AAEA Annual Meeting*, Minneapolis, MN, July, 2014.
- **P367. Ifft, Jennifer, Liang Lu, Xiaoxue Du and David Zilberman. "Federal Crop Insurance and Credit Constraints: Theory and Evidence," paper presented at the *AAEA Annual Meeting*, Minneapolis, MN, July, 2014.
- **P368. Khanna, Madhu, Hector Nunez, and David Zilberman. "The Political-Economy of Biofuel and Cheap Oil Policies in Brazil," paper presented at the *AAEA Annual Meeting*, Minneapolis, MN, July, 2014.
- **P369. Zilberman, David. "What Will It Take to Get Energy Crops Off the Ground: Land Use Subsidies, Price Subsidies, and Crop Insurance," Panel Discussion at the *AAEA 2014 Annual Meeting*, Minneapolis, MN, July 27-29, 2014.
- **P370. Du, Xiaoxue, Jennifer Ifft, Liang Lu, and David Zilberman. "Are Agricultural Contract and Crop Insurance Complements or Substitutes: Theory and Empirical Evidence." In *AAEA 2014 Annual Meeting*, Minneapolis, MN, July 27-29, 2014.
- **P371. Xie, Yang, and David Zilberman. "The economics of water project capacities and conservation technologies." In *AAEA 2014 Annual Meeting*, Minneapolis, MN, July 27-29, 2014.
- **P372. Khanna, Madhu, and David Zilberman. "The Political-Economy of Biofuel and Cheap Oil Policies in Brazil." In *AAEA 2014 Annual Meeting*, Minneapolis, MN, July 27-29, 2014.
- **P373. Ifft, Jennifer, and David Zilberman. "Federal Crop Insurance and Credit Constraints: Theory and Evidence." In *AAEA 2014 Annual Meeting*, Minneapolis, MN, July 27-29, 2014.
- **P374. Zilberman, David. "Agricultural Biotechnology: The Promise and the Prospects." In *Fifth World Congress of Environmental Economics*, Istanbul, Turkey, June 28-July 2, 2014.
- **P375. Zilberman, David. "The Political Economy of Biofuels," paper presented at the *European Association for Agricultural Economics Conference*, Ljubljana, Slovenia, August, 2014.

- **P376. Zilberman, David. "The lose of underutilizing GMO." In *Wally Huffman Conference*, Aims, Iowa, August 1. 2014.
- **P377. Zilberman, David. "The Cost of Delays in Biotech Regulatory Approvals." In *D.C. Biotechnology Round Table*, Washington, D.C., August 13. 2014.
- **P378. Zilberman, David. "The Cost of Delays in Biotech Regulatory Approvals." In *Genetically Modified Food Crops in Asia and Africa: Opportunities, Barriers and Constraints Symposium and Workshop*, September 17, 2014, Rutgers University, 2014.
- **P379. Zilberman, David. "The Important Role of GMOs in Advancing Sustainability." *Sustainability Speaker Series*, March 5, 2015, Middlebury Institute of International Studies, Monterey, 2014.
- **P380. Zilberman, David. "The Important Role of GMOs in Advancing Sustainability." North Carolina State University, April 10, 2015.
- **P381. Zilberman, David. "The Economics and Political Economy of Biotech and Biofuel." In *Berkeley-Tel Aviv Workshop on the Bioeconomy*, April 27, 2015, Tel Aviv University, 2015.
- **P382. Zilberman, David. "Indirect land use change: much ado about (almost) nothing." In *2015 Annual Meeting of the International Consortium on Applied Bioeconomy Research*, Ravello, Italy, June 17, 2015.
- **P383. Zilberman, David. "The relevance of micro-level data for projecting the impact of and adaptability to climate change in agriculture production," In *2015 Annual Meeting of the International Consortium on Applied Bioeconomy Research*, Ravello, Italy, June 17, 2015.
- **P384. Taylor, Rebecca, and David Zilberman. "The diffusion of process innovation: the case of drip irrigation in California." In *2015 AAEA & WAEA Joint Annual Meeting, July 26-28, San Francisco, California*. Agricultural and Applied Economics Association & Western Agricultural Economics Association, 2015.
- **P385. Xie, Yang, and David Zilberman. "Water Storage Capacities versus Conservation Efficiency: Substitutes or Complements?." In *2015 AAEA & WAEA Joint Annual Meeting, July 26-28, San Francisco, California*. Agricultural and Applied Economics Association & Western Agricultural Economics Association, 2015.
- **P386. Zilberman, David (Discussant). "The Political Economy of the Global Bio-Economy." In *2015 AAEA & WAEA Organized Symposium "The Political Economy of Food and*

