

ROGER A. DAHLGRAN

CURRICULUM VITAE

CAMPUS OFFICE:

Department of Agricultural and Resource Economics
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PERSONAL DATA:

Born: October 21, 1952, Nebraska City, Nebraska. Married, two children.

EDUCATION:

- Ph.D. Aug 1980 Economics and Statistics, North Carolina State University.
Dissertation: Interregional Transfers and Distribution of Welfare Costs
due to Milk Market Regulation.
Major Professors: Richard A. King, and Bibhuti B. Bhattacharyya.
- M.E. May 1977 Economics, North Carolina State University.
- B.S. Feb 1974 Agricultural Business, Iowa State University.

EMPLOYMENT HISTORY:

10/85 - Present. Department of Agricultural and Resource Economics, University of Arizona,
Associate Professor - 7/90 - present, Assistant Professor - 10/85 - 6/90.

Working full-time on a twelve-month, 60 percent research, 40 percent teaching appointment. Fields of major interest include econometric analysis of the cash and futures markets for agricultural commodities. Recent research has focused on measuring market interconnectedness for commodity and futures markets, methods of valuing contractually supplied inputs, the dynamics of futures-market price behavior, changing U.S. food demand relationships with implications for the agricultural production and

processing sectors, and evaluating the effectiveness of innovations used in teaching agricultural economics concepts. Current teaching responsibilities include Introduction to Econometrics and the Economics of Futures Markets. Continuously advising graduate and twenty undergraduate students and active in faculty governance.

4/80 - 10/85 Assistant Professor, Department of Economics, Iowa State University.

Worked full-time on a twelve-month, 40 percent teaching, 25 percent undergraduate advising and 35 percent research appointment. Taught Introduction to Agribusiness to freshman, Agribusiness Management to seniors, graduate Agricultural Price Analysis, and graduate Quantitative Methods. Research involvement included serving as leader on projects entitled "The Macroeconomics of Agriculture and Agricultural-Nonagricultural Macroeconomic Linkages," "Implications of Emerging Policy Issues and Market Developments for the North Central Dairy Industry," and "Factors Affecting the Structure and Behavior of Agribusiness Firms." Served as principal investigator on project entitled "Commodity Price Analysis and Risk Management." Advised 65 undergraduate, and fifteen graduate students.

9/75 - 3/80 Research/Teaching Assistant, Department of Economics and Business, North Carolina State University.

Worked as a half-time research assistant for Professor Richard King. Investigated efficient resource allocation in the dairy industry in the southeastern United States. Constructed econometric models of the production, processing and distribution sectors. Taught one section of Principles of Microeconomics.

3/74 - 9/75 Operations Analyst, Agronomy Division, Land O'Lakes, Inc., Agricultural Services Division, Fort Dodge, Iowa.

Worked full-time in market forecasting, acquisition analysis, budgeting and product allocation for a division of Land O'Lakes involved in the wholesale agricultural fertilizer, seed, and chemical business. Resigned to continue education.

1/72 - 3/74 Research Technician, Department of Economics, Iowa State University, Ames, Iowa.

Worked part-time on research on the economics of Iowa hog production. Modified simulation model of confinement hog production to evaluate four alternative swine marketing strategies. Performed basic statistical analyses on hog production survey data.

1/69 - 12/72 Farmer affiliated with family enterprise, Riverton, Iowa.

Farmed 80 rented acres growing corn and soybeans. Fed hogs and cattle.

PROFESSIONAL ASSOCIATIONS:

American Agricultural Economics Association.
Western Agricultural Economics Association.
Southern Agricultural Economics Association.

PROFESSIONAL SPECIALIZATION:

Econometric analysis and forecasting for agricultural markets with emphases on commodity futures markets, the detection of structural change in food demand relationships, and quantitative analysis of teaching technologies.

HONORS AND AWARDS:

University of Arizona Faculty Fellow, Fall 2000-present. (\$4,000 annual stipend. Available only by nomination from Faculty Fellows Nominating Committee)

Included in *Who's Who Among America's Teachers*. Requires nomination from a student.

