

Name **GORDON C. RAUSSER**

Title Robert Gordon Sproul Distinguished Professor
University of California, Berkeley

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AWARDS AND HONORS

Selected as Editor of Annual Review of Resource Economics, 2007-2011
Robert Gordon Sproul Distinguished Professor, University of California, Berkeley, 1986–
College of Natural Resources Citation, University of California, Berkeley, 2004
Galbraith Forum Lecture, 2003
Research Fellow and Member of Research Council, Rural Development Research Consortium,
University of California, Berkeley, 2002
AAAS, Chair of the Electorate Nominating Committee for the Section on Social, Economic, and
Political Sciences, 2001–2002
AAEA Quality of Research Discovery Award, 2001
USDA Secretary of Agriculture Award for outstanding accomplishments in the areas of agricultural
public policy research and formulation, 2000
Senior Economic Consultant, Charles River Associates, 2000-2005
Cofounder and Principle, LECG, Inc., 1990–2000
UC Berkeley, Board of Trustees, 1994-2001
AAEA Fellows Address, 1999
Member, Economic Discipline Board, Fulbright Scholarship Awards, 1989–96
WAEA Outstanding Published Research Award (“Price Distorting Compensation Serving the
Consumer and Taxpayer Interest”), 1994
Member, Board for International Development Studies, Fletcher School of Law and Diplomacy,
Tufts University, 1992–94
Fellow of the American Association for the Advancement of Science, 1993
AAEA Publication of Enduring Quality Award for contributions to environmental economics,
statistical decision theory, and natural resource analysis, 1993
AAEA Distinguished Policy Contribution Award for econometric analysis of public policies, 1993
AAEA Outstanding Journal Article Award Finalist (“Productive and Predatory Public Policies:
Research Expenditures and Producer Subsidies in Agriculture”), 1992
Editor, *Agricultural Management and Economics*, Springer-Verlag, 1988–92
Fellow of the American Statistical Association, 1991
Agency for International Development, Superior Unit Citation Award, 1990
Fellow of the American Agricultural Economics Association, 1990
Special Recognition, “Outstanding Professional Research Contributions.” In Gail L. Cramer and
Clarence W. Jones, *Agricultural Economics and Agribusiness*, 3rd edition, John Wiley and Sons,
1990

Chief Economist, Agency for International Development, 1988–1990
AAEA Outstanding Journal Article Award Finalist (“Incomplete Markets and Government Policy”), 1989
Director: AAEA, university, and departmental Outstanding Dissertations Awards (9), 1979–2005
Chairman, Intergovernmental Consultative Group on Indonesia, The Hague, June, 1989
Cofounder and President of the Institute for Policy Reform, Washington, DC, 1989-1994
Founder of the IPR Fellow Program, 1989
Teaching and course materials in agriculture policy selected for publication in *Economics Reading Lists, Courses, Outlines, Exams, Puzzles, and Problems*, compiled by Edward Tower, Duke University, July 1981
Chairman, Berkeley Department of Economics and All Economic Programs Evaluation Committee, 1987–88
Senior Economist, Council of Economic Advisors, 1986–87
AAEA Award for Best Published Research (“Macroeconomic Linkages, Taxes, and Subsidies in the U.S. Agricultural Sector”), 1986
Editor, *American Journal of Agricultural Economics*, 1983–1986
Resident Fellow, Resources for the Future, National Center for Food and Agricultural Policy, 1984–85
Associate Editor, *Journal of Economic Dynamics and Control*, 1978–1982
Associate Book Review Editor, *Journal of the American Statistical Association*, 1974–1982
AAEA Award for Best Journal Article (“Commodity Price Forecasting With Large-Scale Econometric Models and the Futures Markets”), 1982
AAEA Honorable Mention Award for Best Published Research (“Dynamics of Agricultural Systems: Economic Prediction and Control”), 1980
Editorial Board, *American Journal of Agricultural Economics*, 1977–1980
AAEA Outstanding Journal Article Award Finalist (“Active Learning, Control Theory, and Policy”), 1978
WAEA Award for Best Published Research (“Firm Growth Policies Under Different Pollution Abatement, Production, and Financial Structures”), 1978
Faculty Excellence in Teaching Award, Harvard University, 1978
Associate Editor, *Journal of the American Statistical Association*, 1973–1977
AAEA Award for Best Published Research (“Stochastic Control of Environmental Externalities”), 1976
Commissioned by the AAEA to prepare a monograph, “Systems Analysis and Simulation Techniques,” 1973
Ford Foundation Visiting Scholar, Argentina, 1972
Highest Honors, Ph.D. Degree, University of California, Davis, 1971
Doctoral Dissertation Award for Best Thesis, University of California, Davis, 1971

Other Awards:

Member of Alpha Zeta; Phi Kappa Phi; Blue Key; National Defense and Education Act Fellowship Grant; Blue Key Award for Outstanding Graduate; Greek Man of the Year Award; Alpha Zeta Alumni Award to the Outstanding Graduating Senior; College Outstanding Leadership Award;

Alpha Zeta President; Alpha Gamma Rho President; Agricultural Executive Council President;
Senior Class President; Summa Cum Laude.

Listed in:

American Men and Women of Science
Community Leaders of the World
Dictionary of International Biography
Directory of Distinguished Americans
Men of Achievement
Personalities of America
Who's Who in America
Who's Who in American Colleges and Universities
Who's Who in American Education
Who's Who in California
Who's Who in Finance and Business
Who's Who in Finance and Industry
Who's Who in Technology
Who's Who in the West
Who's Who in the World
Who's Who Internationally
Who's Who Among Executives and Professionals

EDUCATION

Postdoctoral Fellowship, University of Chicago, Chicago, IL, 1972–73, Departments of Economics
and Statistics
Ph.D., University of California, Davis, 1971, Highest Honors, Agricultural Economics
M.S., University of California, Davis, 1968, Highest Honors, Agricultural Economics
B.S., California State University, Fresno, 1965, Summa Cum Laude, Agriculture and Statistics

ACADEMIC AND GOVERNMENT POSITIONS

1986– Robert Gordon Sproul Distinguished Professor, University of California, Berkeley
1979– Professor of Agricultural and Resource Economics, University of California, Berkeley
1994–00 Dean, College of Natural Resources, University of California, Berkeley
1990–94 President, Institute for Policy Reform
1993–94 Chairman, Department of Agricultural and Resource Economics, University of
California, Berkeley
1972–93 Visiting Faculty Appointments
Hebrew University, Israel (1993)
Australian National University (1987)
Monash University, Australia (1987)
Ben Gurion University, Israel (1980)
Hebrew University, Israel (1978)
University of Illinois (1974)
University of Chicago (1972–73)
1988–90 Chief Economist, Agency for International Development, Washington, DC

- 1986–87 Special Consultant and Senior Staff Economist, Council of Economic Advisors, Washington, DC
- 1984–85 Senior Resident Fellow, Resources for the Future, Washington, DC
- 1979–85 Chairman, Department of Agricultural and Resource Economics, University of California, Berkeley
- 1982–84 Chairman, Executive Committee, Giannini Foundation, University of California, Berkeley
- 1975–78 Professor of Managerial Economics and Statistics, Harvard University
- 1974–75 Professor of Economics and Statistics, Iowa State University
- 1971–74 Full Professor of Agricultural Economics (offered), University of California, Davis (1974)
- Associate Professor of Agricultural Economics, University of California, Davis (1972)
- Assistant Professor of Agricultural Economics, University of California, Davis (1971)

FIELDS OF INTEREST

Agricultural economics	Natural resource and environmental
Collective decision-making	economics
Futures and options markets	Public policy and economic regulation
Industrial organization and antitrust analysis	Quantitative models
Law and economics	Statistical decision theory
Applied econometrics	Development economics

MEMBERSHIP IN PROFESSIONAL SOCIETIES

American Academy of Arts and Sciences
 American Academy of Political and Social Science
 American Agricultural Economics Association
 American Association for the Advancement of Science
 American Economics Association
 American Statistical Association
 Econometric Society
 Institute of Management Science
 International Agribusiness Management Association
 International Agricultural Economics Association
 Mathematical Association of America
 Operations Research Society
 Western Agricultural Economics Association

PATENTS

“Analysis and Methodology for Selecting Capital-efficient Film-asset Portfolios,” May 2006

“Integrated Electronic Exchange of Structured Contracts (IEESC) and Dynamic Risk-Based Transaction Permissioning,” Provisional Patent Application, 2001

PUBLICATIONS

Articles in Refereed Journals

- “Public-Private Partnerships: Structure of Contracts” (with Reid Stevens), *Annual Review of Resource Economics* 1, forthcoming.
- “Agri-Environmental Programs in the European Union and United States” (with K. Baylis, S. Peplow and L. Simon). *Eurochoices*, forthcoming 2008.
- “Unintended Consequences: The Spillover Effects of Common Property Regulations” (with Marty Kovach, Ryan Stifter and Stephen Hamilton). *Marine Policy*, 33(1), 24-39, 2009.
- “Pollution and Land Use: Optimum and Decentralization” (with Richard Arnott and Oded Hochman), *Journal of Urban Economics*, 64(2), 390-407, 2008.
- “Agri-Environmental Programs in the EU and United States: A Comparison” (with Kathy Baylis, Stephen Peplow and Leo Simon), *Ecological Economics* 65, 753-764, 2008.
- “Ownership and Control in Mexico’s Community Forestry Sector” (with C. Antinori). *Economic Development and Cultural Change*, 57(1), 101-136, 2008.
- “Public vs. Private Good Research at Land-Grant Universities” (with Leo Simon and Reid Stevens). *Journal of Agricultural and Food Industrial Organization*, 6(2), Article 4, 2008.
- “The Role of Patent Rights in Mergers: Consolidation in Plant Biotechnology” (with Alan Marco), *American Journal of Agricultural Economics*, 90 (1) , 133–151, 2008.
- “Collective Choice and Community Forest Management in Mexico: an Empirical Analysis” (with Camille Antinori), *Journal of Development Studies*, 43(3): 512-536, 2007.
- “General Equilibrium in Vertical Market Structures: Overselling versus Overbuying” (with Richard Just), *Research in Law and Economics*, 23: 149-181, 2007.
- “Do Incentives for Quality Matter?” (With Corinne Alexander and Rachael E. Goodhue), *Journal of Agricultural and Applied Economics*, 39(1), 1-15, 2007.
- “Does Food Processing Contribute to Childhood Obesity Disparities” (with Bo MacInnis), *American Journal of Agricultural Economics*, 87(5): 1154-8, December 2005.
- “Including Non-Trade Concerns: The Environment in EU and U.S. Agricultural Policy,” (with Kathy Baylis and Leo Simon). *International Journal of Agricultural Resources, Governance and Ecology*, Special Issue on Non-Trade Concerns, 4(3/4):262–276, 2005.
- “Estimating Statistical Properties of Political Economic Decisions” (with Diana M. Burton and H. Alan Love), *Applied Economics* 36:1489–1499, 2004