Bio-Energy Policy in an Age of Price Volatility: International Perspectives”, July 26-28, San Francisco, California. Agricultural and Applied Economics Association & Western Agricultural Economics Association, 2015.

- **P387. Zilberman, David (Moderator). In *2015 AAEA & WAEA Organized Symposium “Sustainable Management Approaches to Address Water Scarcity in the 21st Century”*, July 26-28, San Francisco, California. Agricultural and Applied Economics Association & Western Agricultural Economics Association, 2015.
- **P388. Iho, Antti, Doug Parker, and David Zilberman. "Optimal Regional Regulation of Animal Waste." In *2015 Conference, August 9-14, 2015, Milan, Italy*, no. 211780. International Conference of Agricultural Economists, 2015.
- **P389. Schmitz, Andrew, David Zilberman, and Manhong Zhu. *Trans-Pacific Partnership, GMOs, and Japan’s Agricultural Trade*. No. 229242. International Agricultural Trade Research Consortium, 2015.
- **P390. Zilberman, David. “The Tale of Drip Irrigation in California.” In *Water Pricing for a Dry Future*, February 2-3, UC Center Sacramento, 2016.
- **P391. Dinar, Ariel, and David Zilberman. “Lessons learned from the Country Experiences presented in the workshop.” In *Water Pricing for a Dry Future*, February 2-3, UC Center Sacramento, 2016.
- **P392. Zilberman, David. “Role of GMOs in Feeding 9 Billion People.” February 18, 2016, Aquarium of the Pacific, Long Beach. 2016.
- **P393. Zilberman, David. “Agricultural Biotechnology: The Promise and Prospects of Genetically Modified Crops.” In *Genetically Modified Organisms: Separating Fact from Fiction*, March 2, Aquarium of the Pacific, Long Beach. 2016.
- **P394. Du, Xiaoxue, Calum Turvey, Yuehua Zhang, and David Zilberman. "Risk Balancing, Credit Constraints, and Input Use: A Natural Experiment from Hog Farmers in China." In *SCC-76 Meeting, March 17-19, 2016, Pensacola, Florida*, no. 233767. SCC-76: Economics and Management of Risk in Agriculture and Natural Resources, 2016.
- **P395. Zilberman, David. "Strategic concepts for designing supply chains of innovation in technology and product design in the context of rapidly transforming markets." In *2016 Strategic Business Perspectives on Innovation in Agrifood Supply Chains in Emerging vs Developed Markets Workshop, April 19, Berkeley, California, 2016*.

