



GIANNINI • REPORTER

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2005-2007

GIANNINI FOUNDATION OF AGRICULTURAL ECONOMICS

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Giannini Foundation Web Site

<http://giannini.ucop.edu>

UC Berkeley Department of Agricultural and Resource Economics and Policy Web Site

www.are.berkeley.edu

UC Davis Department of Agricultural and Resource Economics Web Site

www.agecon.ucdavis.edu

UC Riverside Department of Environmental Sciences Web Site

www.envisci.ucr.edu

The Giannini Foundation of Agricultural Economics was founded in 1930 from a grant made by Bancitaly Corporation to the University of California in tribute to its organizer and past president, Amadeo Peter Giannini of San Francisco. Members and associate members of the Giannini Foundation are University of California faculty and Cooperative Extension specialists in agricultural, resource, and environmental economics on the Berkeley, Davis, and Riverside campuses. The broad mission of the Foundation is to promote and support research and outreach activities in agricultural economics and rural development relevant to California. For more information on the Giannini Foundation, please visit our Web site at <http://giannini.ucop.edu>.

The *Giannini Reporter* is a biennial summary of the activities of the Foundation and its members. Many of the publications in the Foundation's Monograph, Research Report, and Information Series are available for downloading in PDF format from the Web site.

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Members and Associate Members of the Giannini Foundation 2005–2007

Berkeley

- Michael Anderson, assistant professor. *Environmental economics, health economics, and applied econometrics.*
- Maximilian Auffhammer, assistant professor. *Environmental economics and econometrics.*
- Peter Berck, professor. *Environment, renewable resources, water economics, portfolio choice, risk and futures.*
- Alain de Janvry, professor. *Agricultural policy and rural development in the Third World, including price policy, technological change, land reform, and integrated rural development projects.*
- Anthony C. Fisher, professor. *Environmental and resource economics, climate change, decisions under uncertainty.*
- J. Keith Gilles, professor. *Forest economics, management, wildland fire management, regional economics, forest industries and trade.*
- W. Michael Hanemann, professor. *Economics of the environment, nonmarket valuation, economics of water, economics of climate change, economics of irreversibility, disaggregate choice modeling.*
- Ann Harrison, professor. *Trade policy, foreign investment, globalization, developing countries.*
- Guido W. Imbens, professor. *Econometric theory, applied econometrics, program evaluation.*
- Larry S. Karp, professor. *International trade policy, industrial organization, environmental and resource economics, dynamic games.*
- Jeffrey T. LaFrance, professor. *Agricultural policy, econometrics, microeconomic behavior and natural resources.*
- Ethan Ligon, associate professor. *Growth and development, agricultural contracts, applied econometrics, information and uncertainty.*
- Richard B. Norgaard, professor. *Ecological, energy, environmental, and development economics; sociology and epistemology of collectively understanding complex systems.*
- Jeffrey M. Perloff, professor and chair, Department of Agricultural and Resource Economics and Policy. *Industrial organization, labor, international trade, law and economics, information and marketing.*
- Gordon C. Rausser, Robert Gordon Sproul Distinguished Professor. *Agricultural economics, collective decision-making, futures and options markets, industrial organization, law and economics, natural resource and environmental economics, public policy and economic regulation, quantitative models, statistical decision theory.*
- David Roland-Holst, adjunct professor. *International trade, policy modeling, environment and natural resources, economic growth and development.*
- Jeffrey M. Romm, professor. *Resource and environmental policy; distribution, economic growth, and environment; forest, river basin, and water institutions.*
- Howard R. Rosenberg, Cooperative Extension economist. *Agricultural human resource management in relation to production technology, labor market conditions, and public policy.*
- Elisabeth Sadoulet, professor. *Economic development, agricultural policy, rural institutions, contract theory.*
- Leo Simon, adjunct professor. *Game theory with applications to agricultural and resource problems, multilateral negotiations, water, private-public partnerships.*
- David L. Sunding, professor and Cooperative Extension economist. *Water resources, land use, wetlands and endangered species, environmental and natural resource policy, law and economics.*
- Sofia B. Villas-Boas, assistant professor. *Applied econometrics, empirical industrial organization.*
- Brian D. Wright, professor. *Agricultural policy; economics of markets for storable commodities, research incentives, conservation of biodiversity, and intellectual property rights; dynamic analysis of patenting of research inputs; theory of commodity price behavior and speculation; crop insurance.*
- David Zilberman, George and Elsie Robinson Professor. *Agricultural, water, and environmental policy design; economics of technological change; pest control and biotechnology; marketing and risk.*