- “Public-private Partnerships Needed in Horticultural Research and Development” (with Holly Ameden), *California Agriculture* 58(2):116–119, April–June 2004.
- “Value Differentiation” (with Rachael Goodhue), *Journal of Agricultural and Resource Economics* 28(3):375–395, December 2003.
- “Agricultural Biotechnology’s Complementary Intellectual Assets” (with Gregg Graff and Arthur Small), *Review of Economics and Statistics* 85 (2):349–63, May 2003.
- “Stigmatized Asset Value: Is it Temporary or Long-term?” (with Jill J. McCluskey), *Review of Economics and Statistics* 85 (2):276–85, May 2003.
- “Hazardous Waste Sites and Housing Appreciation Rates” (with Jill J. McCluskey), *Journal of Environmental Economics and Management* 45:166–76, March 2003.
- “Neighborhood Effects and Compensation for Property Value Diminution” (with Jill J. McCluskey and Ray G. Huffaker), *Law & Policy* 24(1):37–50, January 2002.
- “Rules, Policy and Rent Seeking: A Cross-border Comparison” (with Kathy Baylis), *Canadian Journal of Agricultural Economics* 49(4):493–504, December 2001.
- “A Bargaining Model to Simulate Negotiations Between Water Users” (with S. Thoyer, S. Morardet, P. Rio, L. Simon and R. Goodhue), *Journal of Artificial Societies and Social Simulation* 4(2), March 2001.
- “Estimation of Perceived Risk and Its Effect on Property Values” (with Jill J. McCluskey), *Land Economics* 7(1):42–55, February 2001.
- “Public-Private Alliances in Biotechnology: Can They Narrow the Knowledge Gaps Between Rich and Poor?” (with Holly Ameden and Leo K. Simon), *Food Policy* 25:499–513, 2000.
- “Regulating Multiple Polluters: Deterrence and Liability Allocation” (with Charles Hyde and Leo K. Simon), *International Economic Review* 41(2):495–521, May 2000.
- “Valuing Research Leads: Bioprospecting and the Conservation of Genetic Resources” (with Arthur A. Small). *Journal of Political Economy* 108(1):173–206, February 2000.
- “Food Import Demand in the Czech Republic” (with Karel Janda and Jill J. McCluskey). *Journal of Agricultural Economics* 51(1):22–44, January 2000.
- “The Political Economy of Public Research Investment and Commodity Policies in Agriculture: an Empirical Study” (with Anurag Banerjee, Harry de Gorter, and Jo Swinnen), *Agricultural Economics* 22:111–122, 2000.
- “Public/Private Research: Knowledge Assets and Future Scenarios,” *American Journal of Agricultural Economics* 81(5):1011–27, 1999.
- “Public/Private Alliances,” *AgBioForum* 2(1):5–10, Winter 1999.

- “Federal Grazing Reform and Avoidable Risk” (with Jill J. McCluskey), *Journal of Agricultural and Resource Economics* 24:140–54, July 1999.
- “Privatization, Market Liberalization and Learning in Transition Economies” (with Rachael E. Goodhue and Leo K. Simon), *American Journal of Agricultural Economics* 80(4):724–37, November 1998.
- “Information Asymmetries, Uncertainties, and Cleanup Delays at Superfund Sites” (with Leo K. Simon and Jinhua Zhao), *Journal of Environmental Economics and Management* 35(1):48–68, January 1998.
- “Central European Agricultural Policy and the EU Accession” (with Rachael E. Goodhue and Leo Simon), *Current Politics and Economics of Europe* 7(1):35–47, 1997.
- “The Estimation of Hicksian and Expenditure Elasticities of Conditional Demand for Food in Transition Economy 1993–1995” (with Karel Janda), *Central European Journal for Operations Research and Economics*, 5(2):155–171, 1997.
- “An Economic Evaluation of BWI Custom Kitchens and Indirect Purchaser Classes in Horizontal Price Fixing Cases” (with Greg Adams), *Competition* 6(1):1–41, Summer 1997.
- “Flexible Public Policy: The Case of the United States Wheat Sector” (with Alan Love) *Journal of Policy Modeling* 19(2):207–236, April 1997.
- “Modelling Multilateral Negotiations: An Application to California Water Policy” (with Gregory D. Adams and Leo K. Simon), *Journal of Economic Behavior and Organization* 30(1):97–111, June 1996.
- “Computable Policy Model of Eastern European Agriculture and the Food Industry” (with Janda, Goodhue, Lyons, and Simon). Prague Economic Papers, *Quarterly Journal of Economic Theory and Policy*, University of Economics, Prague, V (March 96/1), pp. 70–9.
- “Flexible Technology and the Cost of Improving Groundwater Quality” (with David Sunding, David Zilberman, and Alan Marco), *Natural Resource Modeling* 9(2):177–92, Spring 1995.
- “Governance Structures and the Durability of Reforms: Evidence from Inflation Stabilizations” (with Richard Ball). *World Development*, 23(6):897–912, 1995.
- “Government Agricultural Policy, the United States” In: *The Encyclopedia of Agricultural Sciences* 2 (1994) pp. 465–476, Charles J. Arntzen (editor), San Diego, CA: Academic Press.
- “Intraorganizational Influence Relations and the Optimality of Collective Action” (with Pinhas Zusman), *Journal of Economic Behavior and Organization* 24(1):1–22, June 1994.
- “Natural Resource Damages: Knowledge of Valuation Techniques Useful, as Liability Exposure Grows” (with André Fargeix,). *Environmental Compliance & Litigation Strategy* 9 (8):1–5, January 1994.

- “Price Distorting Compensation Serving the Consumer and Taxpayer Interest” (with William E. Foster), *Public Choice* 77(2):275–91, October 1993.
- “The Governance Structure of Agricultural Science and Agricultural Economics: A Call to Arms” (with Richard E. Just) *American Journal of Agricultural Economics* 75:69–83 October 1993.
- “State-Market-Civil Institutions: The Case of Eastern Europe and the Soviet Republics” (with S. R. Johnson), *World Development* 21(4):675–89, April 1993.
- “Nutrient Demand and the Allocation of Time: Evidence from Guam” (with Glynis Gawn, Robert Innes, and David Zilberman). *Applied Economics* 25:811–30, 1993.
- “Environmental and Agricultural Policy Linkages and Reforms in the United States Under the GATT” (with Richard Just). *American Journal of Agricultural Economics* 74(3):766–74, August 1992.
- “Predatory Versus Productive Government: The Case of U.S. Agricultural Policy” *Journal of Economic Perspectives* 6(3):133–57, Summer 1992.
- “Public Policy and Constitutional Prescription” (with Pinhas Zusman). *American Journal of Agricultural Economics* 74(2):247–57, May 1992.
- “Political Preference Functions and Public Policy Reform: Reply” (with William E. Foster), *American Journal of Agricultural Economics* 74(1):227–30, February 1992.
- “Productive and Predatory Public Policies: Research Expenditures and Producer Subsidies in Agriculture,” (with Harry de Gorter and David J. Nielson). *American Journal of Agricultural Economics* 74(1):27–37, February 1992.
- “Preconditions for the Emergence of East European Market Economies,” *Current Politics and Economics of Europe* 1(3/4):347–61, 1991.
- “Farmer Behavior Under Risk of Failure” (with William E. Foster), *American Journal of Agricultural Economics* 73(2):276–88, May 1991.
- “Food Security, Price Uncertainty, and Country Hedging: A Case Study of China” (with Jianmin Liu), *The Review of Futures Markets* 10(2):357–371, 1991.
- “The Political Economy of Commodity and Public Good Policies in European Agriculture: Implications for Policy Reform” (with Harry de Gorter), *European Review of Agricultural Economics* 18:481–504, 1991.
- “Implications of Structural Adjustment: Experience in Developing World for Eastern Europe” *American Journal of Agricultural Economics* 72(5):1252–6, December 1990.

- “Market Politics and Foreign Assistance” (with Scott Thomas), *Development Policy Review* 8:365–81, December 1990.
- “Linkages Among Commodity Futures Markets and Dynamic Welfare Analysis” (with Nicholas Walraven), *Review of Economics and Statistics* 72(4):631–9, November, 1990.
- “Political Preference Functions and Public Policy Reform” (with William E. Foster), *American Journal of Agricultural Economics* 72(3):642–52, August 1990. Reprinted in *Agro-Environmental Policy*, Sandra S. Batie and Rick Horan, eds., Ashgate Publishing Ltd., Aldershot, UK, forthcoming September 2004.
- “A New Paradigm for Policy Reform and Economic Development,” *American Journal of Agricultural Economics* 72(3):821–6, August 1990.
- “Looking Ahead: Agricultural Policy in the 1990” (with David Nielson), *U.C. Davis Law Review* 12(3):415–30, Spring 1990.
- “An Assessment of the Agricultural Economics Profession” (with Richard E. Just), *American Journal of Agricultural Economics* 1(5):1177–90, December 1989.
- “Incomplete Markets and Government Agricultural Policy” (with Robert D. Innes), *American Journal of Agricultural Economics* 71(4):915–31, November 1989.
- “Interest Rates and Commodity Prices” (with John Kitchen). *Journal of Agricultural Economics Research* 41(2):5–11, Spring 1989.
- “The Political Economy of Agricultural Policy Reform” (with Douglas A. Irwin), *European Review of Agricultural Economics* (1989), pp. 349–66.
- “Managing Farm Supply: Kick the Habit; But Make Other Reforms, Too” (with William E. Foster), *Choices*, 3rd Quarter (1987), pp. 18–21.
- “Modeling the Effects of Policy on Farmers in Developing Agriculture” (with Richard E. Just and David Zilberman), *International Journal of Development Planning Literature* 1(3):287–300, July–September 1986.
- “Macroeconomic Linkages, Taxes, and Subsidies in the U.S. Agricultural Sector” (with James A. Chalfant, H. Alan Love, and Kostas G. Stamoulis) *American Journal of Agricultural Economics* 68(2):399–412, May 1986.
- “Some Political Economy Aspects of Macroeconomic Linkages with Agriculture” (with Margaret S. Andrews), *American Journal of Agricultural Economics* 68(2):413–7, May 1986.
- “The Distributional Effects of Land Controls in Agriculture” (with David Zilberman and Richard E. Just), *Western Journal of Agricultural Economics* 9(2):215–32, December 1984.
- “Country Hedging for Real Income Stabilization: A Case Study of South Korea and Egypt” (with Kathryn M. Gordon), *Journal of Futures Markets* 4(4):449–464, Winter 1984.

