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# GIANNINI • FOUNDATION

OF AGRICULTURAL  
ECONOMICS



UNIVERSITY OF  
CALIFORNIA

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## Annals of the Giannini Foundation of Agricultural Economics

Prepared for the Occasion  
of the

### *Giannini Foundation 75th Anniversary Symposium*

Davis, California

May 3, 2006

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## Founding Members of the Giannini Foundation of Agricultural Economics 1929

*"At the initial stages of its development it is recommended that the following individuals be made members of the staff of the Foundation, with the titles indicated.*

C. B. Hutchison	Director of the Giannini Foundation, Professor of Agriculture and Associate Director of Research in the Experiment Station.
B. H. Crocheron	Director of Agricultural Extension, Professor of Agricultural Extension and Agricultural Economist on the Giannini Foundation.
L. W. Fluharty	Specialist in Agricultural Extension and Associate on the Giannini Foundation.
H. R. Wellman	Specialist in Agricultural Extension and Associate on the Giannini Foundation.
H. E. Erdman	Professor of Agricultural Economics and Agricultural Economist in the Experiment Station and on the Giannini Foundation.
Frank Adams	Professor of Irrigation Investigations and Practice and Irrigation Economist in the Experiment Station and on the Giannini Foundation.
R. L. Adams	Professor of Farm Management and Agricultural Economist in the Experiment Station and on the Giannini Foundation.
Walter Mulford	Professor of Forestry and Forest Economist on the Giannini Foundation.
E. C. Voorhies	Associate Professor of Agricultural Economics and Associate Agricultural Economist in the Experiment Station and on the Giannini Foundation.
David Weeks	Associate Professor of Agricultural Economics and Associate Agricultural Economist in the Experiment Station and on the Giannini Foundation.
E. W. Braun	Specialist in Agricultural Extension and Associate on the Giannini Foundation.
S. W. Shear	Assistant Agricultural Economist in the Experiment Station and on the Giannini Foundation.
C. H. West	Assistant Agricultural Economist in the Experiment Station and on the Giannini Foundation.
F. R. Wilcox	Specialist in Agricultural Extension and Associate on the Giannini Foundation."

*Source: The Giannini Foundation for Agricultural Economics, Revised Plan of Organization, May 10, 1929.*

# Errata

## Annals of the Giannini Foundation of Agricultural Economics, 2006

(Bold print indicates correction or insertion)

### Page 5

#### Giannini Foundation Director and Chair of the Executive Committee, 1990-2000

- 1988-89 Alain de Janvry
- 1989-91 Hoy F. Carman
- 1991-93 Andrew Schmitz
- 1993-94 Hoy F. Carman
- 1994-95 Richard J. Sexton
- 1995-96 David Zilberman
- 1996-97 Richard J. Sexton
- 1997-98 David Zilberman
- 1998-99 Colin A. Carter
- 1999-00 Anthony C. Fisher
- 2000 Colin A. Carter

### Page 6

#### Departmental Appointments in Academic Units of the Foundation

- 1931 James N. Tinley, Berkeley, Davis (1950)
- 1935 Harry R. Wellman, Berkeley
- 1936 Roy J. Smith, Davis, Los Angeles (1939),  
Riverside (1959)
- 1952 Chester O. McCorkle, Davis
- 1953 J. Herbert Snyder, Davis

### Page 6

#### \* Departmental Designations

Berkeley: 1975-1998-Agricultural and Resource Economics

### Page 7

- 1958 D. Barton DeLoach, Los Angeles, Davis (1960)
- 1983 James A. Chalfant, Berkeley, Davis (1992)

### Page 8

#### Cooperative Extension Appointments in Agricultural Economics, 1925-1985

- 1948 A. Doyle Reed, Berkeley, Davis (1954)
- Robert C. Rock, Berkeley, Riverside (1952)
- 1982 John L. Baritelle, Riverside

#### AAEA Honors and Awards

### Page 9

#### Fellows of the American Association of Agricultural Economics

- 1980 Kenneth R. Farrell
- 1982 Oscar R. Burt

#### Presidents of the American Association of Agricultural Economics

- 1977 Kenneth R. Farrell

### Page 9

#### Publication of Enduring Quality Awards

- 1992 Richard E. Just and Rulon D. Pope. "Stochastic Specification of Production Functions and Economic Implications." *Journal of Econometrics* 7 (1978).

### Page 10

#### Quality of Research Discovery Awards

- 1987 Alex McCalla et al.
- 1993 Quirino Paris. "The von Liebig Hypothesis." *American Journal of Agricultural Economics* 74 (1992) Honorable Mention
- 1996 Randal R. Rucker et al.
- 2004 Martin Smith and James Wilen. "Economic Impacts of Marine Reserves: The Importance of Spatial Behavior." *Journal of Environmental Economics and Management* 46 (2003).
- 2005 Scott Rozelle and Johan E.M. Swinnen. "Success and Failure of Reform: Insights from the Transition of Agriculture." *Journal of Economic Literature* 42 (2004).

### Page 11

#### Outstanding Journal Article Awards

- 1959 Gerald W. Dean and Earl O. Heady. Honorable Mention.
- 1987 Julian M. Alston.
- 1992 Israel Finkelshtain and James A. Chalfant. "Marketed Surplus under Risk: Do Peasants Agree with Sandmo?" *American Journal of Agricultural Economics* 73 (1991).

#### Quality of Communication Awards

- 1986 Daniel A. Sumner and Julian M. Alston. "Removal of Price Supports and Supply Controls for U.S. Tobacco: An Economic Analysis of the Impact." Washington DC: Food and Agriculture Committee National Planning Association Report 220 (1985). Honorable Mention

### Page 12

#### Distinguished Graduate Teaching Award

- 1998 James E. Wilen, University of California, Davis
- 2000 Jeffrey Williams, University of California, Davis

#### WAEA Honors and Awards

### Page 13

#### Outstanding Extension Program Award

- 1979 Neil L. Meyer et al. (including George Goldman). Coping with the Impact of Growth. Corvallis OR: Western Rural Development Center, 1979.

#### Outstanding Published Research Awards (Excellence in Published Research)

- 1979 Dwight D. Minami, Ben C. French, and Gordon A. King. An Econometric Analysis of Market Control in the Cling Peach Industry. Berkeley, CA: Giannini Foundation Monograph 39 (1979).
- 1980 Stephen J. Turnosky, Haim Shalit, and Andrew Schmitz. "Consumer Surplus, Price Instability and Consumer Welfare." *Econometrica* 48 (1980).

- 1995 Randle R. Rucker, Walter N. Turman, and Daniel A. Sumner. "Restricting the Market for Quota: An Analysis of Tobacco Production Rights with Corroboration from Congressional Testimony." *Journal of Political Economy* 103 (1995).

- 2004 Jeffrey T. LaFrance. "Integrability of the Linear Approximate Almost Ideal Demand System." *Economics Letters* 84 (2004).

#### Pages 14-25

#### Ph.D. Recipients and Dissertation Titles, UC Berkeley

- 1978 Lana Lucille Bruce Hall, *Food Aid and Agricultural Development: The Case of P.L. 480 Wheat in Latin America*.
- 1991 Jianmin Liu, *Futures Market and Food Security in International Grain Trade*.
- 1996 Benedicte Leroy de la Briere.

#### Page 31

#### Outstanding Ph.D. Dissertation Awards

- 1950 Jerry Foytik, *The California Plum Industry: An Economic Study*. UC Berkeley.
- 1951 Robert Leroy Clodius, *An Analysis of Statutory Marketing Control Programs in the California-Arizona Orange Industry*. UC Berkeley.
- 1954 Benjamin Carver French, *Economic Efficiency in California Pear Packing Plants*. UC Berkeley.
- 1955 Norman Zellner, *An Economic Analysis of the California Prune Industry*. UC Berkeley.
- 1959 Loy Luther Sammet, *Economic and Engineering Factors in Agricultural Processing Plant Design*. UC Berkeley.
- 1960 Carelton Cecil Dennis, *Interregional Competition in the Frozen Strawberry Industry*. UC Berkeley.
- 1961 Pinhas Zusman, *Econometric Analysis of the Market for California Early Market Potatoes*. UC Berkeley.
- 1962 John Fred Stollsteimer, *Effect of Technical Change and Output Expansion on the Optimum Number, Size and Location of Pear Marketing Facilities in a California Pear Producing Region*. UC Berkeley.
- 1963 Oscar Raymond Burt, *The Economics of Conjunctive Use of Ground and Surface Water*. UC Berkeley.
- 1965 Duran Bell, Jr., *Models of Commodity Transfer with Special Reference to the Lemon Industry*. UC Berkeley.
- 1966 Richard Olaf Been, *A Reconstruction of the Classical Theory of Location*. UC Berkeley.
- 1967 Alain Choppin de Janvry, *Measurement of Demand Parameters under Separability*. UC Berkeley.
- 1969 Martin Pineiro, *The Argentine Agriculture: Past and Potential Contribution to Country-Wide Economic Growth*. UC Davis.