- **P396. Rausser, Gordon, David Zilberman, and Harold Schmitz. "How businesses can avail of partnerships with universities to enhance their capacity to innovate in products, technologies, and supply chains." In *2016 Strategic Business Perspectives on Innovation in Agrifood Supply Chains in Emerging vs Developed Markets Workshop, April 21, Berkeley, California, 2016*.
- **P397. Filip, Ondrej, Ladislav Kristoufek, and David Zilberman. "Foods, Fuels or Finances: Which Prices Matter for Biofuels?." *European Association of Environmental and Resource Economists (EAERE) 22nd Annual Conference, Zurich, Switzerland, June 22-25, 2016*.
- **P398. Kaplan, Scott, Justus Wesseler, and David Zilberman. "The Loss from Underutilizing GM Technologies." *European Association of Environmental and Resource Economists (EAERE) 21st Annual Conference, Helsinki, Finland, June 24-27, 2016*.
- **P399. Kristoufek, Ladislav, and David Zilberman. "Co-movements of Ethanol Related Prices: Evidence from Brazil and the USA." *European Association of Environmental and Resource Economists (EAERE) 21st Annual Conference, Helsinki, Finland, June 24-27, 2016*.
- **P400. Xie, Yang, and David Zilberman. "Water Storage Capacities Versus Conservation Efficiency: Substitutes or Complements?." *European Association of Environmental and Resource Economists (EAERE) 21st Annual Conference, Helsinki, Finland, June 24-27, 2016*.
- **P401. Zilberman, David (Discussant). "Producer-Public Partnerships—Principles and Practice, Policies and Politics," In *2016 Annual Meeting of the International Consortium on Applied Bioeconomy Research, Ravello, Italy, June 26, 2016*.
- **P402. Zilberman, David (Session Chair). "Ten Years of Modern Biofuel," In *2016 Annual Meeting of the International Consortium on Applied Bioeconomy Research, Ravello, Italy, June 27, 2016*.
- **P403. Hochman, Gal, and David Zilberman. "The impact of biofuels on food and fuel prices and GHG emissions- a meta-analysis," In *2016 Annual Meeting of the International Consortium on Applied Bioeconomy Research, Ravello, Italy, June 27, 2016*.
- **P404. Zilberman, David (Session Chair). "Environment," In *2016 Annual Meeting of the International Consortium on Applied Bioeconomy Research, Ravello, Italy, June 27, 2016*.

- **P405. Zilberman, David (Session Chair). "Supply Chain, Development and the Bioeconomy," In *2016 Annual Meeting of the International Consortium on Applied Bioeconomy Research*, Ravello, Italy, June 28, 2016.
- **P406. Hochman, Gal, and David Zilberman. "Corn ethanol and us biofuel policy ten years later: A systematic review and meta-analysis." In *2016 Annual Meeting of Agricultural and Applied Economics Association*, July. 2016.
- **P407. Hochman, Gal, and David Zilberman. "The Political Economy of Embodied Technologies." In *2016 AAEA Annual Meeting, July 31-August 2, 2016, Boston, Massachusetts*. Agricultural and Applied Economics Association, 2016.
- **P408. Hochman, Gal, and David Zilberman. "Corn Ethanol and U.S. Biofuel Policy Ten Years Later: A Systematic Review and Meta-Analysis." In *2016 AAEA Annual Meeting, July 31-August 2, 2016, Boston, Massachusetts*. Agricultural and Applied Economics Association, 2016.
- **P409. Zilberman, David (Moderator). *2016 AAEA Annual Meeting "Economics of Biofuels", July 31-August 2, 2016, Boston, Massachusetts*. Agricultural and Applied Economics Association, 2016.
- **P410. Parks, Moon, Sangeeta Bansal, and David Zilberman. "Fit-Risk in Development Projects: Role of Demonstration in Technology Adoption." In *2016 AAEA Annual Meeting, July 31-August 2, 2016, Boston, Massachusetts*. Agricultural and Applied Economics Association, 2016.
- **P411. Du, Xiaoxue, Calum G. Turvey, Yuehua Zhang, and David Zilberman. "Risk Balancing, Credit Constraint, and on Credit Input Use: A Natural Experiment Approach from Hog Farmers in China." In *2016 AAEA Annual Meeting, July 31-August 2, 2016, Boston, Massachusetts*. Agricultural and Applied Economics Association, 2016.
- **P412. Tregeagle, Daniel, and David Zilberman. "The Yield Dynamics of Perennial Crops: An Application to Sugarcane in Brazil." In *2016 AAEA Annual Meeting, July 31-August 2, 2016, Boston, Massachusetts*. Agricultural and Applied Economics Association, 2016.
- **P413. Zilberman, David (Organizer and Panelist). *2016 AAEA Annual Meeting Organized Symposium "Agricultural Economics as a Behavioral Discipline", July 31-August 2, 2016, Boston, Massachusetts*. Agricultural and Applied Economics Association, 2016.
- **P414. Zilberman, David (Organizer and Moderator). *2016 AAEA Annual Meeting "Regulatory Technology Policies: A Real Option View", July 31-August 2, 2016, Boston, Massachusetts*. Agricultural and Applied Economics Association, 2016.