Arnold Zellner, adjunct professor. *Econometrics, decision theories.*

Alix Peterson Zwane, Cooperative Extension economist. *Trade and environment, causes of land-use change, incentives for agricultural R&D, climate change policy.*

Davis

Julian M. Alston, professor. *Economics of government policy affecting agriculture, natural resources, and economic development.*

Steven C. Blank, Cooperative Extension economist. *Financial and risk management, management decision-making.*

Stephen R. Boucher, assistant professor. *Development economics, economics of agrarian contracts.*

L. J. (Bees) Butler, Cooperative Extension economist. *Dairy and poultry marketing, food and agricultural policy, market structure and technological change, intellectual property rights.*

Hoy F. Carman, professor. *Agricultural marketing, impacts of taxes on agriculture.*

Colin A. Carter, professor. *International trade, futures markets, commodity markets.*

James A. Chalfant, professor and chair, Department of Agricultural and Resource Economics, 2005–2006. *Econometrics, agricultural marketing and demand analysis, risk and uncertainty, agricultural production and supply, environmental economics.*

Roberta L. Cook, Cooperative Extension economist. *Marketing of fresh fruits and vegetables, food distribution, international trade, competitiveness.*

Y. Hossein Farzin, professor. *Environmental and natural resource economics, development economics, energy economics, microeconomics.*

Rachael E. Goodhue, associate professor. *Agricultural marketing, industrial organization, contracting, agricultural policy and regulation.*

Richard D. Green, professor. *Econometrics, demand analysis, price analysis.*

Shermain Hardesty, Cooperative Extension economist. *Cooperatives, value-added marketing, food distribution.*

Arthur M. Havenner, professor. *Econometrics, forecasting, optimal control.*

Richard E. Howitt, professor and chair, Department of Agricultural and Resource Economics, 2006–2007. *Resource economics, optimal dynamic policies, value of information, sectoral analysis, water allocation.*

Lovell S. Jarvis, professor and associate dean, College of Agricultural and Environmental Sciences. *Agricultural and economic development, food and nutrition policy, livestock economics, agricultural research policy, international trade.*

Karen M. Klonsky, Cooperative Extension economist. *Farm management, pest management, sustainable agriculture, cost of production, organic agriculture.*

Douglas M. Larson, professor. *Applied welfare economics, economics of risk and information, nonmarket valuation, environmental and natural resource economics.*

Hyunok Lee, researcher. *California agriculture, risk management, trade, agricultural policy.*

C.-Y. Cynthia Lin, assistant professor. *Environmental and natural resource economics, energy economics, industrial organization, applied microeconomics.*

Peter H. Lindert, professor. *Modern economic history, agricultural history, fiscal redistribution, inequality.*

Travis J. Lybbert, assistant professor. *Economic development, poverty dynamics, risk and uncertainty, technology transfer and adoption, intellectual property, environment and biodiversity.*

Philip L. Martin, professor. *Immigration policy, farm and rural labor markets, rural development.*

Alan L. Olmstead, professor. *Agricultural history, causes and consequences of technological change, sources of productivity growth, induced innovation, international trade and international diffusion of new technologies.*

Quirino Paris, professor. *Microeconomics, mathematical economics, mathematical programming, econometrics.*

Catherine J. Morrison Paul, professor. *Production and market structure, cost economics, productivity, factor demand.*

Scott D. Rozelle, professor. *Development economics, economics of transition.*

Richard J. Sexton, professor. *Cooperatives, agricultural marketing, industrial organization.*

Aaron D. Smith, assistant professor. *Econometrics, finance.*

Daniel A. Sumner, Frank H. Buck, Jr. Professor. *Economics of agriculture, agricultural policy analysis, international trade, wine economics.*

J. Edward Taylor, professor. *Agriculture in economic development, population and human resources, applied econometrics.*

Stephen A. Vosti, associate adjunct professor.
Tropical deforestation; poverty and environment links; climate change; trade-offs among environmental sustainability, growth, and poverty alleviation.