Recipient of 2001-02 *Community Service Award* from University of Arizona SALT Center.

Recipient of a University of Arizona, College of Agriculture Teaching Enhancement Award (\$780). Competitive award open to all University of Arizona, College of Agriculture faculty, 1995.

College of Agriculture, Faculty Teaching Award, 1994. Annual award recognizing the outstanding teacher in the College of Agriculture at the University of Arizona.

Recipient of University of Arizona, Instructional Computing Grant Award (\$1,700). Competitive award program open to all University of Arizona faculty, 1994.

Advisor for thesis awarded Honorable Mention in the 1994 American Agricultural Economics Association Outstanding M.S. Thesis Competition. Dean Fairchild, author.

National Association of Colleges and Teachers of Agriculture, Teaching Award of Merit 1992.

Recipient of a University of Arizona, Provost's Teaching Improvement Award (\$2,000). Competitive award program open to all University of Arizona faculty, 1990.

Recipient of an American Agricultural Economics Association (AAEA) Travel Scholarship (\$200) to attend the Research Issues in Agribusiness Management Conference, sponsored by the Agribusiness Management Committee of the AAEA, held July 30 and 31, 1986, in Reno, Nevada. Competitive award open to all AAEA members.

Recipient of an American Agricultural Economics Association Travel Grant (\$800) to attend the 1985 meetings of the International Association of Agricultural Economics, held August 26-September 4, 1985 in Malaga, Spain. Competitive award open to all AAEA members who received degree in previous five years.

Member of Phi Kappa Phi, Scholastic Honor Society.

RESEARCH PUBLICATIONS:

Chapters in Scholarly Monographs:

Dahlgran, Roger A. "Is Meat Demand in Equilibrium?" The Economics of Meat Demand, ed. Ruben C. Buse, pp. 187-200, University of Wisconsin, 1989.

Dahlgran, Roger A. "An Overview of Demand Modeling Research with Implications for Modeling Dairy Demands." Advertising Promotion and Consumer Use of Dairy Products, ed. Cameron S. Thraen, pp. 123-144, The Ohio State University, 1989.

Journal Publications:

Dahlgran, Roger A. "Online Homework for Agricultural Economics Instruction: Frankenstein's Monster or Robo TA?." Journal of Agricultural and Applied Economics, Forthcoming April 2008.

Dahlgran, Roger A. "Transaction Frequency and Hedging in Commodity Processing." Journal of Agricultural and Resource Economics, 30(Dec 2005):411-30.

Dahlgran, Roger A. "A Multifaceted Online Futures Market Testbank: Content and Code." Journal of Economic Education, 35(Fall 2004):415.

Dahlgran, Roger A. "Internet Usage in Agricultural Economics Instruction." NACTA Journal, 47, No. 1(Mar 2003):8-13.

Dahlgran, Roger A., and D. G. Fairchild. "The Demand Impacts of Chicken Contamination Publicity-A Case Study." Agribusiness: An International Journal, 18(Autumn 2002): 459-474.

Dahlgran, Roger A., "Cross-Hedging the Cottonseed Crush: A Case Study." Agribusiness: An International Journal, 16(Mar 2000):141-158.

Dahlgran, Roger A., Dennis D. DiPietre, and Rick Tubbs. "Imputing Values for Directly- or Contractually-Transferred Feeder Pigs." Review of Agricultural Economics, 18(Sept 1996)423-36.