- “Systems Science and Natural Resource Economics” (with Stanley R. Johnson and Cleve Willis), *International Journal of Systems Science* 14(8):829–858, 1983.
- “Efficient Asset Portfolios and a Theory of Normal Backwardation” (with Colin Carter and Andrew Schmitz), *Journal of Political Economy* 91(2):319–31, April 1983.
- “The Effect of Asymmetrically Held Information and Market Power in Agricultural Markets” (with Jeffrey M. Perloff), *American Journal of Agricultural Economics* 65(2):366–71, May 1983.
- “Futures Market Efficiency in the Soybean Complex” (with Colin Carter). *Review of Economics and Statistics* 65(3):469–78, August 1983.
- “Political Economic Markets: PERTs and PESTs in Food and Agriculture,” *American Journal of Agricultural Economics* 64(5):821–33, December 1982.
- “Optimal Choices Among Alternative Technologies with Stochastic Yields” (with Joseph Yassour and David Zilberman), *American Journal of Agricultural Economics* 63(4):718–23 November 1981.
- “Multiattribute Utility Analysis: The Case of Filipino Rice Policy” (with Joseph Yassour), *American Journal of Agricultural Economics* 63(3):484–94, August 1981.
- “Commodity Price Forecasting with Large-Scale Econometric Models and the Futures Market” (with Richard E. Just), *American Journal of Agricultural Economics* 63(2):197–215, May 1981.
- “Economics of Soil Conservation from the Farmer’s Perspective,” *American Journal of Agricultural Economics* 62(5):1093–4, December 1980.
- “Hedging and Joint Production, Theory and Illustrations.” *Journal of Finance*, 35(2):498–501, May 1980.
- “Natural Resources, Goods, Bads, and Alternative Institutional Frameworks” (with Harvey Lapan), *Resources and Energy* 2(4):293–324, 1979.
- “Systems Methods in Natural Resource Economics” (with S.R. Johnson and C. Willis), *Cybernetics* 1979.
- “Public Intervention and Producer Supply Response” (with D. Peter Stonehouse). *American Journal of Agricultural Economics* 60(5):885–90, December 1978
- “Active Learning, Control Theory, and Agricultural Policy,” *American Journal of Agricultural Economics* 60(3):476–90, August 1978.
- “Adaptive Control: Survey of Methods and Applications” (with Dov Peckelman). *Management Science* 9:89–120, 1978.

- “Daily Fluctuations in Campground Use: An Economic Analysis” (with Ronald A. Oliveira), *American Journal of Agricultural Economics* 59(2):283–93, May 1977.
- “The Economic Impact of EPA Sulfur Standards on the U.S. Coal Industry” (with R. A. Levins, M. D. Boehlje, and J. A. Otte), *SME Transactions*, 262:65–74, March 1977.
- “The Stability of the Demand for Money in Canada” (with P. Laumas). *Journal of Monetary Economics* 2:367–80, Summer 1976.
- “Investment Sequencing, Allocation, and Learning in the Design of Water Resource Systems: An Empirical Application” (with C. Willis), *Water Resources Research* 12:317–30, June 1976.
- “An Economic Analysis of Wilderness Area Use” (with Ronald A. Oliveira), *Journal of the American Statistical Association* 71(354):276–285, June 1976.
- “Econometric Policy Model Construction: The Post-Bayesian Approach” (with A. Faden), *Annals of Economic and Social Measurement* 5:349–62, Spring 1976.
- “Stochastic Control Theory and Economic Policy: An Application” (with J. W. Freebairn), *Australian Economic Papers* 14(25):216–30, December 1975.
- “Effects and Changes in the Level of U.S. Beef Imports” (with J. W. Freebairn), *American Journal of Agricultural Economics* 57(4):676–688, November 1975.
- “Technical Progress and Environmental Tradeoffs in Natural Resource Industries,” *Journal of Economics and Business* 28:1–14, October 1975.
- “Temporal Price Behavior in Commodity Futures Markets (with T. F. Cargill), *Journal of Finance* 30(4):1043–53, September 1975.
- “The Limitations of Simulation in Model Evaluation and Decision Analysis” (with S. R. Johnson), *Simulation and Games* 6(2):115–50, June 1975.
- “Book Review of The Computation of General Equilibria by Herbert Scarf” (with Quirino Paris). *Journal of the American Statistical Association*, 70(350) (June 1975), pp. 485–86.
- “Stochastic Control of Environmental Externalities” (with R. Howitt), *Annals of Economic and Social Measurement* 4(2):271–92, Spring 1975.
- “Discrete Variations Across Subsets of Parameters in Simultaneous Equation Models” (with S. R. Johnson), *Metroeconomica* 26:226–244, January December 1974.
- “Technological Change, Production, and Investment in Natural Resource Industries,” *American Economic Review* 64(6):1049–59, December 1974.
- “An Adaptive Control Approach to Agricultural Policy”(with J. W. Freebairn), *Australian Journal of Agricultural Economics* 18(3):208–20, December 1974.

- “Estimation of Policy Preference Functions: An Application to U.S. Beef Import Policy” (with J. W. Freebairn), *Review of Economics and Statistics* 56(4):437–49, November 1974.
- “Alternative Econometric Forms,” *Journal of Economics* 2:27–37, October 1974.
- “Updating Parameter Estimates: A Least Squares Approach with an Illustrative Application to the Inventory of Beef Cows” (with J. W. Freebairn), *Review of Marketing and Agricultural Economics* 42(2):83–9, June 1974.
- “Approximate Adaptive Control Solutions to U.S. Beef Trade Policy” (with J. W. Freebairn), *Annals of Economic and Social Measurement*, 3(1):177–203, January 1974.
- “Sufficient Conditions for Aggregation in Linear Programming Models” (with Quirino Paris), *American Journal of Agricultural Economics*, 55(4):659–66, November 1973.
- “The Validity and Verification of Complex System Models: Discussion on Shapiro and Fromm,” (With Carl F. Christ) *American Journal of Agricultural Economics*, 55(2):271–279, May 1973.
- “Investment Sequencing Recognizing Externalities in Water Desalting” (with C. Willis), *Water Resource Bulletin*, 9(1):54–72, February 1973.
- “Learning External Benefits and Subsidies in Water Desalination” (with C. Willis and P. Frick), *Water Resources Research*, 8(6):1385–400, December 1972.
- “Approximate Distribution of Parameters in Distributed Lag Models” (with Theodore P. Lianos), *Journal of the American Statistical Association*, 67(337):64–67, March 1972.
- “Time and Frequency Domain Representations of Future Prices as a Stochastic Process” (with Thomas F. Cargill), *Journal of the American Statistical Association*, 67(337):23–30, March 1972.
- “Effects of Misspecification of Linear Functions When Sample Values Are Zero or Negative—A Reply” (with S. R. Johnson), *American Journal of Agricultural Economics*, 53(4):673–4, November 1971.
- “On the Measurement of Price Elasticity of Demand” (with S. H. Logan and R. A. Oliveira), *American Journal of Agricultural Economics*, 53(1):112–5, February 1971.
- “Effects of Misspecifications of Log-Linear Functions When Sample Values Are Zero or Negative” (with S. R. Johnson), *American Journal of Agricultural Economics*, 53(1):120–4, February 1971.
- “The Demand for Fertilizer, 1949–1969: An Analysis of Coefficients from Periodic Cross Sections” (with T. F. Moriak), *Agricultural Economics Research*, 22(2):45–56, April 1970.

“The Existence of Broiler Cycles: An Application of Spectral Analysis” (with Thomas F. Cargill), *American Journal of Agricultural Economics*, 52(1):109-21, February 1970.

Papers Submitted for Refereed Journal Publication

“Optimal Taxation with Joint Production of Agriculture and Rural Amenities” (with Leo Simon and Georges Casamatta). Submitted to *European Review of Agricultural Economics*.

“Property Rights and Water Transfers: Bargaining among Multiple Stakeholders” (with Leo Simon and Susan Stratton). Submitted to *Ecological Economics*

“Money and Control: Generating Transfer Water in California’s Imperial Valley” (with Leo Simon and Susan Stratton). Submitted to *Water Resources Research*.

“Complementarities and Spillovers in Mergers: An Empirical Investigation Using Patent Data” (with Alan Marco). Submitted to *Economics of Innovation and New Technology*.

“Buyer Power’ and Economic Policy: Is Monopsony Really Symmetric with Monopoly?” (with Richard Just). Submitted to *Antitrust Bulletin*.

“John Kenneth Galbraith: The Early Years” (with Susan Stratton). Submitted to *Review of Agricultural Economics*.

“Biotechnology, Intellectual Property and Value Differentiation in Agriculture” (with Rachael Goodhue, Suzanne Scotchmer and Leo K. Simon). Submitted to *Review of Industrial Organization*.

“SSNIP Test: Partial vs General Equilibrium” (with Richard E. Just). Submitted to *Rand Journal of Economics*.

“Predatory Behavior in Vertical Market Structures: A General Equilibrium Approach” (with Richard E. Just). Submitted to *Journal of Law and Economics*.

“Incomplete Information Aggregation Games” (with Leo K. Simon and Jinhua Zhao). Submitted to *Journal of Economic Theory*.

“Processors Placements and Producer Incentives: Analyzing Broiler Chicken Production Contracts” (with Rachael E. Goodhue and Leo K. Simon). Submitted to *Journal of Economic Management Strategy*.

“Price and Location” (with L. Simon), to be submitted to *Journal of Economic Theory*.