James E. Wilen, professor. *Natural resource economics, environmental economics, microeconomics.*

Jeffrey C. Williams, Daniel Barton DeLoach
Professor. *Commodity markets, financial markets, resource economics, mathematical programming, econometrics, economic history.*

Riverside

Kenneth Baerenklau, assistant professor.
Environmental and natural resource economics, nonpoint source pollution control, conservation technology adoption, nonmarket valuation.

Bowman (Bo) W. Cutter, assistant professor and Cooperative Extension assistant specialist. *Public economics, environmental economics, applied econometrics, water resource economics and federalism.*

Linda M. Fernandez, associate professor.
Environmental and natural resource economics, international trade and transboundary pollution, environmental policy analysis.

Keith C. Knapp, professor. *Water resource economics, natural resource and environmental aspects of agricultural production, economic growth, natural resources and sustainability.*

Kurt A. Schwabe, associate professor. *Economics of nonpoint source pollution, nonmarket valuation, deforestation in developing countries, alternative regulatory instruments for pollution control, applied econometrics.*

New Appointment – Berkeley

Jeremy Magruder, assistant professor

New Appointment – Davis

Pierre Mérel, assistant professor

Division of Agricultural and Natural Resources

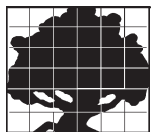
W.R. (Reg) Gomes, vice-president.

Emeriti

Irma Adelman	Samuel H. Logan
Lee C. Benson	Alex F. McCalla
Oscar R. Burt	Chester O. McCorkle
Harold O. Carter	William McKillop
Lawrence S. Davis	Kirby S. Moulton
Kenneth Farrell	Refugio I. Rochin
Ben C. French	Robert O. Rock
B. Delworth Gardner	Gordon A. Rowe
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Gordon A. King	L. Tim Wallace
Sylvia Lane	William W. Wood, Jr.
Elmer W. Learn	Edward A. Yeary

In Memorium

George B. Alcorn	John W. Mamer
Jerry Foytik	Doyle A. Reed
Jean Lanjouw	John A. Zivnuska