- **P415. Zilberman, David. "Agricultural Biotechnology: The Promise and Prospects of Genetically Modified Crops." In *Food First, September 1, 2016, Berkeley, California, 2016*.
- **P416. Zilberman, David. "IPR, Regulation and Realizing the Potential of a new Biotechnology innovations." In *2016 Gene Editing in an international Context: Scientific, Economic and Social Issues across Sectors Workshop, September 29-30, 2016, Ottawa, Canada, 2016*.
- **P417. Zilberman, David. "New Paradigms for Food Production, Distribution, and Consumption." In *2016 Berlin Symposium "That's for eats! - Orientation versus Paternalism", November 2016, Berlin, Germany, 2016*.
- **P418. Zilberman, David. "Agricultural Biotechnology: The Promise and Prospects of Genetically Modified Crops." In *31st Biannual Research and Training Workshop, Kathmandu, Nepal, SANDEE, December 10, 2016*.
- **P419. Bansal, Sangeeta, and David Zilberman. "Does health care expenditure counter adverse effects of obesity on health: Evidence from global data." In *2017 Allied Social Science Association (ASSA) Annual Meeting, January 6-8, 2017, Chicago, Illinois, 2017*.
- **P420. Zilberman, David. "Agricultural Biotechnology: The Promise and Prospects of Genetically Modified Crops." In *Food First, February 1, 2017, Berkeley, California, 2017*.
- **P421. Zilberman, David. "Conserving Water Quantity: Risks and Benefits." In *Water Resources & Policy: Exploring the Risks, Benefits and Opportunities for Conservation, March 20, 2017, Washington D.C., The Council on Food, Agricultural & Resource Economics, 2017*.
- **P422. Zilberman, David. "The Economics of Sustainable Development." In *Spring Speaker Series, May 17, 2017, Portland State University, 2017*.
- **P423. Zilberman, David (Session Chair). "Breakthroughs in Science," In *2017 Annual Meeting of the International Consortium on Applied Bioeconomy Research, Berkeley, California, May 30-June 2, 2017*.
- **P424. Zilberman, David (Session Chair). "Investments in Public and Private R&D and Contributions to Technology Development and Agricultural Productivity," In *2017 Annual Meeting of the International Consortium on Applied Bioeconomy Research, Berkeley, California, May 30-June 2, 2017*.

- **P425. Bell, Kendom Bell, and David Zilberman. "The Potential for Renewable Fuels under Greenhouse Gas Pricing: The Case of Sugarcane," In *2017 Annual Meeting of the International Consortium on Applied Bioeconomy Research*, Berkeley, California, May 30-June 2, 2017.
- **P426. Graff, Greg, and David Zilberman. "Controlling CRISPR," In *2017 Annual Meeting of the International Consortium on Applied Bioeconomy Research*, Berkeley, California, May 30-June 2, 2017.
- **P427. Zilberman, David, Scott Kaplan, and Justus Wesseler. "Incorporating Biotechnology and Biofuel," In *2017 Annual Meeting of the International Consortium on Applied Bioeconomy Research*, Berkeley, California, May 30-June 2, 2017.
- **P428. Zilberman, David (Session Chair and Organizer). "Climate Smart Agriculture – Adapting to Climate Change in Developing Countries." *European Association of Environmental and Resource Economists (EAERE) 23rd Annual Conference*, Athens, Greece, June 28-July 1, 2017.
- **P429. Janda, Karel, Ondrej Filip, Ladislav Kristoufek, and David Zilberman. "Foods, fuels or finances: which prices matter for biofuels?." *European Association of Environmental and Resource Economists (EAERE) 23rd Annual Conference*, Athens, Greece, June 28-July 1, 2017.
- **P430. Hochman, Gal, and David Zilberman. "The political economy of market mediated incentives: the case of embodied technologies." *European Association of Environmental and Resource Economists (EAERE) 23rd Annual Conference*, Athens, Greece, June 28-July 1, 2017.
- **P431. Castillo, Federico, Keith Gilles, Angels Xabadia, and David Zilberman. "An integrated analysis of visitation and information-generation activities for protected areas." *European Association of Environmental and Resource Economists (EAERE) 23rd Annual Conference*, Athens, Greece, June 28-July 1, 2017.
- **P432. Zilberman, David (Co-organizer and Chair). "Nudging the Environment." *European Association of Environmental and Resource Economists (EAERE) 23rd Annual Conference*, Athens, Greece, June 28-July 1, 2017.
- **P433. Zilberman, David (Chair). "Renewable Energy: Spatial Analysis." *European Association of Environmental and Resource Economists (EAERE) 23rd Annual Conference*, Athens, Greece, June 28-July 1, 2017.