- 1970 Gerald August Carlson, *A Decision Theoretic Approach to Crop Disease Prediction and Control*. UC Davis.
- 1973 John William Freebairn, *Some Adaptive Control Models for the Analysis of Economic Policy: United States Beef Trade Policy*. UC Davis.
- 1977 Bruce Lawrence Dixon, *A Stochastic Control Approach to Harvest Scheduling in a National Forest*. UC Davis.
- 1981 Christopher Douglas Easter, *Supply Response with Stochastic Technology in Australia's Rural Export Industries*. UC Davis.
- 1982 James Joseph Opaluch, *River Basin Management: The Optimal Control of Water Quantity and Quality*. UC Berkeley.
- 1984 James Lavalette Anderson, *Bioeconomic Interaction between Aquaculture and the Common Property Fishery with Application to Northwest Salmon Resources*. UC Davis.
- 1984 Jeffrey Thomas La France, *The Economics of Nutrient Content and Consumer Demand for Food*. UC Berkeley.
- 1985 J. Edward Taylor, *Migration Networks and Risk in Household Labor Decisions: A Study of Migration from Two Mexican Villages*. UC Berkeley.
- 1987 Robert Dibblee Innes, *Agricultural Policy Analysis in Economies with Incomplete Markets*. UC Berkeley.
- 1990 Marcel Fafchamps, *Sequential Decisions under Uncertainty and Labor Market Failure: A Model of Household Behavior in the African Semi-Arid Tropics*. UC Berkeley.
- 2001 Michael James Roberts, *Hotelling Reconsidered: The Implications of Asset Pricing Theory on Natural Resource Price Trends*. UC Berkeley.

#### Outstanding Ph.D. Dissertation-Honorable Mention

- 1957 Yair Mundlak, *Analysis of Agricultural Production Forecasts in the Statistical Decision Theory Framework*. UC Berkeley.
- 1979 Peter George Bushnell, *Dynamic Analysis of the Worm Almond Market and the United States Almond Marketing Order*. UC Davis.
- 1983 Christopher Ackello-Ogutu, *A Test of the Nutrient Nonsubstitution Hypothesis in Crop Response and Fertilizer Carryover Analysis*. UC Davis.
- 1988 Bruce Alan Babcock, *The Value of Weather Information in Agriculture*. UC Berkeley.
- 1988 Lois Schertz Willet. **Honorable Mention**
- 1991 Douglas Davidson Parker, *The Economics of Marketing Agricultural Product Quality*. UC Berkeley.
- 1996 Kathryn Blackman Bicknell. **Honorable Mention**
- 2003 Renos Nicos Vakis, *The Impact of Market Failures on Household Behavior: Explaining Labor Market Segmentation, Technology Adoption Patterns and Transactions Costs in Rural Peru*. UC Berkeley.

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## History of the Giannini Foundation of Agricultural Economics

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The 2005 Annals of the Giannini Foundation of Agricultural Economics provides a brief historical description of the Giannini Foundation of Agricultural Economics, University of California, and reflects the contribution of Foundation members to the profession. It is prepared for the occasion of the 75th Giannini Foundation Anniversary Symposium held on the Davis campus. The event memorializes A. P. Giannini's early affiliation with agriculture and his generous gift to the university in support of California agriculture and rural areas in a period of difficult economic times. In addition, the symposium celebrates the accomplishments of the Foundation over the past 75 years in meeting the changing needs of this dynamic sector of the California economy and examines challenges and issues that deserve the university's attention as we move forward through the 21st Century. Commissioned papers and discussant comments will be published for general audiences.

The University of California's 2005-06 academic year includes two celebrations commemorating the 1928 gift of \$1,500,000 to the Regents of the University of California in tribute to A. P. Giannini, founder and president of BancItaly Corporation. The gift specified that no more than one-third of the gift be used for construction of Giannini Hall on the Berkeley Campus, designated to house the Giannini Foundation of Agricultural Economics. In September 2005, the 75th anniversary of completion of Giannini Hall on the Berkeley campus was memorialized by an event sponsored by the College of Natural Resources.

### The Giannini Foundation of Agricultural Economics

The remainder of the gift became an endowment fund supporting the Giannini Foundation of Agricultural Economics. The endowment provides important support for activity in agricultural and resource economics at the University of California. The gift specifies that the annual income from the endowment is to support "the activities of the Foundation (which) are to be regarded as chiefly: (a) those of research with the purpose to find the facts and conditions which will promise or threaten to affect the economic status of California agriculturalists; and (b) those of formulating ways and means of enabling the agriculturalists of California to profit from the existence of favorable facts and conditions, and to protect themselves as well as possible from adverse facts and conditions."

The mission of the Foundation broadly encourages production and dissemination of scientific information relating to production, marketing, and consumption of agricultural commodities; development and allocation of natural and environmental resources; welfare of farm

families, farm laborers, and rural communities; and interrelationships among the agricultural sector, the rural community, and other components of the state, national, and world economies.

The Giannini Foundation is a systemwide University of California organization reporting to the Division of Agricultural and Natural Resources in the Office of the President. There are currently 59 active members. Associate membership is accorded to other professional economists with interests in the programs and activities of the Foundation.

The Foundation budget is used to support selected research projects; sponsor publication of the bimonthly *ARE Update*, which reports topical activities of members; publish the Giannini Foundation research series; and promote a number of activities designed to enhance the professional work of Foundation members and associates and enhance the relevance of that work to problems faced by society at large.

### Early History

All University of California teaching, research, and extension programs in agriculture were administered from the Berkeley campus during the first half of the 1900s, including agricultural programs located at the University Farm at Davis, the Citrus Research Station at Riverside, and the Los Angeles campus. The founding members of the Giannini Foundation were an eclectic group, including eight economists (six agricultural economists, a forest economist, and an irrigation economist), the director of agricultural extension and four extension specialists, and the first director of the Giannini Foundation, Claude B. Hutchison, an agricultural scientist who was formerly the director of the Davis branch of the College of Agriculture from 1922 to 1924. Hutchison quickly launched an expanded program in research and extension in marketing, finance, and management problems of California farmers.

### Current Structure

The chair of the Berkeley Department of Agricultural Economics served as director of the Foundation for much of its early history. The Berkeley and Davis departments were one department, with the chair at Berkeley and the vice-chair at Davis, until 1966, when the Department of Agricultural Economics became an independent unit of the College of Agriculture at Davis. Reorganizations since have attempted to recognize the expanded spheres of responsibilities that have resulted from delegation of many activities to general campuses of the university.

## Giannini Foundation of Agricultural Economics

Leadership of the Foundation is now vested in the Giannini Foundation Executive Board with three standing members (UC Vice-President of Agricultural and Natural Resources and chairs of the Berkeley and Davis departments) plus two Foundation members—one each from Berkeley and Davis serving staggered six-year terms with the senior one named as director of the Foundation for a three-year period.

### Library Facilities

The Giannini Foundation Library at Berkeley was opened in 1930 to provide needed research material for the Foundation staff. It is considered to be one

of the finest specialized collections in agricultural economics in the world. The Davis departmental library is a smaller, excellent research library that has been developed with departmental, campus and Foundation support. Both libraries contain a wide range of materials—papers, books, periodicals, serials, conference proceedings, and symposia and workshop reports, as well as reports and statistics from local, state, national, and international governmental agencies, associations, societies, research foundations, and business organizations. Both libraries are non-circulating libraries, but they are also open to others for on-site use.