- Dahlgran, Roger A. "A Case Study from Agricultural Economics: An Economic Approach to Evaluating Teaching Innovations." NACTA Journal, 37, No. 4(Dec 1993):25-29.
- Wilson, Paul N., **Roger A. Dahlgran** and Neilson Conklin. "Perceptions as Reality on Large Scale Dairy Farms." Review of Agricultural Economics, 15(Jan.1993):89-101.
- Trindade, Gaca, **Roger A. Dahlgran**, Eric Monke, and Roger Fox. "Yield Risk in Wheat Production: A Policy Study for the Alentejo of Portugal." Estudos de Economia, 12(Apr-June 1992):303-314.
- Dahlgran, Roger A., and Steven C. Blank. "Evaluating Integration of Contiguous Discontinuous Markets." American Journal of Agricultural Economics, 74(May 1992):469-479.
- Dahlgran, Roger A., Molly Longstreth, Merle D. Faminow, and Katherine Acuna. "Robustness of an Intermittent Program of Retail Food Price Information." Journal of Consumer Affairs, 25(Summer 1991):84-97.
- Dahlgran, Roger A. "Teaching Innovations in Agricultural Economics: An Economic Approach." American Journal of Agricultural Economics, 72(Nov. 1990):873-882.
- Dahlgran, Roger A. "An Economic Perspective on Teaching-Innovation." Journal of Educational Technology Systems, 18(Jan. 1990):191-206.
- Fox, Roger, and **Roger A. Dahlgran**. "A Social Accounting Approach to Analyzing Agribusiness Competitiveness." Agribusiness: An International Journal, 6(May 1990):209-219.
- Barkley, David L., **Roger A. Dahlgran**, and Stephen M. Smith. "High-Technology Manufacturing in the Nonmetropolitan West: Gold or Just Glitter." American Journal of Agricultural Economics, 70(Aug. 1988):560-571.
- Dahlgran, Roger A., and Edwin H. Carpenter. "Econometric-Forecasting Microcomputer Software; Capabilities, Ease of Use, and Cost." Social Science Computer Review, 6(Fall 1988):410-428.
- Dahlgran, Roger A. "The Changing Meat Demand Structure in the United States: Evidence from A Price Flexibility Analysis." North Central Journal of Agricultural Economics, 10(July 1988):165-176.
- Dahlgran, Roger A. "Complete Flexibility Systems and the Stationarity of U.S. Meat Demands." Western Journal of Agricultural Economics, 12(Dec. 1987):151-163.

- Dahlgran, Roger A. "Management Simulators: A Tool for Fostering Experience-Based Learning of Agribusiness Management Concepts." Agribusiness: An International Journal, 3(Dec. 1987):404-412.
- Dahlgran, Roger A. "Agricultural Economists in the Information Age: Awareness, Usage and Attitudes Toward Electronic Bibliographic Databases." American Journal of Agricultural Economics, 69(Feb. 1987):166-173.
- Dahlgran, Roger A. "Using Simulation to Teach Agribusiness Management and Managerial Decision Making Skills." Computers and Electronics in Agriculture, 1(1986):143-150.
- Dahlgran, Roger A. "Sources of Nonstationarity in Cash and Futures Prices: Academic Discussion." Review of Research in Futures Markets, 3(1985):327-329.
- Dahlgran, Roger A. "A Synthesis of Microeconomic Duality Theory and Distributed Lag Modeling with Implications for U.S. Dairy Policy." North Central Journal of Agricultural Economics, 7(Jan. 1985):132-144.
- Dahlgran, Roger A. "Agribusiness Firms as Users of Financial Futures: Academic Discussion." Review of Research in Futures Markets, 3(1984):235-240.
- Dahlgran, Roger A. and Dale Jergensen. "The Feasibility of Hedging Working Capital Costs in Financial Futures Markets by Small Agribusiness Firms." Review of Research in Futures Markets, 1(1984):1-12.
- Deiter, Ronald E., **Roger A. Dahlgran**, and David M. Passe. "Member Awareness of Dairy Cooperative Services in the North Central Region." North Central Journal of Agricultural Economics, 4(July 1982):31-44.
- Dahlgran, Roger A. "Welfare Costs and Interregional Income Transfers Due to Regulation of Dairy Markets." American Journal of Agricultural Economics, 62(May 1980):288-296.