Awards and Honors Received by Giannini Foundation Members, 2005–2007

- Julian M. Alston, Australian Agricultural and Resource Economics Society, Blackwell Prize for Best Article for “Supply and Demand for Commodity Components: Implications of Free Trade versus the AUSFTA for the U.S. Dairy Industry” in the *Australian Journal of Agricultural and Resource Economics*, 2007.
- Julian M. Alston, Australian Agricultural and Resource Economics Society, Prize for Quality of Communication for *Agricultural R&D Policy in the Developing World: Too Little, Too Late?*, 2007.
- Maximilian Auffhammer, National Academy of Sciences, Cozzarelli Prize, 2006.
- Maximilian Auffhammer, University of California, Berkeley, College of Natural Resources, Young Faculty/Cooperative Extension Specialist Award, 2007.
- Maximilian Auffhammer, University of California, Berkeley, Sarlo Distinguished Graduate Student Mentoring Award, 2007.
- Steven C. Blank, Gamma Sigma Delta Honor Society for Agriculture, Member, 2005.
- Steven C. Blank, Western Agricultural Economics Association, Outstanding Journal Article for “Profit Patterns across American Agriculture” in the *Journal of Agricultural and Resources Economics*, 2006.
- Hoy F. Carman, International Food and Agribusiness Management Review, Best Paper Contribution in Communication of Agri- and Food Management and Business Theory for “Discovering and Promoting Health Attributes: Programs and Issues,” 2007.
- Anthony C. Fisher, Association of Environmental and Resource Economists, Distinguished Fellow, 2006.
- J. Keith Gilliss, University of California, Berkeley, Department of Environmental Science, Policy, and Management, Award for Undergraduate Teaching Excellence, 2006.
- W. Michael Hanemann, Association of Environmental and Resource Economists, Distinguished Fellow, 2005.
- Richard E. Howitt, American Agricultural Economics Association, Quality of Research Discovery Award for “Estimating Intertemporal Preferences for Natural Resource Allocation” in the *American Journal of Agricultural Economics*, 2006.
- Desmond A. Jolly, Gamma Sigma Delta Honor Society for Agriculture, Member, 2005.
- Desmond A. Jolly, American Agricultural Economics Association, Outstanding Black Agricultural Economist Award, 2005.
- George G. Judge, University of California, Berkeley, Distinguished Emeritus of the Year, 2005–2006.
- Karen M. Klonsky, Gamma Sigma Delta Honor Society for Agriculture, Member, 2006.
- Keith C. Knapp, American Agricultural Economics Association, Quality of Research Discovery Award for “Estimating Intertemporal Preferences for Natural Resource Allocation” in the *American Journal of Agricultural Economics*, 2006.
- Jeffrey T. LaFrance, Western Agricultural Economics Association, Distinguished Scholar Award, 2006.
- Hyunok Lee, Australian Agricultural and Resource Economics Society, Prize for Quality of Communication for *Agricultural R&D Policy in the Developing World: Too Little, Too Late?*, 2007.
- C.-Y. Cynthia Lin, International Society for New Institutional Economics, Finalist, Best Ph.D. Dissertation Award for “Three Essays on the Economics of the Environment, Energy, and Externalities,” 2006.
- C.-Y. Cynthia Lin, Harvard University John F. Kennedy School of Government, Stone Fellow Award for Best Paper Written by Doctoral Student in Environmental and Resource Policy for “Do Firms Interact Strategically? An Empirical Analysis of Investment Timing Decisions in Offshore Petroleum Production,” 2006.
- Travis J. Lybbert, Florida Atlantic University, Wilkes Honor College, Distinguished Teacher of the Year, 2005–2006.
- Alan L. Olmstead, Economic History Association, President Elect, 2006–2007.
- Quirino Paris, American Agricultural Economics Association, Quality of Research Discovery Award for “An Atemporal Microeconomic Theory and an Empirical Test of Price-Induced Technical Progress” in the *Journal of Productivity Analysis*, 2006.

- Catherine J. Morrison Paul, American Agricultural Economics Association, Fellow, 2006.
- Jeffrey M. Perloff, University of California, Berkeley, Unsung Hero Teaching Award, 2005.
- Howard R. Rosenberg, American Agricultural Economics Association, Outstanding Extension Agricultural Economics Web Site Award, 2005.
- Scott D. Rozelle, American Agricultural Economics Association, Quality of Research Discovery Award for “Success and Failure of Reform: Insights from the Transition of Agriculture” in the *Journal of Economic Literature*, 2005.
- Kurt A. Schwabe, Commonwealth Scientific and Industrial Research Organization, Australia, Flagship Fellowship, 2007–2008.
- Richard J. Sexton, American Agricultural Economics Association, Adviser to Outstanding Ph.D. Dissertation Award for “Cattle, Contracts, and Grocery Retailers: Three Essays on Industrial Organization in Agricultural Markets” by Tian Xia, 2005.
- Richard J. Sexton, Western Agricultural Economics Association, Outstanding Published Research Award for “A Multinomial Logit Framework to Estimate Bid Shading in Procurement Auctions: Application to Cattle Sales in the Texas Panhandle” in *Review of Industrial Organization*, 2006.
- Daniel A. Sumner, American Agricultural Economics Association, Honorable Mention, Outstanding *Review of Agricultural Economics* Article for “Capitalization of Farm Policy Benefits and the Rate of Return to Policy-Created Assets: Evidence from California Dairy Quota” in *Review of Agricultural Economics*, 2006.
- Daniel A. Sumner, Australian Agricultural and Resource Economics Society, Prize for Quality of Communication for *Agricultural R&D Policy in the Developing World: Too Little, Too Late?*, 2007.
- Daniel A. Sumner, Australian Agricultural and Resource Economics Society, Blackwell Prize for Best Article for “Supply and Demand for Commodity Components: Implications of Free Trade versus the AUSFTA for the U.S. Dairy Industry” in the *Australian Journal of Agricultural and Resource Economics*, 2007.
- Sofia B. Villas-Boas, University of California, Berkeley, Sarlo Distinguished Graduate Student Mentoring Award, 2007.
- Stephen A. Vosti, Consultative Group on International Agricultural Research, Science Award for Outstanding Partnership for “Alternatives to Slash-and-Burn Agriculture” Program, 2005.
- James E. Wilen, Institute for Transportation Studies, Supervisor for Outstanding Thesis for “Cars and the City: An Investigation of Transportation and Residential Location Choices in New York City” by Deborah Salon, 2005.
- James E. Wilen, Duke University Marine Lab, Distinguished Conservation Scholar, 2005.
- James E. Wilen, Resources for the Future, Finalist for the Frontiers in Environmental Economics Conference for “The Importance of Spatial-Dynamic Processes in Renewable Resource Economics,” 2006.
- Arnold Zellner, Erasmus University, Rotterdam, Honorary Degree, 2006.
- David Zilberman, Giannini Foundation of Agricultural Economics, Director, 2003–2007.
- David Zilberman, American Agricultural Economics Association, Publication of Enduring Quality Award for “Adoption of Agricultural Innovations in Developing Countries: A Survey” in *Economic Development and Cultural Change* in 1985, 2005.
- David Zilberman, University of California, Berkeley, College of Natural Resources, Citation, 2007.