- **P434. Zilberman, David, and Kendon Bell. "The potential for renewable fuels under greenhouse gas pricing: the case of sugarcane in Brazil." *European Association of Environmental and Resource Economists (EAERE) 23rd Annual Conference*, Athens, Greece, June 28-July 1, 2017.
- **P435. Zilberman, David. "Bioeconomy Innovations and CSA," In *2017 Annual Meeting of the International Consortium on Applied Bioeconomy Research*, Berkeley, California, May 30-June 2, 2017.

Conference Organization

- CO1. Zilberman, David, and Jerome Siebert. *Symposium on the Economics of Reducing Pesticide Use*, University of California at Berkeley, October 26, 1990.
- CO2. Zilberman, David, Eithan Hochman, and David Bigman. *International Workshop and Conference on Food Problems in Developing Countries and the Potential Contribution of R&D to Their Solution*, Rehovot, Israel, December 10-13, 1990. Sponsored by BARD-US-Israel Agricultural Research and Development Fund, The Phillippe Monaster Center for Economics Research, and The Center for Research in Agricultural Economics, in collaboration with CINADCO - Ministry of Agriculture, Israel.
- CO3. Zilberman, David, R. Escalante, M. Pineiro, K. Reichelderfer, and A. Schmitz. *International Conference on Natural Resources and Environmental Management in an Interdependent World*, San Jose, Costa Rica, January 22-24, 1992. Sponsored by IICA and Resources for the Future.
- CO4. Zilberman, David. *The Economics of Water Markets in the West Conference*, Berkeley, California, July 17-18, 1997. Sponsored by the U. S. Environmental Protection Agency.
- CO4a. Zilberman, David. *Workshop on CO₂ Sequestration Schemes and Markets for Carbon Trading in U. S. Agriculture and Energy Sectors*. Phoenix Park Hotel, Washington, D. C., November 20, 1998. Sponsored by the U. S. Environmental Protection Agency and the Farm Foundation.
- CO5. Zilberman, David. *Conference on Agricultural Globalization, Trade and the Environment*, Alumni House, University of California at Berkeley, March 8, 1999. Sponsored by the College of Natural Resources, University of California at Berkeley; Department of Agricultural and Resource Economics, University of California at

Berkeley; Institute of Food and Agricultural Sciences, University of Florida; Food and Resource Economics Department, University of Florida; and Ben Hill Griffin, Jr., Endowed Chair, University of Florida,

- CO6. Zilberman, David. Organizing committee member, *1999 6th Meeting of the International Water and Resource Economics Consortium*, Kamuela, Hawaii, June 29-July 2, 1999.
- CO7. Zilberman, David, and Andrew Schmitz. *Climate Change, Pest Control and Agriculture Conference*, University Centre Hotel, Gainesville, Florida, September 9, 1999. Sponsored by the U. S. Environmental Protection Agency and the Department of Food and Resource Economics, University of Florida. For more details, see http://news.ifas.ufl.edu/print/1999/99_0830.html.
- CO8. Zilberman, David. *Conference on Carbon Sequestration and Climate Change: The Science and the Policy*, International House, University of California, Berkeley, March 23, 2000. Sponsored by the U. S. Environmental Protection Agency and the Center for Sustainable Resource Development, University of California Berkeley, For more details, see <http://mailman.cloudnet.com/pipermail/compost/2000-February/000884.html>.
- CO9. Zilberman, David. *Conference on Rural Policy: Issues, Data Needs, and Data Access*, Chevy Chase, Maryland, March 27, 2000. Sponsored by the Farm Foundation and the U. S. Economic Research Service, For more details, see <http://www.ext.nodak.edu/homepages/aeddept/dlambert/eval.htm>.
- CO10. Zilberman, David, and Steven Wolf. *Conference on Biotechnology and the Public Interest: Prospects of Biotechnology in the Development and Developed World*, the International House, University of California, Berkeley, California, April 28, 2000. Sponsored by the Center for Sustainable Resource Development, University of California at Berkeley, and the UC Biotechnology Center.
- CO11. Zilberman, David. “Water Pricing and Markets,” session organizer of the *75th Annual Western Economic Association International Conference*, Vancouver, British Columbia, June 29-July 3, 2000.
- CO12. Zilberman, David. “Technology Transfer and Intellectual Property,” the *75th Annual Western Economic Association International Conference*, Vancouver, British Columbia, June 29-July 3, 2000.
- CO13. Evenson, Robert, Luigi Paganetto, Vittorio Santaniello, L. Pasquale Scandizzo, and David Zilberman. Steering committee of *the International Consortium on Agricultural Biotechnology Research (ICABR)*, Ravello, Italy, August 24-28, 2000.