“Pollution or Politics: The Case of Environmental Programs in the EU” (with K. Baylis, S. Peplow and L. Simon), to be submitted to *American Economic Journal: Economic Policy*.

“Interactions between Incentive Instruments: Quality Attributes in Processing Tomatoes” (with Rachael E. Goodhue and Sandeep Mohaptra), to be submitted to *The Quarterly Review of Economics*.

“Examining a Potential Link between Diet and Body Mass Index among Young Children” (with Bo MacInnis), to be submitted to *Journal of Health Economics*.

“A Dynamic Model of the Food Processing Sector in the New Market Economies of Central Europe” (with Rachael E. Goodhue, Robert Lyons, and Leo K. Simon), to be submitted to *Journal of Policy Modeling*.

“A Noncooperative Model of Collective Decision Making: A Multilateral Bargaining Approach” (with Leo K. Simon), to be submitted to *Econometrica*.

Books and Monographs

Property Rights and Collective Action in Natural Resources with Application to Mexico (with Antinori). In preparation.

Public/Private Partnerships: Collective Choice Under Alternative Control Premiums. In preparation.

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“Option Values and Externalities from Public/Private Interaction in Agricultural Research” (Jason A. Winfree and Jill J. McCluskey). Presented at the Annual Meeting of American Agricultural Economics Association (AAEA), August 2005.

“Causes of Multifunctionality: Externalities or Political Pressure?” (with Kathy Baylis, Stephen Peplow and Leo Simon) Annual Meetings of the Western Agricultural Economics Association, San Francisco, California, July 6-8, 2005.

Nutrition, Food, Policies, and Obesity, American Agricultural Economics Association Annual Meeting, invited principal paper presentation, Providence, Rhode Island, July 24–27, 2005.

“Governance Structures and Multilateral Bargaining in Natural Resource Systems,” Toulouse Roundtable on Economic Policy-tribute to Jean Jacques Laffont, June 30–July 2005, Toulouse, France

“The political economy of agri-environmental policies in the U.S. and the EU,” Institute of European Studies Center for Governance and Institutions, University of California, Berkeley, May 27–28, 2005.

“Are Environmental Toxins a Source of Health Shocks to Children? Evidence from Hispanic Children in the U.S.” (with Bo MacInnis). Presentation at the 2005 Annual Meeting of American Economic Association, Philadelphia, Pennsylvania, January 7–9, 2005.

"Property Rights and Water Transfers: Bargaining Among Multiple Stakeholders" with Leo K. Simon and Susan E. Stratton. Selected for presentation at the Center for Sustainability, Environment, Equity and Partnership's International Conference on "Security and Sustainability in Water Resources" in Kathmandu, Nepal, September 6-9, 2004.

“Transaction Costs and Organic Marketing: Evidence from U.S. Organic Produce Farmers” (with Bo MacInnis). Presented at the 2004 Annual Meeting of American Agricultural Economics Association (AAEA), Denver, Colorado, August 1–4, 2004.

“Vulnerable Children: The Case of Pesticide Exposure and Hispanic Children” (with Bo MacInnis). Presented at the 2004 Annual Meeting of American Agricultural Economics Association (AAEA), Denver, Colorado, August 1–4, 2004.

Structure and Power in Multilateral Negotiations: An Application to French Water Policy, Society for Economic Design 2004 (SED 2004), Universitat de les Illes Balears, Palma de Mallorca, Spain, June 29–July 3, 2004.

Price-Location Games when Consumers Have Heterogeneous Tastes,” with Leo K. Simon. Presented at the 6th INRA-IDEI (Institut National de la Recherche Agronomique-Institut d’Economie Industrielle) Conference “Industrial Organization and the Food Processing Industry,” June 4–5, 2004 in Toulouse, France.

Stan Johnson: A Giant Among Mentors, Opening invited address, Exploring Frontiers in Applied Economics, A Symposium in Honor of Stanley R. Johnson, Iowa State University, Ames, IA, October 24–25, 2003. Published electronically in Essays in Honor of Stanley R. Johnson: <http://www.bepress.com/sjohnson/art5>.

John Kenneth Galbraith: The Early Years, (with Susan Stratton), First Galbraith Forum/Lecture of the Galbraith Commemorative Project, 2003 Annual Meeting AAEA Foundation, Keynote Speaker for Tribute to John Kenneth Galbraith, Montreal, Quebec, July 28–30, 2003.

Agri-environmental Programs and the Future of the WTO (with Leo Simon and Kathy Baylis), Capri, Italy, June 24–26, 2003.

Canada-U.S. Agricultural Policy and the WTO, Keynote Speaker, Conference of the Canadian Studies Program, International and Area Studies Institute, University of California, Berkeley, CA, May 9, 2003.

Incomplete Aggregation Games (with Leo Simon), Department of Agricultural and Resource Economics Seminar, University of California, Berkeley, CA, May 9, 2003.

“Potential Financial Innovations in the Development of Biodiversity and Renewable Resources,” presentation at the Milken Institute, April 2003.

Public-Private Research Agreements: Where Does the Control Reside? Distinguished Speaker Seminar, Michigan State University, Lansing, MI, November 14, 2002.

Complementarities and Spill-overs in Mergers: An Empirical Investigation Using Patent Data (with Alan Marco). Eleventh Annual WZB Conference on Industrial Organization, Innovation Policy in International Markets, Social Science Research Center Berlin WWZB) and the Centre for Economic Policy Research (CEPR), Berlin, October 2002.

Structure and Power in Multilateral Negotiations: An Application to French Water Policy, (with Leo Simon, Rachael Goodhue and Sylvie Morardet). Second World Congress of Environmental and Resource Economists, Monterey, CA, June 2002.

Genetic Resource Libraries: Bioprospecting and Knowledge Assets, (with Arthur Small). Second World Congress of Environmental and Resource Economists, Monterey, CA, June 2002.

Ecological Effects of Timber Contracting in Mexico's Community Forestry Organizations, (with Camille Antinori). Second World Congress of Environmental and Resource Economists, Monterey, CA, June 2002.

Financial Contracts Embedded in R&D Agreements. Natural Resource Management, Growth and Political Economy: A symposium in honor of Professor Eithan Hochman, Hebrew University, Rehovot, Israel, June 3, 2002.

A Financial Contracting Approach to Public/Private Relationships. Tween Seminar, Ohio State University, May 30, 2002. Public/Private Research Agreements. CSHE 2001–2002 Grant Recipients Colloquium, Berkeley, CA, May 10, 2002.

Public-Private Relationships in Horticulture R&D. Workshop on Biotechnology for Horticultural Crops, Monterey, CA, March 7–9, 2002. Structuring Public/Private Research Agreements. Conacyt Workshop on University-Industry Collaboration, University of California, Berkeley, December 4, 2001.

Structuring Public/Private Research Agreements. Beahrs Environmental Leadership Program, Workshop 6: "Innovation, Technology, and Entrepreneurship," Berkeley, CA, July 23, 2001.

Genetic Resource Libraries: Bioprospecting and Knowledge Assets (with Arthur Small). NCEAS Workshop on Economics of Biodiversity, Santa Barbara, CA, May 2001.

Conceptual Foundations of Expectations and Implications for Estimation of Risk Behavior (with Richard Just). Annual Meetings of Regional Project SERA-IEG 31: Economics and Management of Risk in Agriculture and Natural Resources, Gulf Shores, AL, March 22–24, 2001.

Incentives for Innovation. NC208 Conference: R&D Policies and Impact Assessment, Berkeley, CA, March 30–31, 2001.

Public Universities and Agricultural Biotechnology, American Association for the Advancement of Science Annual Meeting and Science Innovation Exhibition, Session on the Public Sector's Role in Agricultural Biotechnology, San Francisco, CA, February 18, 2001.

Structuring Public/Private Research Agreements. 2001 Agriculture Program Conference, Texas A&M University, College Station, TX, January 10, 2001.

Mergers and Intellectual Property in Agricultural Biotechnology, (with Alan Marco). ICABR Fourth International Conference on the Economics of Agricultural Biotechnology, Ravello, Italy, August 24–28, 2000.

Biotechnology R&D in Developing Countries: Negotiating Public-Private Research Partnerships, (with Leo Simon and Holly Ameden). Fourth International Conference on the Economics of Agricultural Biotechnology, Ravello, Italy, August 24–28, 2000.

Second-Phase Reform Measures in Latin America. Meeting of the Boards of Governors IDB/IIC at the Conference: Development of the Rural Economy and Poverty Reduction in Latin America and the Caribbean, New Orleans, LA, March 24, 2000.

Knowledge Gaps, Private/Public Alliances. Fontagro Research Design Conference, Texas A&M University, College Station, TX, November 11, 1999.

Knowledge Gaps, Private/Public Alliances: Interfaces Seminar, Columbia University, New York, NY, November 10, 1999.

Negotiating Public/Private R&D Alliances. Assessing the Impact of Agricultural Research on Poverty Alleviation. GIAT Conference, San José, Costa Rica, September 16, 1999.

What Future for Agriculture as a Knowledge Based Industry. USDA, ERS, Washington, DC, August 12, 1999.

Do Incentives Matter? Product Quality and Contract Incentives in Processing Tomatoes. Presented to AAEA Conference, Nashville TN, August 11, 1999.

Public and Private Research: Knowledge Assets and Future Scenarios. Fellows Keynote Address. AAEA Conference, Nashville TN, August 10, 1999.

Intellectual Property and Market Structure in the Biotechnology Industry. AAEA Conference, Nashville TN, August 8–11, 1999.

Intellectual Property and Market Structure in Agriculture. National Bureau of Economic Research Summer Institute, July 19, 1999.

Intellectual Property, Complementarities and Competition: Assessing Organizational Changes in Agbiotech. Transitions in Agbiotech Conference, Washington DC, June 24–25, 1999.

Intellectual Property and Market Structure in Agriculture. Conference on “The Shape of Coming Agricultural Biotechnology Transformation: Strategic Investment and Policy Approaches from an Economic Perspective,” Rome, Italy, June 17, 1999.

Agricultural Biotechnology’s Complementary Intellectual Assets. Conference on “The Shape of Coming Agricultural Biotechnology Transformation: Strategic Investment and Policy Approaches from an Economic Perspective,” Rome, Italy, June 17, 1999.

Opening Session Remarks. Wildlife Management Institute, 64th North American Wildlife and Natural Resources Conference. Burlingame, CA, March 29, 1999.