Abstracts:

- Dahlgran, Roger A., "The Distribution of Benefits from Online Homework." *Journal of Agricultural and Resource Economics*, 26(Dec. 2006):685-6.
- Dahlgran, Roger A., "A Template for Online Homework: Frankenstein's Monster or Robo TA?" *Journal of Agricultural and Resource Economics*, 26(Dec. 2002):575-6.
- Dahlgran, Roger A., "Technology in the Agricultural Economics Classroom: Are we on the Right Path?" *Journal of Agricultural and Resource Economics*, 26(Dec. 2001): 563.

Roger A. Dahlgran

Dahlgran, Roger A., "An Examination of Futures Price Determination through the Lens of Market Integration" *Journal of Agricultural and Resource Economics*, 25(Dec. 2000):727-8.

Dahlgran, Roger A., and Dennis D. DiPietre. "Imputing Values of Directly or Contractually Transferred Feeder Pigs." *Journal of Agricultural and Applied Economics*, 25(July 1993):284-5.

DiPietre, Dennis D., **Roger A. Dahlgran** and Marvin L. Hayenga. "Commodity Purchasing Behavior Under Uncertainty: The Role of Fear and Greed." *American Journal of Agricultural Economics*, 74(Dec.1992):1276.

Wilson, Paul N., **Roger A. Dahlgran** and Neilson C. Conklin. "Perceptions as Reality on Large-Scale Dairy Farms." *American Journal of Agricultural Economics*, 73(Dec. 1991):1540.

Dahlgran, Roger A. "Simulating and Accounting for Futures Trading in a Teaching Environment." *American Journal of Agricultural Economics*, 73(Dec. 1991):1558.

Dahlgran, Roger A. "A Futures Trading Simulator." *Zenith Data Systems Masters of Innovation II, 1990 Competition, Abstract of Entries, Business Category*, p.11.

Dahlgran, Roger A. "A Production Function for Evaluating Teaching Innovation in the Agricultural Economics Classroom." *American Journal of Agricultural Economics*, 69(Dec. 1987):1082.

Dahlgran, Roger A. "Agricultural Economists' Awareness, Usage, and Attitudes Toward Electronic Bibliographic Databases." *American Journal of Agricultural Economics*, 68(Dec. 1986):1386.

Dahlgran, Roger A. "Additional Evidence on the Changing Demand Structure for Meats in the United States." *Southern Journal of Agricultural Economics*, 18(July 1986):175.

Dahlgran, Roger A. "Automated Data for the Agricultural Economist: Opportunities and Pitfalls." *American Journal of Agricultural Economics*, 66(Dec. 1984):892. (Organized symposium.)

Dahlgran, Roger A. "The Short- and Long-Run Milk Supply Response with Implications for U.S. Dairy Policy." *Southern Journal of Agricultural Economics*, 16(July 1984):188.

Research Reports:

DiPietre, Dennis D., **Roger A. Dahlgran**, and Marvin Hayenga. *A Stochastic Control Model of Optimal Positions in Cash and Futures Markets*. Center for the Study of Futures Markets,

Working Paper Series No. 137, Columbia Business School, Columbia University, New York, NY, 1986. (30 pages.)

Dahlgran, Roger A. Dairy Marketing and Policy Analysis: A Critical Review of Recent Empirical Studies. Department of Economics and Business, Economics Special Report No. 62, North Carolina State University at Raleigh, March 1981. (40 pages.)

King, Richard A., **Roger A. Dahlgran**, A.A. McDermed, and D.C. McPeters. Evaluation of Alternative Milk Plant Locations. Department of Economics and Business, Economics Special Report Number 52, North Carolina State University at Raleigh, June 1979. (52 pages.)

Conference Proceedings - Invited Papers Presented and Published:

Dahlgran, Roger A. "An Interpersonal Debate on Teaching Technology: Chalk or Chips?" Invited (unpublished) presentation to an American Agricultural Economics Association Teaching Workshop entitled "Connecting With Students", Indianapolis, Indiana, August 5-9, 1995.