Giannini-Sponsored Research Projects

To inquire about publications stemming from these projects, contact the principal investigators directly. Foundation members are listed by campus in this *Reporter*. In many cases research is not yet complete, so publications may not be available.

Projects Funded for 2006–2007

- Does the USDA Make Us Fat?* Julian M. Alston.
The Causes and Consequences of Rural to Urban Migration in Mexico and China and the Implications for the U.S. (California), Steven R. Boucher, J. Edward Taylor, and Scott D. Rozelle.
A Preliminary Investigation of Demand Determinants for California Nursery and Floral Products, Hoy F. Carman.
The California Strawberry Industry's Response to State Regulation of Methyl Bromide, James A. Chalfant and Colin A. Carter.
Environmental Quality in California: The Role of Economic, Social, and Political Factors, Y. Hossein Farzin.
The Potential Impact of Global Warming on Irrigated Agriculture in California, Anthony C. Fisher.
Microfilm Preservation Project, UC Berkeley's Giannini Foundation Library, Susan Garbarino.
Economic Analysis of Strategies for Reducing Volatile Organic Compound Emissions from Pesticide Use in the San Joaquin Valley, Rachael E. Goodhue.
California Regional Winegrape Price Determination, Arthur M. Havenner.
Adapting to Water Shortages in Northern China: Institutional Change in Irrigation Management and Water Saving Technology Adoption, Richard E. Howitt and Scott D. Rozelle.
Water Distribution: Experiments on the Interaction of Type and Structure, Richard J. Sexton.
Impacts of Developed-Country Food Quality Standards on Agriculture in Developing Countries: Application to the Pineapple Industry in Ghana, Richard J. Sexton and Lovell S. Jarvis.
A Comparison of Farmland Conservation Programs in California, Douglas M. Larson.
Changes to the "Width of the Border" and the Export Competitiveness of California Agriculture, Ethan Ligon.

- Bilateral Free Trade Agreements, the Future of International Agriculture Trade? The Effects of a U.S.-Malaysia FTA on the California Lumber Industry and Implications for Other California Agriculture Exports*, Alex F. McCalla.
WIC Program's Effect on Infant Formula Prices and Sales, Jeffrey M. Perloff.
The Effect of Land Trusts on Land Allocation and Housing Prices in California, Gordon C. Rausser.
Explaining Spatial and Temporal Variation in California Gasoline and Diesel Prices, Aaron D. Smith.
The Impact of Information via Expert Opinions on Consumer Purchase Patterns, Sofia B. Villas-Boas.
Does Patent Protection Lead to More and Faster Development of University Innovation? Evidence from Management of Ag-Biotech Inventions by UC TTO, Brian D. Wright.
Adoption and Potential Precision Farming in California Agriculture, David Zilberman.