Intellectual Property and Market Structure in Agriculture. R&D Investment and Economic Growth in the 20th Century Conference, Berkeley, CA, March 27, 1999.

The New Rent Seeking: Implications for International Trade. Agricultural Globalization, Trade and the Environment Conference. Berkeley, CA, March 8–9, 1999.

Alignment of Public/Private Institutions in the Biotechnology Revolution. USDA Agricultural Outlook Forum, Washington DC, February 22–23, 1999.

What will the Impact of Intellectual Property Issues be on the Practice of Agriculture in the Future of California. DANR Statewide Conference, Sacramento, CA, February 2, 1999.

The Market for Genetic Resource Conservation. Association of Environmental and Resource Economists Papers Sessions at the Allied Social Science Associations 1999 Annual Meeting. New York, NY, January 4, 1999.

Intellectual Property and Alignment of Public and Private Incentives. “Biotechnology, 1998: From Research Pipeline to Marketplace.” Heidrick Museum, Woodland, CA, November 11, 1998.

Collective Choice in Water Resource Systems. “Workshop on the Political Economy of Water Pricing Implementation.” The World Bank, Washington DC, November 3–5, 1998.

Deriving Biodiversity Option Value within a Model of Biotechnology Research and Development. Conference on “Valuing and Managing Ecosystems: Economic Research.” NSF/EPA, Washington, DC, October 29, 1998.

University/Private Agreements and Public Good Research. University-wide Patent Coordinators Meeting, Soizic Cafe, Oakland, CA, October 15, 1998.

A Bayesian Model of Market Learning. Department of Agricultural and Resource Economics, University of California, Berkeley seminar, May 1998; and at Stonybrook conference on Interactive Dynamics and Learning, July 1998.

Intellectual Property and Alignment of Public and Private Incentives: Crowding In Public Good Research. “Knowledge Generation and Transfer: Implications for Agriculture in the 21st Century.” Faculty Club, University of California, Berkeley, June 18–19, 1998.

American Agricultural Politics. Workshop, Council for Economy Analysis, Paris, France, May 29, 1998.

Water Resource Systems in California and France: Similarities and Differences. University of Montpellier faculty, May 30, 1998.

Valuing Biodiversity. Prepared for “Managing Human-dominated Ecosystems,” Missouri Botanical Garden. St. Louis, MO, March 27, 1998.

What Future for California Agriculture—Where Are We Going? California Citrus Expo, Visalia, CA, March 12, 1998.

What Future for California Agriculture? Chancellor’s Agricultural Advisory Council. University of California, Riverside, December 2, 1997.

What Future for Agriculture? California Commodity Committee Annual Meeting. Davis, California, October 29, 1997.

Food Security, Diversification, and Resource Management; Refocusing the Role of Agriculture. International Conference of Agricultural Economists, Sacramento, California, August, 1997.

Value Differentiation. American Agricultural Economics Association, July 1997.

Value Differentiation in Agriculture: Driving Forces and Complementarities. Prepared for “Vertical Relationships and Coordination in the Food System.” Università Cattolica del Sacro Cuore, Piacenza, Italy, June 1997.

Value Differentiation in Agriculture: Driving Forces and Complementarities. “Vertical Relationships and Coordination in the Food System,” University of California, Berkeley, June 12–13, 1997.

Value Differentiation and the Broiler Industry. University of Paris, May 13, 1997.

Deriving Biodiversity Option Value within a Model of Biotechnology Research and Development. 1997 Workshop on Valuation and Environmental Policy. NSF/EPA Partnership for Environmental Research. Arlington, Virginia, April 7–8, 1997.

Taking Responsibility for our Environments. 3rd Annual Environmental Partnerships Symposium, “The City and the Environment.” University of California, Berkeley, Friday, November 22, 1996.

Incentive Structures for Allocating Public Research Resources. “Global Agricultural Science Policy for the Twenty-First Century.” Melbourne, Australia, August 16–18, 1996.

Presented Opening Remarks to Conference, Voices from the Commons, International Association for the Study of Common Property. University of California, Berkeley, June 5, 1996.

A New Perspective on Sustainability: A Framework of Dispute Resolution. Environmental Leadership Roundtable, University of California Extension, San Francisco, California, May 17, 1996.

Cooperatives in Transition: Pros and Cons of Free Enterprise in an Uncertain World. Conference on “Industrial Organization and the Food Processing Industry,” IDEI and INRA. Toulouse, France, March 28 & 29, 1996.

Cooperatives in Transition: Pros and Cons of Free Enterprise in an Uncertain World. Conference on “Industrial Organization and the Food Processing Industry,” IDEI and INRA. Hong Kong. January 1996.

Institutions, Scientific Technology, and the Future of Agriculture. American Feed Industry Association Key Management Conference. San Diego, California, February 9, 1996.

Institutions, Scientific Technology, and the Future of Agriculture. South Central Regional Academic Conference. Division of Agricultural and Natural Resources, University of California, Salinas, California, February 8, 1996.

U.S. Agricultural Policy in the United States. University of California Discussion. Berkeley, California, September 13, 1995.

A Computable Policy Model of Eastern European Agriculture. IPE-CERGE-EI Conference, "Agriculture and Trade Transition Economies: Policy Design and Implementation." Prague, Czech Republic, July 28 & 29, 1995.

The Future of California's Natural Resources. State of California, Resources Agency. University of California, Davis, California, June 22, 1995.

The Environmental Population Tradeoff. Symposium on "Shaping Agriculture in the 21st Century." Radisson Hotel, Davis, California, June 22, 1995.

The College of Natural Resources and Agriculture. University Committee on Research Policy. University of California, Oakland, California, June 20, 1995.

College of Natural Resources Commencement Ceremony, 1995. Presented to the graduating class of 1995. University of California, Berkeley, California, May 1995.

Modelling Multilateral Bargaining and Negotiation Processes. School of Business, Stanford University. Stanford, California, May 1995.

A Vision for the College of Natural Resources. Nutrition, Education, and Family Development Symposium. University of California, Berkeley, May 17, 1995.

Campus Environmentalism/Earth Day. Environmental Spirit Conference (Earth Day). University of California, Berkeley, April 13, 1995.

Sustainable Agriculture and Pest Control. Faculty and Student Symposium on Sustainable Agriculture and Pest Control. University of California, Berkeley, April 12, 1995.

A New Structure for the College of Natural Resources. UC Berkeley's Council of Deans. University of California, Berkeley, April 4, 1995.

Regulating Multiple Polluters: Deterrence and Liability Allocation. University of Michigan, February 1995.

The College of Natural Resources' Role in Biology. Chancellor's Advisory Council, University of California, Berkeley, January 25, 1995.

The Economic Situation and its Impact on Tomorrow's Business. Protein Technologies International Conference, "Staying Ahead of Competition," a seminar of macro and micro issues affecting the poultry industry. Atlanta, Georgia, January 17, 1995.

International Environmental Regulations. Address at the Institute D'Economie Industrielle. Toulouse, France, November, 1994.

The Future of California Agriculture. Ad Hoc Division of Natural Resources Committee (TICHO). University of California, Oakland, California, January 6, 1995.

Challenges to California Agriculture. Executive Seminar on Agricultural Issues. Sacramento, California, December 13, 1994.

Strategies and Options for Sustaining Animal Agriculture—A Watershed Perspective. Panelist at the Animal Agriculture Impacts on Water Quality in California Conference, Animal Agriculture Research Center and Agricultural Issues Center, University of California at Davis, Sacramento, October 20, 1994.

Valuation of Intellectual Property. Stanford Law School, Stanford University. Stanford, California, October 7, 1994.

Alternative Frameworks for Evaluating Natural Resource Damages. University of California. Los Angeles, California, April 7, 1994.

GATT Agricultural Policy Reform: A United States Perspective. Major address to the Regional Council on “Strategies and Perspectives in Agricultural Policies” at the conference, “Agricultural Markets: Mechanisms, Failures, Regulations.” Institute D’Economie Industrielle, Toulouse, France, October 12–13, 1993.

The Political Economy of Agricultural/Environmental Policy Reform. Conference on “Agricultural Markets: Mechanisms, Failures, Regulations.” Institute D’Economie Industrielle, Toulouse, France, October 12–13, 1993.

The Political Economy of Technology and Commodity Policy in the U.S. Dairy Industry. Conference on “Agricultural Markets: Mechanisms, Failures, Regulations.” Institute D’Economie Industrielle, Toulouse, France, October 12–13, 1993.

Contaminant Dynamics and the Cost of Groundwater Quality Regulations, with Alan Marco, David Sunding and David Zilberman. Annual Meetings of the American Agricultural Economics Association, August 1993.

Political Power Theory: Explanation and Description. Opening invited address, Pinhas Zusman Retirement Conference. Hebrew University, Rehovot, Israel, June 1993.

Endogenous Political Economy. Ben Gurion University. Israel, June 1993.

Alternative Instruments for Pollution Control. Economics Department, Hebrew University. Rehovot, Israel, June 1993.

A Strategic Model of Environmental Dispute Resolution. Workshop on Environmental Economics, Santa Barbara, California, May 7–8, 1993.

Transition to a Market Economy: The Case of Russia. Cal Open House, University of California. Berkeley, California, April 24, 1993.

Transition to a Market Economy: The Case of Russia. Keynote Address to U.S. Fund for Democracy and Development. March 1993.

The Political Economy of the Transition Process: The Role of Alternative Governance Structures. American Agricultural Economics Association Meetings. Anaheim, California, January 5 & 6, 1993.

Environmental and Agricultural Policy Linkage and Reforms in the United States under the GATT. American Agricultural Economics Association Meetings, December 1992.

Recent Advances on Futures Markets Performance and Behavior. Fourth Annual Managed Futures Symposium, "Managed Futures as an Institutional Investment." Chicago, September 30 through October 2, 1992.

An Emerging Framework for Economic Development: An LDC Perspective. Keynote address at the conference, "Industrial Policy for Agriculture in the Global Economy." Iowa State University, Ames, September 16–17, 1992.

New Frameworks for Designing Compatible Incentives for Policy Reform. Invited Address to the U.S. Agency for International Development. September 1992.

Internal Versus External Agricultural Policy Reform: GATT Negotiations in the Uruguay Round. Invited paper for the American Political Science Association. Chicago, Illinois, September 1992.