- CO14. Zilberman, David, and Greg Graff. *Conference on Intellectual Property Clearinghouse Mechanisms for Agriculture*, Bancroft Hotel, Berkeley, California, February, 2001. Sponsored by the Farm Foundation, Rockefeller Foundation, and the Giannini Foundation.
- CO15. Evenson, Robert, Luigi Paganetto, Vittorio Santaniello, L. Pasquale Scandizzo, and David Zilberman. Steering committee of the *International Consortium on Agricultural Biotechnology Research (ICABR)*, Ravello, Italy, June 15-18, 2001.
- CO16. Zilberman, David, *Conference on The Farm Bill and the Environment*, Phoenix Park Hotel, Washington, D. C., June 28 and 29, 2001. Sponsored by the Giannini Foundation, University of California at Berkeley; Center for Agriculture and Rural Development, Iowa State University, Ames, Iowa; and the Henry A. Wallace Center for Agricultural and Environmental Policy, Kansas State University.
- CO17. Zilberman, David. *The 25th International Conference of Agricultural Economists Reshaping Agriculture's Contributions to Society*, Pre-conference Water Workshop, International Centre, Durban, South Africa, August 17, 2003.
- CO18. Zilberman, David. *Workshop on Energy and Sustainable Growth in California: New Horizons for Innovation and Adoption*, City Club of Berkeley, Berkeley, California, April 22, 2005. Sponsored by CSRD and Giannini Foundation, University of California at Berkeley.
- CO19. Zilberman, David. FAO Workshop, *Environmental Services for Poverty Reduction and Food Security*, Lebanon Room, FAO, Rome, Italy, May 30-31, 2005.
- CO20. Zilberman, David. *Sustainable Development and Environmental Management*, St. Petersburg State University, Petergoff Campus, June 2-12, 2005.
- CO21. Alston, Julian, Richard E. Just, and David Zilberman. *Conference on Economics of Regulation of Agricultural Biotechnologies*, Arlington, Virginia, March 10-12, 2005. Sponsored by the Farm Foundation, The University of Maryland Center for Agricultural and Natural Resource Policy, and Giannini Foundation.
- CO22. Zilberman, David. *Conference on The Intersection of Energy and Agriculture: Implications of Biofuels and the Search for a Fuel of the Future*, Bancroft Hotel and Faculty Club, UC Berkeley, October 4-5, 2007. Sponsored by the USDA Economic Research Service, Energy Biosciences Institute, Farm Foundation, and Giannini Foundation.
- CO23. Zilberman, David, Gale Summerfield, Jurgen Scheffran, and Madhu Khanna.

Conference on Sustainable Biofuels and Human Security Workshop, University of Illinois, Urbana-Champaign, May 12, 2008.