Projects Funded for 2007–2008

- Public Research for California Specialty Crops*, Julian M. Alston.
Advances in Recreation Demand Modeling with an Application to Southern California Wilderness Areas, Kenneth Baerenklau, Bowman Cutter, and Kurt A. Schwabe.
Index Insurance and Agricultural Risk: A Dynamic Analysis, Stephen R. Boucher.
Agricultural Technology Disadoption: California Dairy Producers and Recombinant Bovine Somatotropin, Leslie J. Butler.
From Orange Juice to Cattle: Using Intertemporal Price Spreads to Measure the Influence of Hedge Funds in Futures Markets, Colin A. Carter.
Improving Veterinary Health Care Delivery for Underserved Areas: A Pilot Project for Found Valley, California, James A. Chalfant.

Digitization of Historical Cost and Return Studies at the Agricultural and Resource Economics Library, University of California, Davis, Barbara Hegenbart and Pete Livingston.

Water Quality in California: The Role of Economic, Social, and Political Factors, Y. Hossein Farzin.

Optimal Promotion and Production Research Expenditures for Commodity Groups in the Presence of Buyer Market Power, Rachael E. Goodhue.

Economic Wealth and the Extensive Margin, Jeffrey T. LaFrance.

Grape Growers and the Economics of the Powdery Mildew Index, Travis J. Lybbert.

Immigration Reform: Implications for California Agriculture, Philip L. Martin.

Agricultural Mechanization: Lessons from the Past and Prospects for the Future, Alan Olmstead.

The Effect of 9/11 on the Agricultural Labor Market, Jeffrey M. Perloff.

An Economic and Political Investigation of Groundwater Management, Gordon C. Rausser.

California Agriculture in a Changing Energy Economy, David Roland-Holst.

The Implications of Marketing-Order Quality Regulations in a Free-Market Environment, Richard J. Sexton and Hoy F. Carman.

The Supply of Mexican Labor to U.S. and California Farms, J. Edward Taylor.

Gasoline Prices, Grocery Expenditures, and Consumption: Revisiting the Income Effect, Sofia B. Villas-Boas.

Economics of Environmental Services in California Agriculture, James E. Wilen.



Ph.D. Recipients and Dissertation Titles, 2005–2007

Copies of dissertations may be obtained from Bell & Howell, P.O. Box 1346, 300 North Zeeb Road, Ann Arbor, Michigan 48106 (www.bellhowell.infolearning.com).

Berkeley

- Emma Aisbett, *Three Essays on Globalization and Sustainable Development*.
- Sarah Baird, *Three Seemingly Unrelated Essays in Development Economics*.
- Sara Boettiger, *Weak Patents, Open Source Patenting, and Implications of the Bayh-Dole Act in Developing Countries*.
- Christopher Busch, *Deforestation in the Southern Yucatan: Recent Trends, Their Causes, and Policy Implications*.
- Claudio Ferraz Do Amaral, *Essays on the Political Economy of Corruption and Environmental Regulation in Brazil*.
- Frederico Finan, *Political Patronage, Corruption, and Local Development*.
- Meredith Fowlie, *Firm Behavior in Pollution Permit Markets*.
- James Hilger, *The Impact of Water Quality on Southern California Beach Recreation: A Finite Mixture Model Approach*.
- Michelle McGregor, *The Economics of Environmental Permitting*.
- Karina Schoengold, *Natural Resource Pricing, Allocation, and Capital Investment*.
- Manisha Shah, *Risk Behavior, Occupational Choice, and Regulation of Sex Workers: Evidence from Ecuador and Mexico*.
- Jayashree Sil, *Risk in U.S. Agriculture: Insurance, Forward Contracts, Adverse Selection, and Moral Hazard*.
- Ralf Steinhauser, *Emissions Forecasting and Voluntary State and Firm Level Reductions*.
- Ruth Uwaiwo, *Three Essays on the Return to Education Enigma in Nigeria*.
- Hendrik Wolff, *Testing Simulation and Structural Models with Applications to Energy Demand*.