A Noncooperative Model of Collective Decisionmaking: A Multilateral Bargaining Approach. American Political Science Association meetings. Chicago, Illinois, September 1992.

A Collective Choice Model for Conflict Resolution in Water Resource Systems. Conference on "Water Quantity/Quality Disputes and the Resolution." Washington, DC. May 2 & 3, 1992.

Environmental and Agricultural Policy Linkages and Reforms in the United States Under the GATT. Economics Department. Purdue University, March 1992.

Environmental and Agricultural Policy Linkages and Reforms in the United States Under the GATT. Economics Department. Iowa State University, March 1992.

State-Market-Civil Institutions: The Case of Eastern Europe. Invited address at the conference, "State, Market, and Civil Institutions: New Theories, New Practices, and Their Implications for Rural Development." Cornell University, New York, December 13 and 14, 1991.

Liberties and Economic Growth. Keynote address, World Conference on Economic Development. Raleigh-Durham, North Carolina, November 19–21, 1991.

Multidisciplinary Problem-Solving and Issue-Oriented Work with the PC/TC Approach. Keynote address at the multidisciplinary workshop on "Strategies and Agendas for the Rural Social Sciences" under the auspices of the Social Science Agricultural Agenda Project, and sponsored by The American Agricultural Economics Association, the Rural Sociological Society, the Agricultural History Society, et al. Kansas City, Missouri, August 1–4, 1991.

International Policy Reform: Opportunities and Obstacles. Plenary presentation at the Summer 1991 Meeting of the Business-Higher Education Forum. University of California, Santa Barbara, June 27–29, 1991.

The Political Economy of Transition in Eastern Europe: Packaging Enterprises for Privatization. Institute of International Studies, University of California, Berkeley, May 1991.

Futures Market Performance and Behavior. Keynote address at the Managed Futures Symposium. New York, May 1–3, 1991.

The Political Economy of Transition in Eastern Europe: Packaging Enterprises for Privatization. Simon Fraser University. British Columbia, Canada, April 1991.

The Political Economy of Transition in Eastern Europe: Packaging Enterprises for Privatization. Institute of Policy Reform Conference on Institutions and the Transition to a Market Economy. Prague, Czech Republic, March 1991.

Agricultural Reforms in the USSR: A Scientist's Attitude. Soviet-American Symposium. Moscow, October 1990.

The Political Economy of the European Community's Agricultural Policy. Keynote address to the European Agricultural Economics Association. The Hague, September 1990.

Market Politics and Alternative Transition Paths. Conference on "Rural Reform in Socialist Countries: Dilemmas and Strategies," sponsored by the World Bank and the National Bank of Hungary. Budapest, Hungary, August/September 1990.

The Agency for International Development Paradigm on Policy Reform and Economic Development. Major invited address to the Allied Social Science meetings. Atlanta, Georgia, December 1989.

Agricultural Policy Alternatives for the 1990s. Keynote address to the American Agricultural Law Association. San Francisco, California, November 1989.

A New Paradigm for Economic Development. Keynote address at the Economic Development Consortium. November 1989.

An Assessment of the Agricultural Economics Profession. Major invited address to the American Agricultural Economics Association meetings. Baton Rouge, Louisiana, August 1989.

New Institutional Economics and Public Policy. Major invited address to the Development Studies Program, Institute for International Research. The American University, July 1989.

The Evolution and Coordination of U.S. Commodity and Resource Policies. Keynote address at the CARP Symposium. University of Maryland, College Park, May 1989.

Supporting Coalitions for Policy Reform and Institutional Change. Invited plenary presentation to the Indonesian Economic Association, Thailand Economic Association, Pakistan Economic Association, Bangladesh Economic Association, Egyptian Economic Association. February 1989.

The Market for Public Policy Reform. Invited plenary address to the 33rd Annual Conference of the Australian Agricultural Economics Society. New Zealand, February 1989.

Dynamic Welfare Analysis in Commodity Futures Markets. Major invited address to the International Conference of the Applied Econometrics Association. Washington, DC, October 1988.

Endogenizing Policy in Models of Agricultural Markets. Major invited address presented at the Plenary Session of the International Association of Agricultural Economists. Buenos Aires, Argentina, August 1988. Trade Negotiations, Institutional Changes, and Policy Reform. Major invited address to the International Agricultural Trade Consortium. Washington, DC, August, 1988.

The Macroeconomic Dimension of Agricultural Policy Reform. Major invited address at the World Food Conference. Ames, Iowa, June 1988.

The Design and Implementation of Public Policy Reform. Keynote address at the Conference on Agricultural Economic Policy Reform in Egypt. Cairo, Egypt, July 1987.

Stability Issues in Policy Analysis. Major invited address at the Conference on Agricultural Stability in Farm Programs: Concepts, Evidence, and Implications. North Carolina State University, Raleigh, May 1987.

Alternative U.S. Agricultural Trade Policy. Major address to the Benjamin E. Lippincott Symposium on Policy Coordination in World Agriculture. University of Minnesota, St. Paul, April 1987.

Macroeconomic Linkages in U.S. Agriculture. Keynote address at the First Rod F. Ziemer Symposium. University of Georgia, Athens, March 1987.

Political Failure and the Reform of Agricultural Policy. Keynote address to the Australian Agricultural Economics Society. Adelaide, Australia, February 1987.

Public Policy in U.S. Agriculture. Invited major address to the School of Agriculture, the University of Western Australia. Perth, Australia, February 1987.

The Formulation of Agricultural Policy in the United States: Circa, 1987. Invited plenary address to the Australian Agricultural Economics Society and Bureau of Agricultural Economics. Canberra, Australia, February 1987.

The State of Agricultural Economics. Paper presented at the American Agricultural Economics Association Annual Meeting, Iowa State University, August 1986.

New Developments in Economics. Paper presented at the Conference on Agriculture in Rural Areas Approaching the 21st Century: Challenges for Agricultural Economics, Ames, IA, August 1986.

Agriculture, Trade, and Macroeconomics. Paper presented at the Conference on Agriculture in Rural Areas Approaching the 21st Century: Challenges for Agricultural Economics, Ames, IA, August 1986.

Overshooting of Agricultural Prices. Paper presented at the International Agricultural Trade Research Consortium, Lake Tahoe, CA, July 1986.

Political Failure and the Design of U.S. Agricultural Policy. Paper presented at the convocation honoring Vice President James B. Kendrick, Jr., University of California at Davis, June 1986.

Alternative Trade and Macroeconomic Scenarios: Implications for U.S. Agriculture. Paper presented at the Farm Policy/Technology Conference, University of California, Agricultural Issues Center, June 1986.

Private Sector Responses to Target Prices and Deficiency Payments. Paper presented to Resources for the Future, Washington, DC, May 1986.

A Coherent Policy for U.S. Agriculture. Major address at the Conference on Food Policy and Politics: A Perspective on Agriculture and Development. Purdue University, West Lafayette, Indiana, May 1986.

Macroeconomics, Overshooting, and the Design of Public Policy. Major invited address to the Midwest Economic Association, Chicago, Illinois, March 1986.

The Effects of Monetary Policy on U.S. Agriculture. Invited paper presented at the annual meeting of the Australian Agricultural economics Association, February 1986.

Macroeconomic Relationships. Paper presented to Cooperative Extension Economic Leaders, San Francisco, CA, January 1986.

Macroeconomic Linkages to Agriculture. Paper presented to the Department of Economics, Michigan State University, January 1986.

Some Political Aspects of Macroeconomic Linkages with Agriculture. Paper presented at the American Economic Association Annual Meeting, New York, December 1985.

Macroeconomic Linkages, Taxes and Subsidies on the U.S. Agricultural Sector. Paper presented at the American Economic Association Annual Meeting, New York, December 1985.

The Food Marketing System: Relevance of Economic Efficiency Measures. Major invited address at the Conference on Economic Efficiency and Agriculture and Food Marketing; sponsored by the University of Florida, Farm Foundation and the Agricultural Marketing Service, U.S. Department of Agriculture. Arlington, Virginia, October 1985.

Instability in Agricultural Markets: The U.S. Experience. Major invited address to the International Association of Agricultural Economists, Malaga, Spain, August 1985.

Multimarket Efficiency Analysis. Paper presented at the London School of Economics, August 1985.

Distributional Effects of Agricultural Policies. Paper presented at Oxford University, August 1985.

A Comprehensive Framework for Analysis of Future Markets. Paper presented to the Chicago Mercantile Exchange, June 1985.

The Design of U.S. Food and Agricultural Policy. Major invited address to the U.S. Congressional Conference, Urban-American Stake in the National Farm Crisis. Washington, DC, April 1985.

Overshooting in Commodity Future Markets. Paper presented at the Department of Economics, University of Wisconsin, Madison, April 1985.

Multiple Effects of Exchange Rates on Import Demand. Paper presented to the U.S. Department of Agriculture, Economic Research Service, Washington, DC, March 1985.

Macroeconomics and U.S. Agricultural Policy. Major invited address to the American Enterprise Institute for Public Policy Research. Washington, DC, January 1985.

A Synthesis of Major Evaluations of Alternative Proposals for the 1985 Food Security Act. Major invited address at the National Center for Food and Agricultural Policy and National Agricultural Forum Conference, Policy Choices, 1985. Washington, DC, December 1984.

Agricultural Trade and Unstable Exchange Rate Movements. Paper presented to the Brookings Institution, Washington, DC, November 1984.

Monetary Reaction Functions and the income Link for Agricultural Export Demand. Paper presented to Resources for the Future, Washington, DC, October 1984.

New Designs for Funding Public Research in Agriculture. Paper presented at the Department of Agricultural Economics, Ohio State University, September 1984.

Food Margin Relationships: Fix- Versus Flex-Price Determinations. Paper presented at the Department of Economics, Iowa State University, September 1984.

The Relative Effectiveness of Agricultural Sector Versus Macroeconomic Policies. Paper presented at the American Agricultural Economics Association Annual Meeting, Cornell University, August 1984.

Short Run Nonneutrality and Dynamic Overshooting Paths. Paper presented at the U.S. Department of Agriculture, Economic Research Service, Washington, DC, August 1984.

Uncertain Economic Environments and Conditional Policies. Paper presented at the Giannini Foundation/Resources for the Future conference on Alternative Agriculture and Food Policies and the 1985 Farm Bill, Berkeley, CA, June 1984.