- CO24. Zilberman, David. *Conference on the Future of Agricultural Biotechnology: Creative Destruction, Adoption, or Irrelevance?* 12th ICABR Conference in Honor of Vittorio Santaniello, Ravello, Italy, June 12-14, 2008.
- CO25. Zilberman, David. *Conference on Transition to a Bioeconomy: Risk, Infrastructure & Industry Evolution*, Doubletree Marina Hotel, Berkeley, California, June 24-25, 2008. Sponsored by the Farm Foundation USDA Office of Energy Policy and New Uses, USDA Economic Research Service, and Energy Biosciences Institute.
- CO26. Zilberman, David, and Carl Pray. *Conference on Biotechnology in Developing Countries*, Alumni House, UC Berkeley, January 23-24, 2009. Sponsored by International Consortium on Agricultural Biotechnology Research (ICABR), the Giannini Foundation, Berkeley Water Center, the Berkeley Institute of the Environment, and Energy Biosciences Institute.
- CO27. Zilberman, David. *Conference on Avian Influenza, Public Health, and Smallholders: Economic, Epidemiological, and Veterinary Modeling of Alternative Solutions*, Durant Hotel, Berkeley, California, April 16, 2009. Sponsored by United Nations FAO.
- CO28. Zilberman, David, and Carl Pray. *Conference on the Biofuel Situation and Policies in Developing Countries*, Bancroft Hotel, Berkeley, California, May 7-8, 2009. Sponsored by the USDA Office of Energy Policy and New Uses, USDA Economic Research Service, and Energy Biosciences Institute.
- CO29. Zilberman, David. *Conference on the Emerging Bio-Economy*, 13th ICABR Conference, Ravello, Italy, June 18-20, 2009.
- CO30. Zilberman, David. *Conference on Bioeconomy: Food, Energy and the Environment*, Lipman Room, UC Berkeley, July 1, 2009. Sponsored by the UCB Center of Sustainable Resource Development, Bearhs Environmental Leadership Program, and Energy Biosciences Institute.
- CO31. Zilberman, David. *Third Annual Berkeley Bioeconomy Conference, The Current Situation of Biofuel: Economics, Policy, Technology, and Research*, Berkeley, CA, June 24-25, 2010.
- CO32. Carter, Colin, Richard Sexton, and David Zilberman. *California's Climate Change Policy: The Economic and Environmental Impacts of AB 32*. The California Museum, Sacramento, October 4, 2010.

- CO33. Zilberman, David. *Fourth Annual Berkeley Bioeconomy Conference: The State of Biofuel and Biotechnology*, Berkeley, CA, March 24-25, 2011.
- CO34. Zilberman, David. *NC-1034 Conference: Biotechnology, Bioenergy, and Global Food Security*, Berkeley, CA, March 25-26, 2011.
- CO35. Zilberman, David. *Fifth Annual Berkeley Bioeconomy Conference: Renewable Resources*, Berkeley, CA, March 26-28, 2012.
- CO36. Zilberman, David. *Brazil/EBI, Expanding Biofuels Orientation*, Berkeley, CA, March 26, 2013.
- CO37. Zilberman, David. *Sixth Annual Berkeley Bioeconomy Conference: The Bioeconomy After the Election*, Berkeley, CA, March 27-28, 2013.
- **CO38. Zilberman, David. *Seventh Annual Berkeley Bioeconomy Conference: Biofuel as Part of a Sustainable Strategy*, Berkeley, CA, March 26-27, 2014.
<http://www.berkeleybioeconomy.com/program-2014/>.
- **CO39. Zilberman, David. *Eighth Annual Berkeley Bioeconomy Conference: The Future of Biofuels*, Berkeley, CA, April 1-2, 2015.
<http://www.berkeleybioeconomy.com/program-2015/>.
- **CO40. Zilberman, David. *Water Pricing for a Dry Future*, UC Center Sacramento, February 2-3, 2016.
- **CO41. Hochman, Gal, Madhu Khanna, and David Zilberman. *The Bio-Economy: Technology and Policy Path Forward*, Rutgers University, New Brunswick, New Jersey, September 20-October 1, 2016. <http://www.cpe.rutgers.edu/bio-economy/>.
- **CO42. Zilberman, David, Thomas Reardon, and Justus Wesseler. *Strategic Perspectives on Innovation in Agrifood Supply Chains 2016*, Berkeley, CA, April 19-21, 2016.
<https://iep.berkeley.edu/content/strategic-perspectives-innovation-agrifood-supply-chains-2016>.
- **CO43. Zilberman, David. *Annual International Consortium on Applied Bioeconomy Research: Bioeconomy in Transition- New Players and New Tools*, Berkeley, CA, March 30-June 2, 2017. <http://economia.uniroma2.it/icabr/conference-2017/>.
- **CO44. Zilberman, David, Thomas Reardon, John Scharffenberger, and Stuart Woolf. *Strategic Perspectives on Innovation in Agrifood Supply Chains 2016*, Berkeley, CA,