## Current Members and Associate Members, 2005–2006 Giannini Foundation of Agricultural Economics

### Giannini Foundation Executive Board, 2005–2006

W. J. (Reg) Gomes	University of California Vice-President, Agricultural and Natural Resources
Jeffrey M. Perloff	Department Chair, University of California Berkeley
Richard E. Howitt	Department Chair, University of California Davis
David Zilberman	Director, University of California Berkeley
Karen M. Klonsky	Cooperative Extension Economist, University of California Davis

### Agricultural and Resource Economics and Policy, University of California, Berkeley

#### Faculty Members

Irma Adelman	Jeffrey T. LaFrance
Maximilian Auffhammer	Ethan Ligon
Peter Berck	Richard B. Norgaard
Alain de Janvry	Jeffrey M. Perloff
Anthony C. Fisher	Gordon C. Rausser
J. Keith Gilles	Jeffrey M. Romm
W. Michael Hanemann	Elisabeth Sadoulet
Ann E. Harrison	David L. Sunding
Guido Imbens	Sofia Berto Villas-Boas
George G. Judge	Brian D. Wright
Larry S. Karp	David Zilberman

#### Cooperative Extension Specialists

Alix Peterson Zwane	Howard R. Rosenberg
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### Environmental and Natural Resource Economics University of California, Riverside

Kenneth Baerenklau	Keith C. Knapp
W. Bowman (Bo) Cutter	Kurt A. Schwabe
Linda M. Fernandez	

### Agricultural and Resource Economics University of California, Davis

#### Faculty Members

Julian M. Alston	Philip L. Martin
Steven R. Boucher	Alex F. McCalla
Hoy F. Carman	Catherine J. Morrison Paul
Colin A. Carter	Quirino Paris
James A. Chalfant	Scott D. Rozelle
Y. Hossein Farzin	Richard J. Sexton
Rachael E. Goodhue	Lawrence E. Shepard
Richard D. Green	Aaron D. Smith
Arthur M. Havenner	Daniel A. Sumner
Richard E. Howitt	J. Edward Taylor
Lovell S. (Tu) Jarvis	James E. Wilen
Warren E. Johnston	Jeffrey C. Williams
Douglas M. Larson	

#### Cooperative Extension Specialists

Steven C. Blank	Shermain D. Hardesty
Leslie J. (Bees) Butler	Desmond A. Jolly
Roberta L. Cook	Karen M. Klonsky

### Associate Members

Berkeley	Davis
David Roland-Holst	Peter H. Lindert
Leo Simon	Hyunok Lee
Arnold Zellner	Alan L. Olmstead
	Steve Vosti

## Giannini Foundation Leadership 1928–2006

### Giannini Foundation Directors, 1928–1982

Claude B. Hutchison	October 1928 – June 1931
Howard R. Tolley	July 1931 – April 1936
Edwin C. Voorhies (Acting)	Intermittent 1932 – April 1936
Murray R. Benedict (Acting)	May 1936 – October 1937
Carl L. Alsberg	October 1937 – October 1940
Murray R. Benedict (Acting)	November 1940 – December 1941
Harry Wellman (Acting)	January 1942 – April 1942
Harry Wellman	April 1942 – June 1952
R. G. Bressler	July 1952 – June 1957
George L. Mehren	July 1957 – June 1963
Loy L. Sammet	July 1963 – September 1967
David A. Clarke, Jr.	October 1967 – August 1974
James N. Boles (Acting)	August 1974 – June 1975
Loy L. Sammet (Acting)	July 1975 – June 1976
B. Delworth Gardner	July 1976 – June 1982

### Giannini Foundation Executive Committee Chairs, 1982–2000

Warren E. Johnston	1982–1984
Gordon C. Rausser	1984–1986
Warren E. Johnston	1986–1988
Alain de Janvry	1988–1990
Hoy F. Carman	1990–1992
Richard J. Sexton	1992–1995
David Zilberman	1995–1999
Anthony C. Fisher	1999–2000

### Giannini Foundation Director and Chair of the Executive Committee, 2000–2006

Richard J. Sexton	2000–2003
David Zilberman	2003–Present

### Giannini Foundation Staff

Susan Casement	Librarian (Retired), UC Davis
Grace Dote	Librarian (Retired), UC Berkeley
Susan Garabino	Librarian, UC Berkeley
Barbara Hegenbart	Librarian, UC Davis
Julie McNamara	Outreach Coordinator, UC Davis

## Programs in Agricultural and Resource Economics

The Department of Agricultural and Resource Economics and Policy at Berkeley, the Department of Agricultural and Resource Economics at Davis, and the Department of Environmental and Natural Resource Economics at Riverside support undergraduate and graduate teaching, research, public service, and cooperative extension programs. Research programs cover agribusiness, agricultural and resource policy, agricultural marketing, applied econometrics, demand analysis, development, environment and resources, finance, food policy, human resources, intellectual property rights/biotechnology, international trade, and production economics. Cooperative extension program areas include farm management and production economics; utilization, development, pricing, and management of natural resources and the environment; food distribution and marketing; food safety; management and finance; market performance and structure; risk management; agricultural labor and personnel management; and trade and development.

## Emeriti of the Giannini Foundation of Agricultural Economics

Irma Adelman	Alex F. McCalla
Oscar R. Burt	Chester O. McCorkle
Harold O. Carter	William L. McKillop
Kenneth R. Farrell	Kirby S. Moulton
Ben C. French	Refugio I. Rochin
B. Delworth Gardner	Sherman Robinson
Leon Garoyan	Gordon A. Rowe
George E. Goldman	Andrew Schmitz
Dale M. Heien	Jerome B. Siebert
Warren E. Johnston	Stephen Sosnick
George G. Judge	Dennis E. Teegarden
Gordon A. King	L. Tim Wallace
Sylvia Lane	Henry J. Vaux, Jr.
Elmer W. Learn	William W. Wood, Jr.
Samuel H. Logan	

## Chronology of Faculty and Specialist Appointments at Berkeley, Davis, Los Angeles, and Riverside

<b>Early Appointments</b>		<b>Departmental Appointments in Academic Units of the Foundation, 1925-2005*</b>	
Pre-1908	Leroy Anderson, professor of agricultural practice; superintendent of farm schools; taught the first course in farm management at Berkeley	1925	Emil Rauchenstein, Berkeley David Weeks, Berkeley
1913	O. J. Kern, Agricultural Education; taught in Rural Institutions, Berkeley Bertram H. Crocheron, director, Agricultural Extension, Berkeley Frederick L. Griffin, Agricultural Education; taught in Rural Institutions, Berkeley	1929	Claude B. Hutchison, Berkeley
1914	Richard L. Adams, agronomy; taught farm management; later held appointment in Agricultural Economics, Berkeley Walter Mulford, forestry, Berkeley	1930	George M. Peterson, Berkeley Howard R. Tolley, Berkeley
1915	Elwood Mead, Rural Institutions, Berkeley Frank Adams, irrigation, Berkeley; later appointed to Agricultural Economics, Davis	1931	Murray R. Benedict, Berkeley Ellis A. Stokdyke, Berkeley James N. Tinley, Berkeley, Davis
1919	Edwin C. Voorhies, animal husbandry; later appointed to Agricultural Economics, Berkeley, Davis	1932	Howard J. Stover, Berkeley
1920	William R. Camp, Rural Institutions, Berkeley Claude B. Hutchison, director of the College of Agriculture at Davis; later appointed as first director of the Giannini Foundation of Agricultural Economics, Berkeley	1936	Roy J. Smith, Davis, Los Angeles, Riverside
1922	Henry E. Erdman, Rural Institutions; later appointed to Agricultural Economics, Berkeley	1937	Carl L. Alsberg, Berkeley
1923	Lee W. Fluharty, Agricultural Extension, Berkeley; later appointed to Agricultural Economics, Berkeley	1938	Sigfried von Ciriacy-Wantrup, Berkeley
1924	Sherwood W. Shear, Rural Institutions; later appointed to Agricultural Economics, Davis Charles H. West, Rural Institutions, Berkeley	1939	Sidney S. Hoos, Berkeley George M. Kuznets, Berkeley
1925	Harry R. Wellman, Agricultural Extension, Berkeley; later appointed to Agricultural Economics, Berkeley	1942	Dorothy S. Thomas, Berkeley
		1946	Horace Belshaw, Davis George L. Mehren, Berkeley
		1947	Trimble R. Hedges, Davis Ivan M. Lee, Berkeley Chester O. McCorkle, Davis
		1948	Raymond G. Bressler, Jr., Berkeley Varden Fuller, Berkeley, Davis Kenneth D. Naden, Los Angeles Henry J. Vaux, Berkeley John A. Zivnuska, Berkeley
		1949	Jerry Foytik, Davis Edgar L. Haff, Davis
		1951	David A. Clarke, Jr., Berkeley
		1952	Guy Black, Berkeley
		1953	James B. Hassler, Berkeley Herbert J. Snyder, Davis
		1955	James N. Boles, Berkeley J. Edwin Faris, Davis Stephen C. Smith, Berkeley