DiPietre, Dennis, **Roger A. Dahlgran**, and Rick Tubbs. "Value Vs. Price in High Quality Feeder Pigs: Is There a Difference." Proceedings of the American Association of Swine Practitioners, Kansas City, Missouri, March 7-9, 1993.

Tubbs, Rick, and **Roger A. Dahlgran**. "Influence of Facility Type on Swine Grow-Finish Performance." Proceedings of the American Association of Swine Practitioners, Kansas City, Missouri, March 7-9, 1993.

Dahlgran, Roger A. "An Overview of Demand Modeling Research with Implications for Modeling Dairy Demands." Advertising, Promotion and Consumer Use of Dairy Products. Proceedings of a research conference sponsored by Regional Dairy Projects NC-176, NE-153, and S-166, Atlanta, Georgia, October 27-28, 1987. ed. C. Thraen and D. Hahn, pp. 123-144.

Dahlgran, Roger A. "Some Pitfalls in the Use of Simulation Games to Teach Agribusiness Management." Computers in Agricultural Marketing. Workshop sponsored by the North Central Computer Institute. ed. John R. Schmidt, 1986, pp.11-18.

Dahlgran, Roger A. "Reactive Programming: One Tool for Dairy Policy Analysis." Dairy Models and Modeling for Policy Analysis: Concepts and Critical Issues. Proceedings of a research conference sponsored by Regional Dairy Projects NC-176, NE-153, and S-166, Columbia, Ohio, October 29, 1985. ed. C. Thraen, pp.93-111.

Conference Proceedings - Selected Papers Presented and Published:

- Dahlgran, R. A. 2007. "Inventory and Transformation Hedging Effectiveness in Corn Crushing." *Internet Published Proceedings of the NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, Chicago, Illinois, April 16-17, 2007.* (http://www.farmdoc.uiuc.edu/nccc134/conf_2007/pdf/confp02-07.pdf)
- Dahlgran, Roger A., "A Comparative Evaluation of Cash Flow and Batch Profit Hedging Effectiveness in Commodity Processing" *Internet Published Proceedings of the NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis Missouri, April 17-18, 2006.* (http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=23124&ftype=.pdf)
- Dahlgran, Roger A., "Hedging Cash Flows from Commodity Processing" *Internet Published Proceedings of the NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis Missouri, April 18-19, 2005.* (http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=18808&ftype=.pdf)
- Dahlgran, Roger A., "Transaction Frequency, Inventories and Hedging in Commodity Processing" *Internet Published Proceedings of the NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis Missouri, April 19-20, 2004.* (http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=15383&ftype=.pdf)
- Dahlgran, Roger A., "An ARCH Analysis of the Hedging Performance of Imminently Maturing Futures Contracts" *Internet Published Proceedings of the NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis Missouri, April 21-22, 2003.* (http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=10921&ftype=.pdf)
- Dahlgran, Roger A., "A Template for Online Homework: Frankenstein's Monster or Robo TA?" *Internet Published Proceedings of the Western Agricultural Economics Association Annual Meetings, Long Beach, California, July 28-31, 2002.* (http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=5740&ftype=.pdf)
- Dahlgran, Roger A., "Inventory and Transformation Risks in Soybean Processing" *Internet Published Proceedings of the NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis Missouri, April 22-23, 2002.* (http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=4776&ftype=.pdf)
- Dahlgran, Roger A., "Technology in the Agricultural Economics Classroom: Are we on the Right Path?" *Internet Published Proceedings of the Western Agricultural Economics Association Annual Meetings, Logan, Utah, July 8-11, 2001.* (http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=3378&ftype=.pdf)
- Dahlgran, Roger A., "An Examination of Futures Price Determination through the Lens of Market Integration" *Internet Published Proceedings of the Western Agricultural Economics Association Annual Meetings, Vancouver, British Columbia, July 29-August 1, 2000.* (http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=2271&ftype=.pdf)
- Fairchild, Dean G. and **Roger A. Dahlgran.** "Is it Going to be a Bad Day if a 60 Minutes Camera Crew is Waiting for You at Work? - Case Study of Chicken Contamination