April 18-20, 2017. <https://iep.berkeley.edu/content/strategic-perspectives-innovation-agrifood-supply-chains-profitability-sustainability-and>.

- **CO45. Zilberman, David, Stephan Becker-Sonnenschein, and Justus Wesseler. *Global Food Summit 2017*, Berlin, Germany, November 29-30, 2017. <http://www.globalfoodsummit.com>.

Co-Edited Series

Series Coeditors (David Zilberman, Alberto Garrido, and Renan Goetz), *Natural Resource Management and Policy*, Springer, New York (book series formerly owned by Kluwer Academic Publishers, Norwell Massachusetts). Titles published to date include:

- S1. Russell, Clifford S., and Jason F. Shogren, editors. *Theory, Modeling and Experience in the Management of Nonpoint-Source Pollution*, 1993.
- S2. Wilhite, Donald A., editor. *Drought Assessment, Management, and Planning: Theory and Case Studies*, 1993.
- S3. Gowdy, John M. *Coevolutionary Economics: The Economy, Society and the Environment*, 1994.
- S4. Hueth, Darrell L., and William H. Furtan, editors. *Economics of Agricultural Crop Insurance: Theory and Evidence*, 1994.
- S5. Schmitz, Andrew, Kirby Moulton, Allan Buckwell, and Sofia Davidova, editors. *Privatization of Agriculture in New Market Economies: Lessons from Bulgaria*, 1994.
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- S13. Easter, K. William, M. W. Rosegrant, and Ariel Dinar, editors. *Markets for Water*, 1998.
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- S16. Spulber, Nicolas, and Asghar Sabbaghi. *Economics of Water Resources: From Regulation to Privatization, Second Edition*, 1998.
- S17. Casey, Frank, Andrew Schmitz, Scott Swinton, and David Zilberman, editors. *Flexible Incentives for the Adoption of Environmental Technologies in Agriculture*, 1998.
- S18. Feitelson, Eran, and Marwan Haddad, editors. *Management of Shared Groundwater Resources: The Israeli-Palestinian Case with an International Perspective*, 2001.
- S19. Haddadin, Munther J. *Diplomacy on the Jordan: International Conflict and Negotiated Resolution*, 2001.
- S20. Moss, Charles B., Gordon C. Rausser, Andrew Schmitz, Timothy G. Taylor, and David Zilberman. *Agricultural Globalization, Trade, and the Environment*, 2001.
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- S22. Dinar, Ariel, and David Zilberman, editors. *Economics of Water Resources: The Contributions of Dan Yaron*, 2002.
- S23. Just, Richard E., and Rulon D. Pope. *A Comprehensive Assessment of the Role of Risk in U. S. Agriculture*, 2002.

- S24. Renzetti, Steven. *The Economics of Water Demands*, 2002.
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- S27. Cooper, Joseph, Leslie Marie Lipper, and David Zilberman. *Agricultural Biodiversity and Biotechnology in Economic Development*, 2005.
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- S29. Goetz, Renan-Ulrich, and Dolors Berga. *Frontiers in Water Resource Economics*, 2006.
- S30. Just, Richard E., Julian M. Alston, and David Zilberman. *Regulating Agricultural Biotechnology: Economics and Policy*, 2007.
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- S33. Alston Julian M., Matthew A. Andersen, Jennifer S. James, and Philip G. Pardey. *Persistence Pays: U.S. Agricultural Productivity Growth and the Benefits from Public R&D Spending*, 2009.
- S34. Khanna, Madhu, Jürgen Scheffran, and David Zilberman. *The Handbook of Bioenergy Economics and Policy*. New York: Springer, 2010.

****Indicates new since last review.**