\* Departmental Designations

Berkeley	1925-1975 - Agricultural Economics 1976-1998 - Agricultural and Resource Economics 1998-2005 - Agricultural and Resource Economics and Policy
Davis	Through 1966 - Agricultural Economics (administered by Berkeley) 1966-1995 - Agricultural Economics 1995-2005 - Agricultural and Resource Economics
Los Angeles	Agricultural Economics (terminated in 1960)
Riverside	Environmental and Natural Resource Economics

# Giannini Foundation of Agricultural Economics

1956	Norman R. Collins, Berkeley Jerome W. Milliman, Los Angeles Willar F. Mueller, Davis	1976	Peter Berck, Berkeley B. Delworth Gardner, Davis W. Michael Hanemann, Berkeley Rulon D. Pope, Davis
1957	Gerald W. Dean, Davis Gordon A. King, Davis Stephen H. Sosnick, Davis	1977	Alexander Sarris, Berkeley
1958	Harold O. Carter, Davis D. Barton DeLoach, Los Angeles, Davis Loy L. Sammet, Berkeley	1978	Robert A. Collins, Davis Sally K. Fairfax, Berkeley
1959	Michael F. Brewer, Berkeley Ben C. French, Davis Irving F. Hoch, Berkeley H. Russell Shaw, Davis	1979	Irma Adelman, Berkeley Philip D. Gardner, Riverside Darwin C. Hall, Riverside Arthur M. Havenner, Davis Gordon C. Rausser, Berkeley James E. Wilen, Davis David Zilberman, Berkeley
1960	David J. Allee, Berkeley Oscar Burt, Davis Curtis C. Harris, Davis	1980	John Antle, Davis Peter H. Farquar, Davis Jeffrey M. Perloff, Berkeley Jeffrey M. Romm, Berkeley Keith C. Knapp, Riverside
1962	Theodore S. Goering, Berkeley Davis McEntire, Berkeley	1981	Ray C. Nelson, Davis
1963	Warren E. Johnston, Davis Dennis E. Teeguarden, Berkeley	1982	Frances Antonovitz, Davis Anthony C. Fisher, Berkeley Dale M. Heien, Davis Sherman Robinson, Berkeley
1964	William McKillop, Berkeley Roger J. Vandenborre, Berkeley	1983	James A. Chalfant, Berkeley J. Keith Gilles, Berkeley
1965	Joseph D. Coffey, Berkeley Joe B. Stevens, Berkeley	1984	Thomas W. Hazlett, Davis Lovell S. Jarvis, Davis Larry S. Karp, Berkeley Richard J. Sexton, Davis
1966	Alain C. de Janvry, Berkeley Alex F. McCalla, Davis	1985	Elisabeth Sadoulet, Berkeley Brian D. Wright, Berkeley
1967	Jurg H. Bieri, Berkeley Hoy F. Carman, Davis Samuel H. Logan, Davis	1986	Colin A. Carter, Davis Robert D. Innes, Davis George G. Judge, Berkeley Lars J. Olson, Riverside
1968	Peter G. Helmberger, Berkeley Andrew Schmitz, Berkeley	1987	Michael R. Caputo, Davis J. Edward Taylor, Davis
1969	David E. Hansen, Davis Sylvia Lane, Davis Elmer W. Learn, Davis Theodore P. Lianos, Davis Quirino Paris, Davis David W. Seckler, Berkeley	1988	Julian M. Alston, Davis Douglas M. Larson, Davis
1970	Ronald G. Lorentson, Berkeley Richard B. Norgaard, Berkeley Edith Parker, Davis	1989	Marilyn D. Whitney, Davis
1971	Gordon C. Rausser, Davis	1990	Perry A. Sadorsky, Riverside
1972	Daryl E. Carlson, Davis	1991	Garth J. Holloway, Davis
1973	E. Phillip LeVeen, Berkeley Henry J. Vaux, Jr., Riverside	1992	James A. Chalfant, Davis Michael B. Ward, Berkeley
1974	John E. Kushman, Davis	1993	Daniel A. Sumner, Davis
1975	Richard D. Green, Davis Richard E. Howitt, Davis Richard E. Just, Berkeley Philip L. Martin, Davis Refugio I. Rochin, Davis Lawrence E. Shepard, Davis Barbara S. Zoloth, Davis	1994	Ethan Ligon, Berkeley Arthur C. Thomas, Riverside
		1995	Catherine J. Morrison Paul, Davis
		1996	Y. Hossein Farzin, Davis

# Giannini Foundation of Agricultural Economics

1997	Scott D. Rozelle, Davis David L. Sunding, Berkeley Jeffrey C. Williams, Davis	1954	Gordon A. Rowe, Berkeley Ralph G. Rush, Berkeley
1998	Rachael E. Goodhue, Davis Jeffrey T. LaFrance, Berkeley	1955	Philip S. Parsons, Davis
1999	Linda M. Fernandez, Riverside Kurt A. Schwabe, Riverside	1957	Kenneth R. Farrell, Berkeley
2001	Stephen R. Boucher, Davis W. Bowman (Bo) Cutter, Riverside Ann E. Harrison, Berkeley Aaron D. Smith, Davis	1959	Eric Thor, Berkeley
2002	Kenneth A. Baerenklau, Riverside Guido Imbens, Berkeley Sofia Berto Villas-Boas, Berkeley	1961	Oswald P. Blaich, Berkeley Olan D. Forker, Berkeley
2003	Maximilian Auffhammer, Berkeley Jean O. Lanjouw, Berkeley	1962	John W. Mamer, Berkeley Edward A. Yeary, Kearny Agricultural Center, Parlier
<b>Cooperative Extension Appointments in Agricultural Economics, 1925-1985</b>		1963	George E. Goldman, Berkeley L. Tim Wallace, Berkeley
1923	Lee W. Fluharty, Berkeley	1964	William W. Wood, Jr., Riverside
1925	Harry R. Wellman, Berkeley	1966	Jerome B. Siebert, Berkeley
1927	Elmer W. Braun, Berkeley Francis R. Wilcox, Berkeley	1970	Richard H. Courtney, Berkeley Leon Garoyan, Davis Kirby S. Moulton, Berkeley
1929	Arthur Shultis, Berkeley	1971	Desmond A. Jolly, Davis
1930	Burt B. Burlingame, Berkeley	1972	James H. Cothorn, Davis
1931	William C. Ockey, Berkeley	1979	L. Joe Moffitt, Riverside Kent D. Olson, Davis
1932	Wallace Sullivan, Berkeley	1981	Karen M. Klonsky, Davis Howard R. Rosenberg, Berkeley Etaferahu Takele, Riverside
1934	Dallas W. Smythe, Berkeley	1982	John L. Baritelle, Berkeley
1935	John B. Schneider, Berkeley J. Murray Thompson, Berkeley	1985	Roberta L. Cook, Davis
1937	George B. Alcorn, Berkeley	1987	Leslie J. (Bees) Butler, Davis
1938	G. Alvin Carpenter, Berkeley	1990	Steven C. Blank, Davis
1939	Lee C. Benson, Berkeley	1993	Douglas D. Parker, Berkeley
1948	A. Doyle Reed, Berkeley, Davis Robert C. Rock, Berkeley, Riverside	2002	Alix Peterson Zwane, Berkeley Shermain D. Hardesty, Davis

# American Association of Agricultural Economics Honors and Awards

## Fellows of the American Association of Agricultural Economics

1962	Murray R. Benedict
1963	Raymond G. Bressler, Jr.
1975	S. V. Ciriacy-Wantrup
1977	Sidney S. Hoos
1979	Varden Fuller
1980	Harold O. Carter
1981	Ben C. French
1982	George M. Kuznets
1983	Gordon A. King
1984	Sylvia Lane
1985	Andrew Schmitz Harry R. Wellman
1988	Alex F. McCalla
1990	Gordon C. Rausser
1991	Alain de Janvry
1992	B. Delworth Gardner
1995	Warren E. Johnston George G. Judge
1998	Irma Adelman David Zilberman
1999	Daniel A. Sumner
2000	Julian Alston Colin Carter
2001	James E. Wilen
2002	Brian D. Wright
2003	Jeffrey M. Perloff
2004	Richard J. Sexton