- Publicity." *Proceedings of the NCR-Conference on Applied Commodity Price Analysis, Forecasting and Market Risk Management*, Chicago Illinois, April 22-23, 1996. ed. B. Wade Brorsen, pp. 204-16.
- Dahlgran, Roger A., "The Quality of Speculation in the Soybean Complex." *Proceedings of the NCR-Conference on Applied Commodity Price Analysis, Forecasting and Market Risk Management*, Chicago Illinois, April 24-25, 1995. ed. B. Wade Brorsen, pp. 26-43.
- Dahlgran, Roger A. "Lest We Forget: Measuring the Costs and Benefits of Teaching Innovations." New Technologies and Innovations in Agricultural Economics Instruction, Proceedings of a conference and workshop hosted at the University of Kentucky, Feb 1992. eds. David L. Debertin, Mary A. Marchant, and Stephan J. Goets, pp. 135-45.
- Dahlgran, Roger A., Dennis D. DiPietre, Roderick L. Tubbs, and Bill M. Greenley. "Estimating the Implicit Value of Management and Production Technology for Contractually Transferred Feeder Pigs." Applied Commodity Price Analysis, Forecasting, and Market Risk Management, Proceedings of the NCR-134 Conference, Chicago, Illinois, April 20-21, 1992. ed. M. Hayenga. pp. 75-84.
- Dahlgran, Roger A. "An Economic Perspective on Introducing, Managing, and Evaluating Teaching Innovations." Social Science Perspectives Journal, 3(no.6):19-36. Proceedings of the National Social Science Association Western Conference, Reno, Nevada, April 6-8, 1989.
- Dahlgran, Roger A. "If the Software Fits: Capabilities, Ease of Use, and Cost of Econometric Forecasting Microcomputer Software." Applied Commodity Price Analysis, Forecasting and Market Risk Management, Proceedings of the NCR-134 Conference, St. Louis, Missouri, April 22-23, 1987. ed. M. Hayenga, pp. 346-361.
- Firch, Robert S., and **Roger A. Dahlgran**. "Implied Volatility and Interest Rates in Early Pricing of Put Options on Agricultural Commodities." Applied Commodity Price Analysis, Forecasting and Market Risk Management. Proceedings of the NCR-134 Conference, St. Louis, Missouri, April 22-23, 1987. ed. M. Hayenga, pp. 278-284.
- Dahlgran, Roger A. "The Changing Structure of U.S. Meat Demand: Implications for Meat Price Forecasting." Applied Commodity Price Analysis, Forecasting and Market Risk Management. Proceedings of the NCR-134 Conference, St. Louis, Missouri, April 22-23, 1986. ed. M. Hayenga, pp. 274-286.
- Dipietre, Dennis D., Marvin Hayenga, and **Roger A. Dahlgran**. "A Stochastic Risk-Return Model of Optimal Cash-Futures Positions." Applied Price Analysis and Forecasting. Proceedings of the NCR-134 Conference, St. Louis, Missouri, April 26-27, 1984, in St. Louis, Missouri. ed. M. Hayenga, pp. 177-199.

Dahlgran, Roger A. "Resolving Dairy Market Disequilibrium: Forecasting the Simple Answers to Simple Questions." Applied Price Analysis and Forecasting. Proceedings of the NCR-134 Conference, St. Louis, Missouri, April 26-27, 1984. ed. M. Hayenga, pp. 281-300.

Poster Presentations:

"Does Online Homework Work?" Selected poster presented at the Western Region Teaching Symposium, Bozeman, Montana, September 19-20, 2003.

Popular Press Publications:

Dahlgran, Roger A. "Agricultural Options as Price Insurance: Part I." Arizona Farmer Stockman, (July 1993):18-19.