Davis

- Byeongil Ahn, *Market Power and Policy in the U.S. Dairy Industry*.
- Matt Andersen, *Pro-cyclical Productivity Patterns in U.S. Agriculture*.
- Craig Bond, *Time and Trade-offs in Agroecosystem Environments: Essays on Natural Resource Use and Sustainability*.
- Min Chang, *The Effect of Grain Trade Liberalization on Food Security of Grain Farm Households in China*.
- Catherine Guirking, *Risk and the Structure of Rural Credit Markets*.
- Caroline Gunning-Trant, *AD infinitum: The Use and Impact of NAFTA Trade Remedy Law*.
- Qiuqiong Huang, *Water Pricing Policy in Rural China*.
- Krista Jacobs, *Nutrition Interventions in Northern Ghana: Determinants of Participation and Impacts on Knowledge and Practice*.
- David Kennedy, *An Economic Analysis of the Human Health Impacts of Antibiotic Use in Food Animal Production and the Demand for Antibiotic-Free Meat*.
- Yun-shik Kim, *Net Benefits of the Adoption of Tong-il Rice in Korea*.
- Gorm Kipperberg, *Pro-Environmental Behavior and Preferences: Empirical Investigations of Participation in and Willingness to Pay for Community Recycling Programs*.
- Kent Kovacs, *Natural Amenity Benefits and the Residential Development Market*.
- Xianghong Li, *Agricultural Tariff Rate Quotas: Impacts on Market Access*.
- Alejandro Lopez-Feldman, *Rural Households, Natural Resources, and Poverty: Three Essays on the Economics of Extraction in the Lacandona Rainforest, Mexico*.
- Gregory McKee, *Pesticide Resistance, Population Dynamics, and Invasive Species Management*.
- Pierre Mérel, *Three Essays on Supply Control Policies in Protected Designations of Origin*.

Fangbin Qiao, *Refuge Policies to Manage the Resistance of Pest Populations to Genetically Modified (GM) Crops.*

Deborah Salon, *Cars and the City: An Investigation of Transportation and Residential Location Choices in New York City.*

Danielle Torres, *Three Essays on Agricultural Industries' Market Structure and Export Performance in Brazil and Orange Juice Demand in the United States.*

Emi Uchida, *Forest Ecosystem Services and Rural Development: The Grain for Green Program in China.*

Hirotsugu Uchida, *Collective Fishery Management in TURFs: The Role of Effort Coordination and Pooling Arrangements.*

Rocio Uria, *Determinants of Natural Gas Storage Decisions in California: Seasonality, Regulation, and Futures Prices.*

Santhi Wicks, *Optimal Sustainable Agricultural Technologies: An Empirical Analysis of California Cover Cropping.*

Jian Zhang, *Three Essays on Off-Farm Self-Employment, Government Regulation, and Political Rents in Rural China.*

Riverside

Subhadip Chattopadhyay, *Investigating Space-Time Autoregressive Error Models: Test and Application to Deer-Vehicle Collisions.*

Colleen Howell, *Nontimber Forest Product Collection as a Livelihood Strategy for Rural Indigenous Households: A Case Study of the Jah Hut of Peninsular Malaysia.*



Giannini Foundation Publications, 2005–2007

The Giannini Foundation publishes research by members and associate members in four categories: monographs, research reports, information series reports, and special reports. The purpose of each series is described below and the more recent publications from each series are listed. For publications that remain in print, single copies may be ordered using the form on pages 30 and 31.

The Monograph Series

The purpose of the Monograph Series is to provide an outlet for reports of research that are longer than journal papers but directed to the same audience and appraised by criteria equivalent to those of leading technical journals in agricultural economics. The first seventeen monographs were published in the University of California's *Hilgardia* series. In 1967, the Giannini Foundation began a separate series for reports in agricultural economics but continued the numbering sequence.

Monograph Abstract

Leo Simon, Rachael E. Goodhue, Gordon C. Rausser, Sophie Thoyer, Sylvie Morardet, and Patrick Rio.
Structure and Power in Multilateral Negotiations: An Application to French Water Policy, Giannini Foundation Monograph 47, June 2007.