## Presidents of the American Association of Agricultural Economics

1929	H. E. Erdman
1933	Howard R. Tolley
1941	Murray R. Benedict
1953	Harry R. Wellman
1959	Raymond G. Bressler, Jr.
1991	Warren E. Johnston

## Editors of the *Journal of Farm Economics* (v. 1-49) and the *American Journal of Agricultural Economics* (v. 50-88)

1930-1932	Vol. 12-14	H. E. Erdman
1969-1971	Vol. 51-53	Varden Fuller
1984-1986	Vol. 66-68	Richard E. Just Gordon C. Rausser
1998-2000	Vol. 80-82	Richard J. Sexton
2001-2004	Vol. 83-86	Peter Berck Robert J. Myers

## Publication of Enduring Quality Awards

- 1982 Andrew Schmitz and David Seckler. "Mechanized Agriculture and Social Welfare: The Case of the Tomato Harvester." *American Journal of Agricultural Economics* 52 (1970).
- 1983 Oscar R. Burt. "The Economics of Conjunctive Use of Ground and Surface Water." *Hilgardia* 36 (1964).
- 1984 Poykayil S. George and Gordon A. King. *Consumer Demand for Food Commodities in the United States with Projections for 1980*. Berkeley CA: Giannini Foundation Monograph 26, 1971.
- 1987 John Martin Currie, John A. Murphy, and Andrew Schmitz. "The Concept of Economic Surplus and Its Use in Economic Analysis." *Economic Journal* 81 (1971).
- 1993 Gordon C. Rausser and Eithan Hochman. *Dynamic Agricultural Systems: Economic Prediction and Control*. New York NY: North Holland, 1979.
- 1994 Richard E. Just, Darrell L. Hueth, and Andrew Schmitz. *Applied Welfare Economics and Public Policy*. Englewood Cliffs NJ: Prentice-Hall, Inc., 1982.
- 2003 Gershon Feder, Richard E. Just, and Andrew Schmitz. "Futures Markets and the Theory of the Firm under Price Uncertainty." *Quarterly Journal of Economics* 94 (1980).
- 2005 Gershon Feder, Richard E. Just, and David Zilberman. "Adoption of Agricultural Innovations in Developing Countries: A Survey." *Economic Development and Cultural Change* 33 (1985).

## Quality of Research Discovery Awards (Outstanding Published Research Report)

- 1957 David A. Clarke, Jr. *Milk Delivery Costs and Volume Pricing Procedures in California*. Berkeley CA: California Agricultural Experiment Station Bulletin 757, 1956.
- 1963 Gerald W. Dean and Harold O. Carter. "Some Effects of Income Taxes on Large Scale Agriculture." *Journal of Farm Economics* 44 (1962).
- 1963 Stephen Sosnick. "Orderly Marketing for California Avocados." *Hilgardia* 33 (1962).
- 1964 Gordon A. King and Lee F. Schrader. "Regional Location of Cattle Feeding: A Spatial Equilibrium Analysis." *Hilgardia* 34 (1963).
- 1966 Peter G. Helmberger and Sidney Hoos. *Cooperative Bargaining in Agriculture Grower-Processor Markets in Fruits and Vegetables*. Berkeley CA: University of California Division of Agricultural Sciences, 1965.

- 1967 D. Lee Bawden, Harold O. Carter, and Gerald W. Dean. "Interregional Competition in the United States Turkey Industry." *Hilgardia* 13 (1966).
- 1967 Oscar R. Burt. "Economic Control of Groundwater Reserves." *Journal of Farm Economics* 48 (1966) Part I.
- 1968 Gerald W. Dean and Norman R. Collins. *World Trade in Fresh Oranges: An Analysis of the Effect of European Economic Community Tariff Policies*. Berkeley CA: Giannini Foundation Monograph 18, 1967.
- 1970 Pinhas Zusman, A. Melamed, and I. Katzir. *Possible Trade and Welfare Effects of EEC Tariff and 'Reference Price' Policy on the European-Mediterranean Market for Winter Oranges*. Berkeley CA: Giannini Foundation Monograph 24, 1969.
- 1971 Richard Shumway, Gordon A. King, Harold O. Carter, and Gerald W. Dean. *Regional Resource Use for Agricultural Production in California, 1961-65 and 1980*. Berkeley CA: Giannini Foundation Monograph 25, 1970.
- 1972 Poykayil S. George and Gordon A. King. *Consumer Demand for Food Commodities in the United States with Projections for 1980*. Berkeley CA: Giannini Foundation Monograph 26, 1971.
- 1976 Gordon C. Rausser and Richard E. Howitt. "Stochastic Control of Environmental Externalities." *Annals of Economics and Social Measurement* (1975).
- 1978 Gershon Feder, Richard Just, and Andrew Schmitz. "Storage with Price Uncertainty in International Trade." *International Economic Review* 13 (1977).
- 1979 Hans P. Binswanger, Vernon W. Ruttan, Uri Ben-Zion, Alain de Janvry, Robert E. Evenson, Yujiro Hayami, Terry L. Roe, John H. Sanders, William W. Wade, Adolf Weber, and Patrick Young. *Induced Innovation Technology, Institutions, and Development*. Baltimore MD: Johns Hopkins University Press, 1978.
- 1980 Gordon C. Rausser and Eithan Hochman. *Dynamic Agricultural Systems: Economic Prediction and Control*. New York NY: North Holland Publishing Co., 1979. Honorable Mention.
- 1981 Richard E. Just and Wen S. Chern. "Tomatoes, Technology, and Oligopsony." *Bell Journal of Economics* 11 (1980). Honorable Mention.
- 1982 Andrew Schmitz, Alex F. McCalla, Donald O. Mitchell, and Colin A. Carter. *Grain Export Cartels*. Cambridge MA: Ballinger Publishing Co., 1981.
- 1984 Richard E. Just and David Zilberman. "Stochastic Structure, Farm Size, and Technology Adoption in Developing Agriculture." *Oxford Economic Papers* 65 (1983). Honorable Mention.
- 1986 Alex McCalla, T. Kelley White, and Kenneth Clayton. *Embargoes, Surplus Disposal, and U.S. Agriculture*. Washington DC: U.S. Department of Agriculture Economic Research Service Agricultural Economics Report 564, 1986. Honorable Mention.
- 1987 Gordon C. Rausser, James A. Chalfant, H. Alan Love, and Kostas G. Stamoulis. "Macroeconomic Linkages, Taxes, and Subsidies in the U.S. Agricultural Sector." *American Journal of Agricultural Economics* 68 (1986).
- 1990 Jeffrey T. LaFrance and W. Michael Hanemann. "The Dual Structure of Incomplete Demand Systems." *American Journal of Agricultural Economics* 71 (1989).
- 1991 Richard E. Just, David Zilberman, Eithan Hochman, and Ziv Bar-Shira. "Input Allocation in Multicrop Systems." *American Journal of Agricultural Economics* 72 (1990).
- 1992 Jeffrey C. Williams and Brian D. Wright. *Storage and Commodity Markets*. Cambridge England: Cambridge University Press, 1991.
- 1995 Randal R. Rucker, Walter N. Thurman, and Daniel A. Sumner. "Restricting the Market for Quota: An Analysis of Tobacco Production Rights with Corroboration from Congressional Testimony." *Journal of Political Economy* 103 (1995).
- 1996 Julian M. Alston, George W. Norton, and Philip Pardey. *Science under Scarcity: Principles and Practice for Agricultural Research Evaluation and Priority Setting*. Ithaca NY: Cornell University Press, 1995. Honorable Mention.
- 1998 Frances R. Homans and James E. Wilen. "A Model of Regulated Open Access Resource Use." *Journal of Environmental Economics and Management* 32 (1997).
- 2000 James N. Sanchirico and James E. Wilen. "Bio-Economics of Spatial Exploitation in a Patch Environment." *Journal of Environmental Economics and Management* (37). Honorable Mention.
- 2001 Gordon C. Rausser and Arthur A. Small. "Valuing Research Leads: Bioprospecting and the Conservation of Genetic Resources." *Journal of Political Economy* 108 (2000).
- 2002 Junjie Wu, David Zilberman, and Bruce A. Babcock. "Environmental and Distributional Impacts of Conservation Targeting Strategies." *Journal of Environmental Economics and Management* 41 (2001).
- 2003 Hanan J. Jacoby, Guo Li, and Scott Rozelle. "Hazards of Expropriation: Tenure Insecurity and Investment in Rural China." *American Economic Review* 92 (2002).