Dahlgran, Roger A. "Agricultural Options as Price Insurance: Part II." Arizona Farmer Stockman, (Aug 1993):p.26.

Dahlgran, Roger A. "Comment on Purcell's 'The case of Beef Demand - A Failure by the Discipline.'" Choices, The Magazine of Food, Farm, and Resource Issues, Third Quarter, (1989):39-40.

Dahlgran, Roger A., Robert Firch and Russell Gum. "Using Marketing Strategies." Arizona Land and People, (1989).

Dahlgran, Roger A. "Learning Agricultural Management." Arizona Land and People, 4(1988):19.

Dahlgran, Roger A. "Emerging Dairy Technology: Its Economic Impact." Arizona Land and People, 1(1986):32-33.

Deiter, R.E. and **Roger A. Dahlgran**. "Do Dairy Producers Know What Coops are Doing for Them?" Farmer Cooperatives, United States Department of Agriculture, Agricultural Cooperative Service, (February 1982):8-9.

TEACHING EXPERIENCE:

Iowa State University:

Economics 192. Introduction to Agribusiness Operations. A 5 quarter credit/4 semester credit course for freshmen in Agricultural Business. Fall 1980 (30 students), Fall 1981 (120 students).

Economics 436. Agribusiness Firm Analysis. A 3 credit course for seniors in Agricultural Business, specializing in Agribusiness Management. Extensively use computer simulation game. Winter 1981 (45 students), Fall 1981 (25), Fall 1982 (22), Fall 1983 (20), Fall 1984 (25), Spring 1985 (35, one third of course).

Economics 504. Quantitative Methods in Economic Analysis. A 4 credit course for incoming Economics graduate students. Fall 1982 (44), Fall 1984 (32).

Economics 548. Quantitative Agricultural Price Analysis. A 3 credit course for advanced graduate students specializing in Agricultural Marketing and Price Analysis. Spring 1981 (13), Spring 1982 (12), Spring 1983 (11), Spring 1984 (5), Spring 1985 (8).

Economics 532. Quantitative Research and Decision Models. Team taught one third of a 3 credit course for advanced graduate students in Agricultural Marketing and Price Analysis. Spring 1982 (18), Spring 1983 (10), Spring 1984 (10), Spring 1985 (6).

University Studies 322H. Consuming in the 80's. A one credit seminar on Personal Finance and Consumer Economics for Honors Students. Spring 1983 (15).

University Studies 322H. The Role and Function of Futures Markets. A one credit seminar for Honors Students. Spring 1984 (15).

University of Arizona:

Agricultural Economics/Economics/Finance 313. Economics of Futures Markets. A three credit course for juniors and seniors in Agricultural Economics, business and finance. Website at <http://arec.arizona.edu/arec313/>. Fall 1988 (85), Fall 1989 (106), Fall 1990 (110), Fall 1991 (110), Fall 1992 (121), Fall 1993 (95), Fall 94 (109), Fall 95 (120), Fall 96 (105), Fall 97 (90), Spring 98 (5 Sierra Vista campus), Fall 98 (81), Fall 99 (77), Fall 00 (90), Fall 01 (113), Fall 02(109), Fall 03(119), Winter 04(16), Fall 04(111), Fall 05(93), Fall 06(113).

Economics 418/518. Introduction to Econometrics. A three credit course for seniors and graduate students in economics, agricultural economics and business. Website at <http://arec.arizona.edu/econ418/>. Fall 1997 (17), Fall 98 (28), Fall 99 (33), Fall 00 (19, Econ 518 only), Fall 01(8, Econ 518 only), Fall 02(15, Econ 518 only), Fall 03(23, Econ 518 only), Fall 05(22), Fall 06(23).

Agricultural Economics 404. Production Economic Analysis. A three credit course for seniors in Agricultural Economics and graduate students in other disciplines in the College of Agriculture. Fall 1986 (12).