Review and Assessment of Alternative Agricultural Policy Proposals. Paper presented at the Giannini Foundation/Resources for the Future conference on Alternative Agriculture and Food Policies and the 1985 Farm Bill, Berkeley, CA, June 1984.

The Major Issues in Agricultural Public Policy Management. Paper presented to the Graduate School of Management, Yale University, May 1984.

Hedging Strategies for Grain Importing Countries. Paper presented to the Chicago Board of Trade, Chicago, IL, March 1984.

Regulation in Commodity Futures Markets. Major invited address to the American Enterprise Institute. Washington, DC, January 1984.

The Role of Agricultural Price Supports and Land Controls in Technological Adoption Under Uncertainty. Paper presented to the Department of Agricultural and Applied Economics, University of Minnesota, January 1984.

Post-Bayesian Statistical Inference. Paper presented to the Department of Statistics, Iowa State University, November 1983.

Expectation Patterns, Cost of Information, and the Role of Future Markets. Paper presented to the Department of Economics, University of Chicago, September 1983.

Agricultural Output and the Effectiveness of Government Policy. Paper presented at the American Agricultural Economics Association Annual Meeting, Purdue University, August 1983.

Equity and Efficiency in Agricultural Production Systems. Major invited address to the Plenary Session of the International Association of Agricultural Economists. Jakarta, Indonesia, 1982.

Political Economic Markets: PERTs and PESTs in Food and Agriculture. Keynote address to the American Agricultural Economics Association Annual Meetings. Logan, Utah, 1982.

Modeling Agriculture for Policy Analysis in the 1980s. Major invited address at a special symposium sponsored by the Federal Reserve Bank of Kansas City. September 1981.

Agriculture, Food, and the Government. Invited address to the American Economics Association Annual Meeting. New York, 1981.

Prospects and Limitations of Operations Research in Agricultural Policy Investigations. Major invited address at the Plenary Session of the International Operations Research Conference. Jerusalem, Israel, 1979.

Natural Resource Economics and Policy. Keynote address to the Farm Foundation Research Workshop, Natural Resource Economics and Policy. University of Massachusetts, Amherst, 1976.

OTHER INVITED SEMINAR PRESENTATIONS

Agency for International Development (27)*; Agricultural Development Council (4); American Agricultural Economics Association (34); American Agricultural Law Association (1); American Economics Association (11); American Enterprise Institute (2); American Finance Association (5); American Sheep Industry (2); American Statistical Association (9); American Water Resource Association (3); Applied Econometric Association Conference (2); Argentina Universities (9); Australian Agricultural Economics Society (5); Australian National University (3); Brown University (1); California Agricultural Trade Seminars (1); California Women for Agriculture, Los Angeles (2); Chicago Board of Trade (6); Citizens for a Sound Economy Foundation (2); Columbia University (2); Commodity Futures Trading Division of Economic Analysis (1); Commonwealth Club (2); Conference on Agricultural Economic Policy Reform in Egypt (1); Conference of Economywide Effects of Developed Country Agricultural Trade Policies (1); Econometric Society (North American, European, World) (11); Economics Branch, Agriculture Canada (15); European Agricultural Economics Association (1); Farm Credit Council (2); The Ford Foundation (6); Harvard Institute of Development (2); Harvard University (12); Heritage Foundation, Washington, DC (2); Illinois Agricultural Leadership Foundation (1); Institute of Electronics and Electronics Engineers Decision and Control Conferences (2); International Association of Agricultural Economists (6); International Monetary Fund (4); Iowa State University (9); League of Women Voters (Berkeley and Washington, DC) (5); London School of Economics (3); Massachusetts Institute of Technology (4); Melbourne University (3); Michigan State University (2); Midwest Economic Association (2); Monash University (1); National Bureau of Economic Research (7); National Cotton Council of America (2); New York Pension Fund Association (2); North Carolina State University (6); Northern Illinois University (3); Oklahoma State University (1); Operations Research Society (5); Organization of Professional Employees (3); Princeton University (2); Purdue University (6); Regional Research Strategy Committees (9); Rotary Club of Berkeley (1); Soviet-American Symposium (1); Stanford University (4); State University of New York (2); Texas A&M University (2); The Institute of Management Sciences (4); Town Hall of California, Los Angeles (1); Trade Policy Research Center, United Kingdom (3); University of Adelaide (1); University of California, Berkeley (28); University of California, Davis (9); University of California, Santa Barbara (2); University of California, Los Angeles (4); University of Chicago (9); University of Florida (2); University of Georgia (1); University of Heidelberg (1); University of Illinois (3); University of Maryland (1); University of Massachusetts, Amherst (2); University of Minnesota (5); University of Missouri (3); University of Nebraska (1); University of New England (3); University of North Carolina (1); University of Pennsylvania (3); University of Prague (1); University of Rhode Island (1); University of Salsberg (1); University of Saskatchewan (1); University of Sydney (2); University of Western Australia (2); U.S. Department of Agriculture (15); Washington, DC, Economists Club (3); Western Economics Association (7); World Affairs Council (2); World Perspective Seminar (1); The World Bank (10); Yale University (3); Institute for Policy Reform (12).

*Number of Presentations (Total: 428).

PUBLIC, UNIVERSITY AND PROFESSIONAL SERVICE

Member, U.S. Trade Representative (USTR/USDA) advisory committee on WTO negotiations, 2005–2007

Member, Finance Committee, Pacific Graduate School of Psychology, 2003–

Member, Committee to increase student enrollment, Department of Agricultural and Resource Economics, University of California, Berkeley, 2002–

Member, Board of Visitors, Center for Science, Policy, and Outcomes, 2000–

Member, Board of Trustees, Pacific Graduate School of Psychology, 1999–

National Development Council, California State University, Fresno, 1998–

Member, Board of Directors, Lawrence Hall of Science, 1998–

Joint Policy Council on Agriculture and Higher Education, Committee on Cooperation in Education, 1997–

Columbia University, Columbia Earth Institute (CEI) Advisory Board, October 1997–

Graduate Group in Energy and Resources, University of California, Berkeley, 1996–

Campus Advisory Board, Lawrence Hall of Science, University of California, Berkeley, 1996–

Executive Committee, International and Area Studies Executive Committee, University of California, Berkeley, 1994–

Associate Director, Agricultural Experiment Station, University of California, Berkeley, 1994–2000

Director, Institute for Natural Resource Systems, University of California, Berkeley, 1994–2000

Berkeley Division, Academic Senate, Committee on University Extension, 1992–1994

Member, Economic Discipline Board, Fulbright Scholarship Awards, 1989–1993

Numerous Departmental and College-Level Committees, 1970–

Member, Committee to revise ANR's mission statement, University of California, 2003

Chair, Finance Committee, Pacific Graduate School of Psychology, 2002–03

Chair, Division of Agriculture and Natural Resources Reorganization Committee, University of California, 2002

Chair of the Electorate Nominating Committee for the AAAS Section on Social, Economic and Political Sciences, 2001–2002

Chair, Review Committee for the Dean of the School of Journalism, University of California, Berkeley, 2001

Member, Northwest Precinct Space Study Committee, University of California, Berkeley, 2000

Member, Geographic Information Service Advisory Council, University of California, Berkeley, 2000

Member, Fundraising Workgroup Committee, University of California, Berkeley, 2000

Student Deans' Council, University of California, Berkeley, 1994–2000

Division Chairs Council, University of California, Berkeley, 1994–2000

Council of Deans, University of California, Berkeley, 1994–2000

Chancellor's Advisory Committee on Biology, University of California, Berkeley, 1994–2000

Ex officio member, College of Natural Resources Advisory Board, University of California, Berkeley, 1994–2000

Executive Committee of Environmental Council, University of California, Berkeley, 1994–2000

Council of Deans and Directors, University of California, Systemwide, 1994–2000

College of Natural Resources Advisory Board, University of California, Berkeley, 1994–2000

College of Natural Resources Development Committee, University of California, Berkeley, 1994–2000

Cooperator, “Higher Education Collaboration Between the United States and the European Community,” the Fund for the Improvement of Postsecondary Education (FIPSE), 1993–2000

Geographic Information Science Center’s Advisory Council, University of California, Berkeley, 1999

Course Material Fees Committee, University of California, Berkeley, 1999

Search Advisory Committee for Assistant Vice President, DANR, 1999

Search Committee, Vice Chancellor University Relations, 1999

Nominating Committee of the Social, Economic, and Political Science, American Association for the Advancement of Science (AAAS). January, 1999

Search Committee, Vice Chancellor Capital Projects, 1998

Chair, Advisory Committee, Kearney Foundation for Soil Science, Division of Agricultural and Natural Resources, University of California, Berkeley, 1995

Member, Board for International Development Studies, Fletcher School of Law and Diplomacy, Tufts University, 1992–95

University Extension Committee, Berkeley Division, Academic Senate, University of California, Berkeley, 1993–94

Agricultural and Food Marketing Consortium Planning Committee, 1993–94

Chair, Search Committee for Chair of Slavic Center, University of California, Berkeley, 1993–94

Member of Advisory Board, International Center for Self-Governance, 1991–1994

University of California Systemwide Energy Research Advisory Committee, 1988–94

Member Capital Campaign 2001, Knowledge for the Future, Subgroup: Environment, Resources, and Ecology, 1993

College of Natural Resources Committee to Form International Institute for Natural Resource Systems, University of California, Berkeley, 1991–92

College of Natural Resources Internal Reorganization Committee, University of California, Berkeley, 1990–1992

Editor, *Agricultural Management and Economics*, Springer-Verlag, 1988–92

Board of Directors, Universitywide Energy Research Center, 1988–1992

Evaluation of World Bank Research Proposals (14 evaluations), 1979–1992

Chairman, Search Committee for Director of Soviet Studies, 1991

Agricultural Academy of Science-Soviet Union Delegation, 1990

Cofounder of the Institute for Policy Reform, Washington, DC, 1989

Founder of the Agency for International Development Research Fellow Program, 1989

Dean’s Selection Committee for College of Natural Resources Technical Advisory Committee, 1989

Chairman and Member, Berkeley Campuswide Committee to Evaluate the Department of Economics and Related Economic Programs, 1988–1989

Advisory Committee, Environmental Protection Agency, Evaluation of Environmental Regulations on Agriculture, 1987–1989