### Outstanding Journal Article Awards

- 1959 Gerald W. Dean and Earl O. Heady. "Changes in Supply Response and Elasticity for Hogs." *Journal of Farm Economics* 40 (1958).
- 1968 Vernon R. Eidman, Gerald W. Dean, and Harold O. Carter. "An Application of Statistical Decision Theory to Commercial Turkey Production." *Journal of Farm Economics* 49 (1967).
- 1971 Andrew Schmitz and David Seckler. "Mechanized Agriculture and Social Welfare: The Tomato Harvester." *American Journal of Agricultural Economics* 52 (1970).
- 1982 Richard E. Just and Gordon C. Rausser. "Commodity Price Forecasting with Large Scale Econometric Models and the Futures Market." *American Journal of Agricultural Economics* 63 (1981).
- 1984 Alexander H. Sarris and John Freebairn. "Endogenous Price Policies and International Wheat Prices." *American Journal of Agricultural Economics* 65 (1983).
- 1986 Julian M. Alston. "An Analysis of Growth of U.S. Farmland Prices, 1963-82." *American Journal of Agricultural Economics* 68 (1986).
- 1995 Randal R. Rucker, Walter N. Thurman, and Daniel A. Sumner. "Restricting the Market for Quota: An Analysis of Tobacco Production Rights with Corroboration from Congressional Testimony." *Journal of Political Economy* 103 (1995).
- 1997 Shy Y. Huang and Richard J. Sexton. "Measuring Returns to an Innovation in an Imperfectly Competitive Market: Application to Mechanical Harvesting of Processing Tomatoes in Taiwan." *American Journal of Agricultural Economics* 78 (1996).
- 2001 David L. Sunding and Joshua Zivin. "Insect Population Dynamics, Pesticide Use, and Farmworker Health." *American Journal of Agricultural Economics* 82 (2000).
- Nigel Key, Elisabeth Sadoulet, and Alain de Janvry. "Transaction Costs and Agricultural Household Supply Response." *American Journal of Agricultural Economics* 82 (2000). Honorable Mention.

### Quality of Communication Awards

- 1975 Harold O. Carter, George M. Briggs, John R. Goss, Maurice L. Peterson, David W. Robinson, Seymore D. Van Gundy, Pran Vohra, and James G. Youde. *A Hungry World: The Challenge to Agriculture*. Berkeley CA: University of California Food Task Force, 1974.

- 1979 Mary E. Ryan, Robert L. Tontz, Martin K. Christiansen, James P. Houck, Peter K. Pollak, Bob F. Jones, Robert L. Thompson, Jimmie S. Hillman, Anne E. Peck, Andrew Schmitz, Steven C. Schmidt, Harold D. Guither, Arthur B. Mackie, Leo V. Mayer, and Harold Breimyer. *Speaking of Trade: Its Effect on Agriculture*. University of Minnesota Agricultural Experiment Service Report 72, 1978.
- 1980 Richard Beck, Ronald R. Canham, Ronald C. Faas, Bruce Florea, George Goldman, Robert E. Howell, Eugene Lewis, Garnet Premier, Neil R. Rimbey, Theodore R. Siegler, Bruce Weber, and Russell C. Youmans. *Coping with Growth*. Corvallis OR: Western Rural Development Center, 1979. Honorable Mention.
- 1981 Robert G. F. Spitze, Marshall A. Martin, Milton C. Hallberg, Tom A. Stucker, Alex F. McCalla, Bruce Gardner, Willard W. Cochrane, and Sylvia Lane. *Analysis of Food and Agricultural Policies for the Eighties*. Robert G. F. Spitze and M. A. Martin, eds. Urbana IL: University of Illinois Agricultural Experiment Station North Central Regional Research Publication 271, 1980. Honorable Mention.
- 1985 Daniel A. Sumner and Julian M. Alston. "Removal of Price Supports and Supply Controls for U.S. Tobacco: An Economic Analysis of the Impact." Washington DC: Food and Agriculture Committee National Planning Association Report 220, 1985. Honorable Mention.
- 1989 Harold O. Carter, Carole F. Nuckton, Sandra O. Archibald, Karen Berke, Ray Coppock, Adel Kader, Bill Liebhardt, James Lyons, Bennie Osburn, Mike Poe, James Seiber, and Mike Stimmann. *Chemicals in the Human Food Chain: Sources, Options, and Public Policy*. New York NY: Van Nostrand Reinhold, 1990.
- 1993 Quirino Paris. "The von Liebig Hypothesis." *American Journal of Agricultural Economics* 74 (1992). Honorable Mention.
- 1995 Jonathan Brooks and Colin A. Carter. *The Political Economy of U.S. Agriculture*. Canberra, Australia: Australian Bureau of Agriculture and Resource Economics Research Report 94.8, 1994.
- 1996 B. Delworth Gardner. *Plowing Ground in Washington: The Political Economy of U.S. Agriculture*. San Francisco CA: Pacific Research Institute for Public Policy, 1995.
- 1996 Daniel A. Sumner, series editor. *American Enterprise Institute Studies in Agricultural Policy*. Seven-volume series including studies by Julian M. Alston and Philip Pardey, John Antle, Peter Barry, Barry Goodwin and Vincent Smith, Daniel A. Sumner, Walter Thurman, and Brian Wright and Bruce Gardner. Washington DC: The AEI Press, 1995. Honorable Mention.

**Distinguished Policy Contribution Award**

- 1992 George E. Rossmiller and Kenneth R. Farrell for their leadership in developing the National Center for Food and Agricultural Policy and fostering work on food, agricultural and related policies.
- 1993 Gordon C. Rausser for contributions to the research base, policy debate, and reform concerning agricultural production inflexibilities and macroeconomic linkages.
- 1995 Daniel A. Sumner for contributions to U.S. agricultural policy analysis, formulation, negotiation, and implementation both through scholarly work at the university and in government service, domestic and international.
- 1998 Colin A. Carter for research that identified the empirical importance of inefficiencies in the operations of state trading enterprises, changing the way that farmers and policy makers view agricultural state trading enterprises.

- 2001 Julian M. Alston and Philip G. Pardey for their joint program of work on the economic analysis of agricultural R&D, science, and technology policy.

**Outstanding Article in Choices Award**

- 2003 Steven C. Blank. "Is Agriculture a 'Way Of Life' or a Business?" *Choices* Summer (2002).
- 2004 Colin A. Carter and Guillaume P. Gruere. "International Approaches to the Labeling of Genetically Modified Foods." *Choices* Second Quarter (2003).

**Distinguished Extension Program Award**

- 1982 George Goldman.

## Western Agricultural Economics Association Honors and Awards

### Distinguished Scholars of the WAEA Western Agricultural Economics Association

- 2002 Harold O. Carter  
2004 Warren E. Johnston and Alex F. McCalla

### Presidents of the Western Agricultural Economics Association

- 1928-29 Henry E. Erdman  
1931-32 Howard R. Tolley  
1940-41 Murray R. Benedict  
1947-48 D. Barton DeLoach  
1948-49 Harry R. Wellman  
1951-52 Sidney S. Hoos  
1954-55 Raymond G. Bressler, Jr.  
1965-66 Chester O. McCorkle, Jr.  
1970-71 Ben C. French  
1975-76 Harold O. Carter  
1987-88 Oscar R. Burt  
2001-02 Steven C. Blank

### Journal of Agricultural and Resource Economics Published Research Award

- 2002 Iddo Kan, Kurt A. Schwabe, and Keith C. Knapp. "Microeconomics of Irrigation with Saline Water." *Journal of Agricultural and Resource Economics* 27 (2002).

### Outstanding Extension Program Award

- 2002 Richard Carkner, John Hewlett, Lorne Owen, Howard Rosenberg, Trent Teegerstrom, Jeffrey Tranel, and Randy Weigel. *Ag Help Wanted: Guidelines for Managing Agricultural Labor*, Western Farm Management Extension Committee, 2002.

### Outstanding Extension Program Award for Career

- 2004 Steven C. Blank. "Risk Management in Agriculture, 1990-2004."