Agricultural Economics 215. Agribusiness Management. A three credit course for sophomores and juniors in Agricultural Economics, Agribusiness, and other disciplines in the College of Agriculture. Spring 1988 (18).

Agricultural Economics 539. Applied Regression Analysis. A one credit course on estimation and prediction techniques for graduate students in the College of Agriculture. Spring 1986 (15).

Economics/Agricultural Economics 549. Applied Econometric Analysis. Developed course on modeling and analysis of agricultural markets using econometric techniques. Students use econometric theory and data to construct econometric models to analyze the impact of agricultural policies. Estimation and forecasting techniques. Spring 1986 (4), Spring 1987 (6), Spring 1988 (6), Spring 1989 (14), Spring 1991 (15), Spring 1992 (15), Spring 1993 (6), Fall 1994 (10), Fall 95 (8), Fall 96 (19).

Advising:

Undergraduate Advisor: 1988-1997, 2000-2007.

Departmental Honors Advisor: 1994-2007.

Graduate Student Advisor: 1985-2007.

SERVICE: (Only major commitments are listed)

Profession

Selection committee member: Western Agricultural Economics Association Outstanding Undergraduate Teaching Award with More than 10 Years Experience, 2006.

Chairman: American Agricultural Economics Association Information Retrieval Committee (82/83 – 86/87).

Reviewer for American, Western, Southern and North Central Journals of Agricultural Economics, Agribusiness: an International Journal, and the Journal of Consumer Affairs.

University

Selection Committee: Teaching Award for Meritorious Achievement in Undergraduate Instruction (02/03, Chair (03/04)

Faculty Senate (92/93-07/08).

Faculty Senate General Education Task Force, Chair (07/08).

Faculty Senate Academic Personnel Policy Committee (05/06-07/08).

Faculty Senate Student Affairs Policy Committee (02/03-03/04).
Faculty Senate Executive Committee (97/98, 98/99).
Faculty Senate Instruction, Curriculum and Policy Committee (96/7-97/8), *Chair* 97/98, 98/99.

Committee on Committees (06/07).
Facilities Naming Advisory Committee (99/00-07/08).
Special Course-Fees Committee (96/7-03/04).
Search Committee Chair Associate Vice President for Undergraduate Instruction, *spring* 1998
Arizona International Campus Transition Team, 1998.
Strategic Planning Budget Advisory Subcommittee on Undergraduate Experience (97/98, 98/99).
Undergraduate Council (96/7-97/8), *Chair* 97/98, 98/99.
Student Union Task Force (1993-1994)
Student Union Director Search Committee (1994-1995)

College of Agriculture

Faculty Council. (94-02)
Strategic Planning and Budget Advisory Committee. (93-99)
Curriculum Committee (90/1-91/2)

Department of Agricultural and Resource Economics

Teaching Lab Coordinator. (Responsibilities include supervising lab monitors and computer support technician, selecting and ordering new equipment, securing funding for needed equipment and software.) (93/4-02/03)
Undergraduate Program Committee (93/4-present)

OTHER RELEVANT EXPERIENCE:

May 1990. Performed needs assessment of agribusiness projects to serve as base for cooperative arrangements between Southern Peru Copper Company, Instituto Peruano de Administracion de Empresas, and the University of Arizona.

Trainer, responsible for developing and presenting Economic Forecasting for Agricultural Policy Making and Planning, an applied three week course taught on contract with International Training Division, Office of International Cooperation and Development, U.S. Department of Agriculture.

August 1985. Performed needs assessment, and served as co-trainer for analysts in the Agricultural Economics Division, Ministry of Agriculture, Government of Sudan, in

Khartoum, Sudan. Topics included economic theory, smoothing, regression analysis, and systematic problem solving.

May 1984. Performed needs assessment, and served as lead trainer for analysts in the Marketing and Credit Division, Ministry of Agriculture, Government of Jamaica, in Kingston, Jamaica. Topics included economic modeling, data collection and management, pattern forecasting, smoothing, regression analysis and computer applications.