Stakeholder negotiation is an increasingly important policymaking tool. However, relatively little is understood about the relationship between the structure of the negotiating process and the effectiveness with which stakeholders can pursue their individual interests. We apply the Rausser-Simon multilateral bargaining model to a specific negotiation process involving water storage capacity and use in the upper Adour Basin in southwestern France. We focus on a coalition of three stakeholder groups with aligned but distinct interests. In addition to the standard indices of bargaining power—the distribution of political weights (“access”) and players’ utilities if an agreement is not reached, our analysis identifies other less obvious sources of power. First, a coalition member may benefit when his access is reduced if the redistribution increases the access of another coalition member who has a more favorable “strategic location.” Second, the interests of the coalition as a whole will usually, but not always, be advanced if its members cede access to a “spokesman” representing their common interests. However, some members may be adversely affected.

Third, restricting the extent to which coalition members can make proposals that further their own individual interests at the expense of other coalition members will usually, but not always, harm the coalition as a whole.

The Research Report Series

The Research Report Series is designed to communicate research results to specific professional audiences (e.g., agricultural industry economists, resource agency staffs, and other professionals) interested in applications. Such reports have significant analytical content but are developed and presented with this audience in mind.

Information Series Reports

Reports in the Information Series communicate selected research results to a lay audience. The Information Series is numbered serially within years.

Special Reports

Special Reports provide an outlet for items that are worthy of publication but do not fit into other series.



Articles in *ARE Update*, 2005–2007

ARE Update was published quarterly from Fall 1997 through Summer 2001 by the Department of Agricultural and Resource Economics at University of California, Davis. Since then, *ARE Update* has been published bimonthly under the auspices of the Giannini Foundation with articles contributed by members of the Foundation. The purpose of *ARE Update* is to provide information to a broad audience on important economic questions and issues in California. Domestic subscriptions to *ARE Update* are free and can be requested by e-mail to julie@primal.ucdavis.edu.

Vol. 8, No. 6, July/Aug, 2005

- Hardesty, S.D. "The Bottom Line on the Conversion of Diamond Walnut Growers."
 Sumner, D.A., H. Brunke, J.M. Alston, R.S. Gray, and A.K.A. Acquaye. "Industry Initiated Regulation and Food Safety: The New Federal Marketing Order for Pistachios."
 Blank, S.C. "The Relationship between Price Risk Management Tools and Off-Farm Income."

Vol. 9, No. 1, Sept/Oct, 2005

- Co-editors' Introduction. "Special Issue: China's Agricultural Boom, with Implications for California."
 Rozelle, S., J. Huang, and R. Hu. "Genetically Modified Rice in China: Effects on Farmers in China and California."
 Carter, C.A., J.A. Chalfant, and R.E. Goodhue. "China's Strawberry Industry: An Emerging Competitor for California?"
 Kahrl, F., D. Roland-Holst, and D. Zilberman. "New Horizons for Rural Reform in China: Resources, Property Rights, and Consumerism."

Vol. 9, No. 2, Nov/Dec, 2005

- Carter, C., P. Martin, and A.P. Zwane. "Trade and North American Agriculture: Assessing NAFTA at Twelve."
 Smith, A., and C.J.M. Paul. "Does the Internet Increase Farm Profits?"
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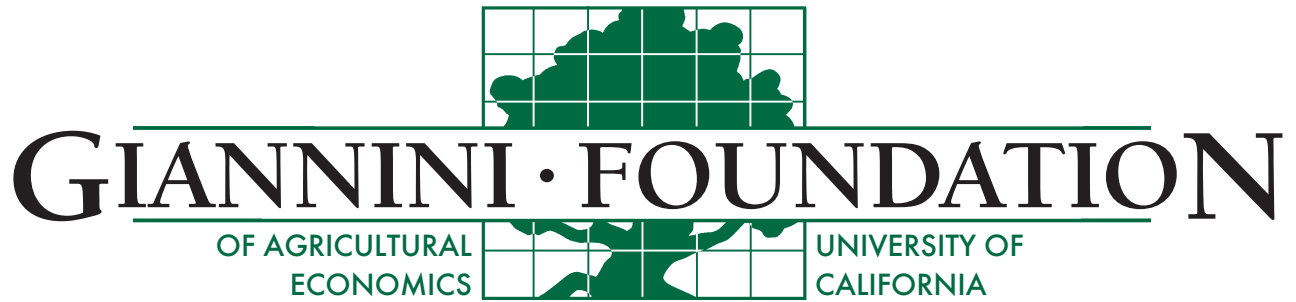
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