### Outstanding Published Research Awards (Excellence in Published Research)

- 1981 Jon A. Brandt and Ben C. French. *An Analysis of Economic Relationships and Projected Adjustments in the U.S. Tomato Industry*. Berkeley CA: Giannini Foundation Research Report 331, 1981. Honorable Mention.  
1983 Richard E. Just, David Zilberman, and Eithan Hochman. "Estimation of Multi-Crop Production Functions." *American Journal of Agricultural Economics* 65 (1983).

- 1989 Jeffrey T. LaFrance and W. Michael Hanemann. "The Dual Structure of Incomplete Demand Systems." *American Journal of Agricultural Economics* 71 (1989).  
1990 Julian M. Alston, Colin A. Carter, Richard Green, and Daniel Pick. "Wither Armington Trade Models?" *American Journal of Agricultural Economics* 72 (1990).  
1991 Israel Finkelshtain and James A. Chalfant. "Marketed Surplus under Risk: Do Peasants Agree with Sandmo?" *American Journal of Agricultural Economics* 73 (1991).  
1993 William E. Foster and Gordon C. Rausser. "Price-Distorting Compensation Serving the Consumer and Taxpayer Interest." *Public Choice* 77 (1993).  
1994 John H. Constantine, Julian M. Alston, and Vincent H. Smith. "Economic Impacts of the California One-Variety Cotton Law." *Journal of Political Economy* 102 (1994).  
1996 Shu-Yu Huang and Richard J. Sexton. "Measuring Returns to an Innovation in an Imperfectly Competitive Market: Applications to Mechanical Harvesting of Processing Tomatoes in Taiwan." *American Journal of Agricultural Economics* 78 (1996). Honorable Mention.  
1997 Frances R. Homans and James E. Wilen. "A Model of Regulated Open Access Resource Use." *Journal of Environmental Economics and Management* 32 (1997). Honorable Mention.  
1999 James A. Chalfant, Jennifer S. James, Nathalie Lavoie, and Richard J. Sexton. "Asymmetric Grading Error and Adverse Selection: Lemons in the California Prune Industry." *Journal of Agricultural and Resource Economics* 24 (1999).  
2000 Julian M. Alston, Michele C. Marra, Connie Chang-Kang, Philip G. Pardey, and T. J. Wyatt. "A Meta-Analysis of Rates of Return to Agricultural R&D: 'Ex Pede Herculem?'" Washington DC: International Food Policy Research Institute Research Report 113, 2000.  
2001 Julian M. Alston, John W. Freebairn, and Jennifer S. James. "Beggars-Thy-Neighbor Advertising: Theory and Application to Generic Commodity Promotion Programs." *American Journal of Agricultural Economics* 83 (2001).  
2005 Jeffrey T. LaFrance. "Integrability of the Linear Approximate Almost Ideal Demand System." *Economics Letters* 84 (2004).

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## Ph.D. Recipients and Dissertation Titles

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**University of California, Berkeley  
Department of Agricultural  
and Resource Economics and Policy**

1917

John William Lloyd, *Co-Operative and Other Organized Methods of Marketing California Horticultural Product.*

1926

Harry Richard Wellman, *An Analysis of the Methods of Pooling Employed by the Cooperative Fruit Marketing Associations in California.*

1927

Carl August Scholl, *An Economic Study of the California Almond Growers Exchange.*

1928

David Weeks, *Factors Affecting Selling Prices of Land in the Eleventh Federal Farm Loan District.*

1930

Philip Jenkins Webster, *An Analysis of the Evolution of Co-Operative Marketing Policies Advocated in the Sunsweet Standard.*

1933

Omer Mills, *Revolving Finance for Cooperative Associations.*

1934

Rutillus Harrison Allen, *Economic History of Agriculture in Monterey County, California, during the American Period.*

Von Theurer Ellsworth, *The Property Tax in California with Emphasis on Its Relation to Agriculture.*

John Kenneth Galbraith, *California County Expenditures: An Analysis of the Trends and Variation in Expenditures between Counties for County Services and Functions.*

Nessim William Hazan, *France as a Market for California Fruits and a Competitor in Fruit Production.*

1936

Lester DeWitt Mallory, *Wheat Valorization: The French Attempt.*

1937

Lindsay Alexander Crawford, *An Analysis of Methods for Conducting Studies of Farm Organization with Special Reference to California Conditions.*

Walter Ulrich Fuhrman, *Property Tax Delinquency in Utah with Special Reference to Delinquency on Farm Property, 1928 to 1933.*

Roy James Smith, *An Economic Analysis of the California State Land Settlements at Durham and Delhi.*

1939

Levi Varden Fuller, *The Supply of Agricultural Labor as a Factor in the Evolution of Farm Organization in California.*

Horace Richard Josephson, *Factors Affecting Costs and Returns of Timber Production in Second-Growth Pine Stands of the Sierra Nevada Foothills.*

1940

John Bartholomew Schneider, *The California Tomato Industry with Special Reference to Marketing.*

Mohammed Monir Mohammed El Zalaki, *An Analysis of the Organization of Egyptian Agriculture and of Its Influence on National Economic and Social Institutions.*

1941

Donald Francis McMillen, *An Analysis of the Marketing Control Programs Used in the California Canning Cling Peach Industry.*

1942

George Louis Mehren, *An Economic Analysis of the Voluntary Marketing Control Programs in the California Orange Industry.*

1944

Mohammed El Said Mohammed, *The Structure and Function of Agricultural Export Trade in the Egyptian Economy.*

1948

Kenneth Dale Naden, *Economic Analysis of the Organization and Operations of the Challenge Cream and Butter Association.*

Henry James Vaux, *An Economic-Statistical Analysis of Lumber Requirements for California Housing.*

1949

Jerry Foytik, *The California Plum Industry: An Economic Study.*

Werner Zvi Hirsch, *The Economics of Integration in Agricultural Marketing.*

1950

Resat Mehmet Aktan, *Agricultural Policy of Turkey with Special Emphasis on Land Tenure.*

Robert Leroy Clodius, *An Analysis of Statutory Marketing Control Programs in the California-Arizona Orange Industry.*

1951

David Andrew Clarke, Jr., *Costs, Pricing, and Conservation in Wholesale Milk Delivery in Los Angeles.*

Perry Fred Philipp, *An Economic Analysis of the Diversified Agriculture of Hawaii.*

Addison Doyle Reed, *Improving California Poultry Management.*

## Giannini Foundation of Agricultural Economics

### 1952

Alexander Eckstein, *The Economic Development of Hungary, 1920 to 1950: Study in the Growth of an Economically Underdeveloped Area.*

Philip Charles Habib, *Some Economic Aspects of the California Lumber Industry and their Relation to Forest Use.*

James Burton Hassler, *Pricing Efficiency in the Manufactured Dairy Products Industry.*

Chester Oliver McCorkle, Jr., *Economies of Scale on Cotton-Potato Farms in the Shafter-Wasco-Delano-McFarland Area of California.*

Robert William Rudd, *Feeder Pig Prices with Special Reference to Kentucky Livestock Auctions.*

### 1953

John Cave Abbott, *Trends in the Marketing of Poultry with Special Reference to the Problems of Fryer Raisers in Northern California.*

Chester Bird Baker, *Government Participation in the Supply of Short-Term Credit for Agriculture.*

Gustav Robinson Gregory, *Developing Economic Growth Goals for Forest Production.*

Montague Yudelman, *South African Native Reserve Policy with Special Emphasis on Considerations of Welfare.*

### 1954

Benjamin Carver French, *Economic Efficiency in California Pear Packing Plants.*

Jimmye Standard Hillman, *Economic Aspects of Interstate Agricultural Trade Barriers in the Western Region.*

Joe Oscar Lammi, *Primary Money Income from Range Watersheds.*

John Herbert Snyder, *Factors Affecting the Ground-Water Economy of the Antelope Valley, Los Angeles County, California.*

Hasan Sheikh Ali Thamir, *Agricultural Policy in Iraq: A Study of Prevailing Conditions and Problems with Emphasis on Land, Credit and Cooperative Reforms.*

Norman Zellner, *An Economic Analysis of the California Prune Industry.*

### 1955

James Newton Boles, *Economies of Scale for Evaporated Milk Plants in California.*

Irving Dubov, *The Evaporated Milk Industry in the Western Region.*

Israel Irving Holland, *Some Factors Affecting the Consumption of Lumber in the United States with Emphasis on Demand.*