Resources for the Future, National Center for Food and Agricultural Policy Task Force on Multilateral Trade Negotiations, 1988

U.S. Department of Agriculture, Task Force on Analytical Research Supporting the Trade Representatives Office, 1988

Member, Advisory Committee, Government Accounting Office on U.S. Agricultural Export Strategies, 1987–88

Departmental Faculty/Extension Coordination Committee, University of California, Berkeley, 1987–88

Chairman, Political Economy of Natural Resources Panel, 1987–88
U.S. Government Task Force on U.S. Agricultural Policy and Position in GATT Negotiations, 1987–88
Member, Evaluation of EPA Regulation on U.S. Agricultural Sector Committee, 1987–88
United States Negotiating Team for the OECD Communique on Agricultural Reform, May, 1987
United States Senate Panel on “1985 Farm Bill Revisited: Competitive Views,” March, 1987
Council for Foreign Relations Task Force on Trade Policy Options for the United States, 1987
General Accounting Office Task Force on Alternative Public/Private Marketing Mechanisms for U.S. Food and Agriculture, 1987
U.S. Government Task Force on the Farm Credit System, 1987
Chairman and Member, School of Business Administration Planning Committee, University of California, Berkeley, 1986–87
Organizational Committee for Farm Policy-Technology Conference, Agricultural Issues Center, University of California at Davis, 1986
American Agricultural Economics Association Committee on Journal Publishing, 1986
Member, Search and Selection Committee for Vice President of Agriculture and Natural Resources, University of California Systemwide, 1985–86
Chairman, Strategic Review of Giannini Foundation, 1985–86
Member, Agricultural Policy Planning Committee, American Agricultural Economics Association, 1984–1986
Departmental Food and Agricultural Act Symposium Committee, University of California, Berkeley, 1984–1986
The American Agricultural Economics Association Board of Directors, ex officio, 1984–1986
Chairman, American Agricultural Economics Association, Outstanding Journal Article Committee, 1983–1986
Editor, American Journal of Agricultural Economics, 1983–1986
Member, Board of Directors, Giannini Foundation of Agricultural Economics, 1979–1986
Chairman, Executive Committee, Giannini Foundation, 1979–1986
Member, Planning Committee for Agriculture and Food Policy Evaluation, Resources for the Future, 1984–85
Member, Advisory Committee for the Design of the Agricultural Issues Center, University of California Systemwide, 1984–85
Member and Director, Agriculture Study Group, Commonwealth Club, 1983–1985
Chairman, Departmental Endowment Committee, University of California, Berkeley, 1979–1984
Chairman, Western Agricultural Economics Research Council, 1982–83
Member, Planning Committee, Berkeley Food Cooperative, 1980–1983
Vice Chairman, Western Agricultural Economics Research Council, 1981–82
American Agricultural Economics Association Publication of Enduring Quality Award Committee, 1981–82
Western Nutrition Center Planning Committee, 1980–1982
Joint Land Grant University/U.S. Department of Agriculture Committee on New Research Directions, 1979–1982
Coordination Board, Giannini Foundation, 1979–1982
Associate Editor, Journal of Dynamics and Control, 1978–1982
Associate Book Review Editor, Journal of the American Statistical Association, 1974–1982
Western Nutrition Center Coordinating Committee, 1980–81
Secretary, Western Agricultural Economics Research Council, 1980–81

Arab-American Council for Cultural and Economic Exchange, Egyptian Agricultural Development Committee, 1979–80
 Editorial Board, American Journal of Agricultural Economics, 1977–1980
 Agricultural Econometric Modeling and Forecasting Symposium Participant, 1973–1980
 Chairman, Joint University-Governmental Symposium on Agricultural Sector Forecasting and Policy Evaluations, Washington, DC, 1979
 National Bureau of Economic Research Workshop Participant, 1974–1979
 Chairman, Research Evaluation Committee for Desert Research Institute, Israel, 1978
 Academic Representative to U.S.-U.S.S.R. Agreement on Cooperation in Agricultural Economic Research and Information, 1977
 Member, World Bank Committee on Research Quality Control, 1976–1977
 Harvard University Executive Education Program Instructor, 1975–1977
 Agricultural Development Council Workshop Participant, 1974–1977
 Associate Editor, Journal of the American Statistical Association, 1973–1977
 Member, Outstanding Ph.D. Dissertation Committee, American Agricultural Economics Association, 1974–1976
 Ford Foundation Visiting Professor, Argentina, 1972
 College Union Board of Directors, 1966–1972
 Interfraternity Council Board, 1965–1967
 University of California, Berkeley, Ad Hoc Review Committee for Tenure Appointments (19 appointments, 9 as Chair).

EDITORIAL COLLABORATIONS

Review of Agricultural Economics, 1990–
Springer-Verlag, 1988–
Review of Economic Studies, 1987–
Economic Journal, 1986–
Journal of Futures Markets, 1986–
Review of Futures Markets, 1986–
Economic Development and Cultural Change, 1985–
Journal of Economic Theory, 1985–
Journal of Monetary Economics, 1984–
Journal of Development Economics, 1982–
Journal of Environmental Economics and Management, 1981–
Journal of Economic Dynamics and Control, 1978–
Resources and Energy, 1978–
Australian Journal of Agricultural Economics, 1977–
Decision Sciences, 1977–
IEEE Transactions on Automatic Control, 1977–
Journal of Economics and Business, 1977–
Management Science, 1977–
American Economic Review, 1976–
Quarterly Journal of Economics, 1976–
Journal of Finance, 1975–
Econometrica, 1974–
Review of Economics and Statistics, 1974–
Journal of Econometrics, 1973–
Journal of Political Economy, 1973–

Journal of the American Statistical Association, 1971–
American Journal of Agricultural Economics, 1970–
Annals of Economic and Social Measurement, 1974–1977

AD HOC REVIEWING

Agriculture Canada, 1991– , 1978–1982
Club of Paris, various governmental consulting groups, 1988–
U.S. Council of Economic Advisors, 1986–
U.S. General Accounting Office, 1983–
U.S. Congressional Budget Office, 1982–
American Enterprise Institute, 1981–
United States-Israeli Binational Agricultural Research and Development Fund (BARD), 1980–
World Bank, 1979–
National Science Foundation, 1976–
Giannini Foundation Monograph Series, 1971–
Intergovernmental Consulting Group on Indonesia, the Hague, 1989–1990

PH.D. DIRECTORSHIPS

Sixty-two Ph.D. theses in the areas of Natural Resource Damages; Agricultural Economics and Policy; Industrial Organization and Antitrust Analysis; Water Resources; Human Capital; Recreational Economics; Environmental Economics; Energy Policy; Public Policy; Managerial Economics; Adaptive Control; Econometrics; International Trade; Commodity Markets and Models; Governmental Food and Nutrition Policies; Operational Designs of Decision Support Systems; U.S. Livestock Feed Grain Sector; Agricultural Cycles; Futures Markets; Terms of Trade; Agricultural Land Prices and Agrarian Structure; Land Quality and Soil Conservation; Agricultural Credit Markets; New Institutional Economics and Transaction Costs; Political Economy; Multilateral Negotiations; Design of Governance Structures; Industrial Organization of Food Industry; Transitional Economies; Risk Analytics; Health Economics, Political Power, Analytical Dimensions; Common Property Resources; Experimental Design; Statistical Methodologies.

RESEARCH GRANTS

Agency for International Development, U.S. State Department (numerous)
Agriculture Cooperative Service, U.S. Department of Agriculture
Agriculture Research Service, U.S. Department of Agriculture (numerous)
Center for Agricultural and Rural Development (numerous)
Chicago Board of Trade
Chicago Mercantile Exchange
Consortium of US Commodity Futures Exchanges
Economic Research Service, U.S. Department of Agriculture (numerous)
Economics Branch, Agriculture Canada (numerous)
Ford Foundation (numerous)
France-Berkeley Fund

Giannini Foundation (numerous)
Harvard University Research Institute
International Monetary Fund
National Center for Food and Agricultural Policy (numerous)
National Science Foundation (numerous)
OECD, France
Resources for the Future
State of Iowa Coal Project
U.S. Department of Agriculture (numerous)
U.S. Trade Representatives Office (numerous)
U.S. Environmental Protection Agency (numerous)
University of California Systemwide Biotechnology Research and Education Program
University of California Water Resource Center
Western Human Nutrition Center, U.S. Department of Agriculture
World Bank

GOVERNMENT CONSULTING AND NONACADEMIC POSITIONS

Chairman, Board of Directors, OnPoint Analytics, 2004-
Senior Consultant, CRA International, 2000-2006
Board of Directors, Diversified Therapy Corporation, 1997–2005
Chairman and Board of Directors, TriColor Line, Ltd., 1990–
Board of Directors, Source for Automation, Inc., 1988–1996
U.S. Department of Agriculture, 1975–
Board of Directors, OnCure Technology (formerly US Cancer Care), 1998–2003
Cofounder and Board of Directors, LECG, Inc., 1990–2000
Board of Directors, U.S. Diagnostic Labs, 1994–99
Council of Economic Advisors, 1993–94, 1986–88
President and Board of Directors, Institute for Policy Reform, Washington, D.C., 1990–1994
Nathan Associates, Incorporated, Washington, DC, 1990–1991
Chief Economist, Agency for International Development, Washington, DC, 1988–1990
U.S. Department of State, 1986–1990
Ministry of Agriculture, England, 1987–88
World Bank, 1983–1988, 1975–76
Bureau of Agricultural Economics, Australia, 1986–87
Farm Credit Administration, 1986–87
U.S. Office of Management and Budget, 1986–87
Chicago Board of Trade, 1982–1986
Ministry of Agriculture, Spain, 1985
Chicago Mercantile Exchange, 1980–81
Oakridge National Laboratories, Energy Division, Oakridge, Tennessee, 1978–1981
Economics Branch, Agriculture Canada, 1977–1980
U.S. Bureau of Mines, 1974–1976
U.S. Office of Saline Water, 1973–1976
National Science Foundation Environmental Project, University of Chicago, 1973–1975
Manager, California Dairy and Truck Crop Farm, 1967–1973

INDUSTRY CONSULTING AND LITIGATION EXPERIENCE

Consulting experience in complex litigation, antitrust, regulated industries, measurement of economic damages, economic feasibility studies, market analysis, econometric modeling, environmental damages, development of portfolio investment models, and the assessment of risk management frameworks.