Aziz Sayeed, *Role of Cooperation in the Social and Economic Planning of India.*

David Arnold Wilson, *An Analysis of Lumber Exports from the Coast Region of British Columbia to the United States and United Kingdom, 1920-1952.*

### 1956

Jack Lessinger, *The Determination of Land Use in Rural-Urban Transition Areas: A Case Study in Northern Santa Clara Valley, California.*

Eric Thor, *The Application of Economic-Engineering Research Techniques in Planning Fruit and Vegetable Packing Plants with Special Reference to Florida Citrus.*

### 1957

Yair Kadishay, *Adjustment Possibilities on Cotton Farms in Western Fresno County, California.*

Yair Mundlak, *Analysis of Agricultural Production Forecasts in the Statistical Decision Theory Framework.*

Raymond Eugene Seltzer, *The Competitive Position of the Los Angeles Cattle Market.*

Cecil Nuckols Smith, *An Economic Analysis of the Eastern Apple Industry.*

Nicholas Thuroczy, *Economic Analyses of Multiple Pricing Plans for United States Barley.*

### 1958

John Toscan Bennett, *An Economic Analysis of Market-Control Programs for California Clingstone Peaches.*

Rex David Helfinstine, *An Economic Comparison of Dryland Farming and Potential Irrigation Farming in Central South Dakota.*

John William Mamer, *The Generation and Proliferation of Agricultural Hand-Laborsaving Technology: A Case Study in Sugar Beets.*

Chaim Mendelsohn, *International Trade in Oranges: Competition for Export Markets.*

John Anthony Mollette, *Britain's Agricultural Dilemma: A Study of Farm Policies and Programs, 1920-1957.*

Loy Luther Sammet, *Economic and Engineering Factors in Agricultural Processing Plant Design.*

Charles Peairs Wilson, *An Economic and Statistical Analysis of Beef Cattle Marketing and Prices.*

### 1959

Michael Fraser Brewer, *Water Pricing and Allocation with Particular Reference to California Irrigation Districts.*

Irving Franklin Davis, Jr., *An Economic Analysis of Saving in Agriculture with Special Reference to California.*

Carleton Cecil Dennis, *Interregional Competition in the Frozen Strawberry Industry.*

Nadim George Hajjar, *Intraregional Trade in the Arab Near East with Emphasis on the Products of Agriculture.*

Richard Lee Simmons, *Optimum Adjustments of the Dairy Industry of the Western Region to Economic Conditions of 1975.*

### 1960

Mahesh Chandra Agarwal, *Rotation Selection on the Family Farm in the District of Muzaffarnagar of India.*

Jack Richard Davidson, *Economic Efficiency and Firm Adjustment for Market Milk Production in the Southern Metropolitan Milkshed of California.*

Lehman Blanton Fletcher, *Growth and Adjustment of the Los Angeles Milkshed: A Study in the Economics of Location.*

Stephen James Hiemstra, *An Analysis of Forces Affecting the Procurement of Merchandise by Retail Grocery Firms.*

Richard Joseph McConnen, *The Economics of Range Fertilization in California.*

Leonidas Polopolus, *U.S. Beet Sugar: A Study of Industry Structure and Performance under Protection and Control.*

#### 1961

Marquis Lyndon Fowler, *An Economic-Statistical Analysis of the Foreign Demand for American Cotton.*

Peter George Helmberger, *Cooperative Bargaining in Agriculture.*

William Edwin Martin, *A California Interindustry Analysis Emphasizing Agriculture.*

Elmer Lyle Menzie, *Section 22 of the Agricultural Adjustment Act of 1933: A Study in Public Policy Formation and Administration.*

Russell Edward Moffett, *Measuring Optimum Level of Investment with Reference to a Particular Water Distribution System.*

Daniel Ivan Padberg, *Changes in the Nature of Competition in the Dairy Industry in California.*

Robert Holbrooke Reed, *Economic Efficiency in Multiple Product Frozen Vegetable Plants.*

Lee Frederick Schrader, *A Spatial Equilibrium Analysis of Cattle Feeding in the United States.*

Francis James Smith, Jr., *The Impact of Technological Change on the Marketing of Salinas Lettuce.*

John Fred Stollsteimer, *The Effect of Technical Change and Output Expansion on the Optimum Number, Size, and Location of Pear Marketing Facilities in a California Pear Producing Region.*

Pinhas Zusman, *Econometric Analysis of the Market for California Early Potatoes.*

#### 1962

Jed Ardell Adams, *Intermarket Producer Price Relationships for Fluid Milk in California.*

John Robert Allison, *The Economies Associated with Size of Pear-Producing Firms.*

Oscar Raymond Burt, *The Economics of Conjunctive Use of Ground and Surface Water.*

Olan Dean Forker, *Short and Long Term Adjustments for the Manufactured Dairy Products Industry of California.*

John Arnold Jamison, *Economic Implications of the Structure and Organization of the California Fresh Deciduous Fruit Industry.*

Samuel Herschel Logan, *An Economic Analysis of Scale Economies in Beef Slaughter Plants.*

Robert Ormond McMahon, *A Deductive Study of Difference in Forest Management Intensity on Nonindustrial Forest Lands.*

William Gerard O'Regan, *An Experimental Approach to the Determination of Demand for Orange Concentrate.*

William Neill Schaller, *A Recursive Programming Analysis of Regional Production Response.*

#### 1963

Dennis John Aigner, *A Study of Recursive Programming: Dynamic Supply Prediction.*

Lynn Rader, *Economic Analysis of Range Improvement Practices in Beef Cattle Ranch Management for the Foothill Range Areas of California.*

Aziz Abdel-Fattah Saleh, *An Economic Study of the California Cantaloupe Industry.*

#### 1964

Dennis Lee Bawden, *Interregional Models of the United States Turkey Industry.*

Gardner Mallard Brown, Jr., *Distribution of Benefits and Costs: A Case Study of the San Joaquin Valley-Southern California Aqueduct System.*

Lawrence S. Davis, *The Economics of Wildfire Protection with Emphasis on Fuel Break Systems.*

Osman Ahmed El-Kholei, *An Econometric Analysis of the Impact of the European Common Market on the Egyptian Economy.*

Ahmed Ahmed Mohamed Goueli, *Economic Planning of Production and Marketing Facilities.*

Robert Lindsay Leonard, *Integrated Management of Ground and Surface Water in Relation to Water Importation: The Experience of Los Angeles County.*

S. Ananda Rao, *Analysis of Land Values and Uses in the Context of Local Economic Growth: An Empirical Approach with Special Reference to San Benito County, California.*

Jerome Bernard Siebert, *Long Range Adjustment of Orange Packing Houses in Central California: A Consideration of the Optimum Number, Size, and Location of Packing Facilities.*

Gary Charles Taylor, *The Economic Planning of Water Supply Systems with Particular Reference to Water Conveyance.*

Dennis Earl Teeguarden, *The Market for Private Timber in the Central Sierra Nevada Region of California: An Economic Analysis of Market Structure, Conduct, and Stability.*

#### 1965

Richard Olof Been, *A Reconstruction of the Classical Theory of Location.*

Duran Bell, Jr., *Models of Commodity Transfer with Special Reference to the Lemon Industry.*

William Ross Bentley, *An Economic Analysis of the Timber Allocation Policies of the United States Forest Service.*

Vernon Roy Eidman, *Optimum Production Plans for California Turkey Growers with Chance-Constrained Programming.*

Richard Carlton Haidacher, *An Econometric Study of the Demand for Prune Juice.*

Richard Timothy Francis King, *River Basin Projects and Regional Development: An Examination of Public Investment Criteria in the Light of Mexican Experience.*

Donald Gene Larson, *Measurement of the Enumerator Effect on Response Variability in the 1959 Census of Agriculture.*

Charles Harvey Little, *Derivation of a Model for Predicting Lumber Grade Recovery.*

William L. McKillop, *Consumption and Price of Forest Products in the U.S.: An Econometric Study.*

Ali Ismail Medani, *Constant Versus Non-Constant Production Elasticities among Firms.*

Yu Hsuen Mo, *An Econometric Study of the California Walnut Industry.*

Jugal Kishore Sharma, *The Application of Monte Carlo Methods to the Evaluation of Small Sample Properties of Three-Stage Least Squares Procedure.*

William Wilson Wood, Jr., *Federal Marketing Orders and Commodity Group Organization.*

1966

Harold L. Baker, *The Role of Timber Growing in Land Use in Hawaii.*

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