VII. Publications and Papers:

A. Articles in Academic Journals


B. Papers under Review or in Progress


McCunn, A. and W.E. Huffman. “Inter-Sector R&D Spillovers: An Examination of Relations Between U.S. Manufacturing and Agriculture,” being revised for submission to Rev. Econ. & Statist.

Huffman, W.E., M. Rousu, J.F. Shogren, and A. Tegene. “Sub-Saharan Africa’s


C. Books


- A 9-chapter book (about 200 pages) that documents the evolution, development, and economic impacts of public agricultural research, especially the state agricultural experiment stations over the past 150 years.
- First Edition Received 1994 Quality of Research Discovery Award given by Am. Agr. Econ. Assoc.


This 474-page book provides much greater detail and documentation supporting the book Science for Agriculture. It is available through 10 university research libraries and the National Agricultural Library, Beltsville, MD. Second printing 2000.


D. Chapters in Books


State University Press, 1993, pp. 41-72.


E. Chapters in Conference Proceedings


F. Bulletins and Reports


Co-author. “Formula for Success: The Value of Federal Formula Funds to the U.S. Agricultural and Food System, 2004. Distributed by the Executive Directors, State Agricultural Experiment Station System. 10,000 copies printed, over 5,000 copies distributed.
G. Book Reviews, Replies, Published Discussant's Comments, Outreach Articles


H. Staff Working Papers

"Household Behavior: Hours of Work." Business Faculty Working Paper No. 22, Oklahoma
State University, July 1973.


"The Role of the Public Sector in Corn Inbred Line Development." Iowa State University, Department of Economics, Staff Paper No. 146, August 1984.

"Improvement of Wheat Varieties in the United States, 1919-1979." Iowa State University, Department of Economics, Staff Paper No. 156, April 1986, (45 pages).


"Supply and Demand for Agricultural Economists." Iowa State University, Department of Economics, Staff Paper No. 166, March 1987.


“Off-Farm Work Participation, Off-Farm Labor Supply and On-Farm Labor Demand of U.S.


“The Organization of Agricultural Research in Western Developed Countries,” Iowa State University, Dept. Econ., Staff Paper No. 303, Aug. 1998 (with R. Just).


“Health, Binge Drinking, and Labor Market Success: A Longitudinal Study on Young


Huffman, W.E. and R. E. Evenson. “New Econometric Evidence on Agricultural Total Factor Productivity Determinants: Impact of Funding Sources,” Iowa State University


I. Other Papers

"Household Decisions on Health and Education," unpublished research paper, Iowa State University, April 1976. (12 pages)


"Off-Farm Labor Supply of Farmers: A Case of Multiple Job-Holding," unpublished


"Estimating Profit and Transformation Functions: Application to Agriculture. Yale University, March 1981. (14 pages)

"Research Training: Ph.D. Degrees Awarded in Fields Associated with Agriculture and Home Economics by Land Grant Universities, 1920-1979," Yale University, May 1981. (35 pages)


"Off-Farm and Farm Work Decisions of Married Farm Males and Females," ISU Paper, April 1983 (with Mark Lange).


"The Institutional Development of the Public Agricultural Experiment Station System: Scientists and Departments," unpublished manuscript, Department of Economics, May 1985, (34 pages).


“Differences in the Values of Fresh Pork Attributes to a Cross-Section of U.S. Consumers,” ISU Department of Economics paper, March 1996 (with B.E. Melton, M.P. Johnson, J.D. Lawrence).

VIII. Research Grants and Contracts:

"A Cross-Sectional Analysis of Non-Farm Work of Farm Family Members," USDL, Manpower Administration grant funded July 1, 1974 - June 30, 1975 for $21,577. Oklahoma State and Iowa State University.


"The Public Agricultural Research System: An Economic Perspective on Performance and Support, 1890-1980," USDA-CSRS Cooperative Agreement, Oct. 1984 - Dec. 1986 ($40,000). This is a companion project to one funded to Robert Evenson, Yale University. The combined projects are to yield a book for the 1987 Centennial of the Agricultural Experiment Station System.


"Implications of NAFTA for Midwest Pork Production and Trade," CSRS/USDA Grant
($15,000) through Midwest Agribusiness Trade Research and Information Center (MATRIC Competitive Grant) in cooperation with the National Pork Producers Council, 1993-94 (with B. Melton).

"Consumer Perceptions of Qualitative Differences in Pork Products," Grant from the National Pork Producers Council ($15,000), 1994 (with B. Melton and J. Shogren).


"Relative Economic Values of Pork Characteristics," Contract with National Pork Producers' Council ($40,000 for 1994-95) with Bryan Melton.


“Reforming Rural Land, Capital, Labor, and Water Markets,” US-AID BASIS CRSP Proposal, Consortium led by Texas A&M University, May 2, 1996. Total request of $10.8 million over 5 years with $1 million for my labor market research, but unfunded.

Contract with the World Bank to write a research proposal An International Comparison of Efficiency and Productivity of Agricultural Research Units, June 1-July 31, 1998. $7,000.


“The Economic Value of Information for Public Policy and Farmers Decision,” USDA-ERS Cooperative Agreement with Abe Tegene (for additional $10,000, 8-15-01 to 9-30-03).


Research Initiatives Proposal. Unfunded.


IX. Seminars and Papers Professional Groups: (last 5 years only)


Huffman, Wallace E., M. Rousu, J. Shogren, and A. Tegene, “Are U.S. Consumers Tolerant of GM Foods?” Presented at the summer 2002 joint American Agricultural Economics Association and Western Agricultural Economics Association Meetings, Long Beach, CA,


Huffman, W.E. “The Role of Block Grant versus Competitive Funding of Public Agricultural Research, to USDA-ARS Entomology Department, Wesleco, TX, Jan. 26, 2006.

X. Ph.D. Dissertations Supervised (and Current Positions):

1979 Lange, Mark D. "An Economic Analysis of Time Allocation and Capital-Labor Ratios in and CEO Household Production of Farm Families in Iowa." (President and CEO, Cotton Council, Memphis, TN)


1980 Rahm, Michael R. "An Economic Analysis of the Corn Production Efficiency of Iowa Farm Firms." (Senior Agricultural Economist, Cargill Inc., Minneapolis, MN)

1982 Torok, Steven J. "International Trade in Commodities and Labor: The Case of the Importation of Mexican Agricultural Labor and Fresh Market Winter Tomatoes in the U.S., 1964-1979." (Professor, Department of Agricultural Economics, University of Wyoming, Laramie, WY)


1985 McNulty, Mark S. "Information Usage in the Formation of Price Expectations: Theory and Econometric Tests." (Co-major professor). (Former Professor of Economics, Kansas State University, Manhattan, KS; currently Economist for risk assessment of weapon systems, Los Alamos National Laboratory)


1988 Mercier, Stephanie. "An Econometric Examination of the Adoption and Use of Microcomputers by Iowa Farmers." (Research Economist, U.S. Senate Agriculture Committee)


1990 Traxler, Gregory. "Agronomic Research and Productivity Growth in Post Green Revolution Agriculture." (Associate Professor of Agr. Economics, Auburn University, Auburn, AL)


University, Hamilton, NY)


1996 Yang Li. "International Migration Under Incomplete Information: A Re-Migration Analysis." (Associate Professor, Graduate Institute of International Business Studies, National Chi-Nan University, Nantou, Taiwan)

1998 Keng, Shao-Hsun. “The Demand for Health, Heavy Drinking, and Labor Market Outcomes: A Longitudinal Study.” (Assistant Professor National Taiwan University)


2002 Rousu, Matt. “The Value to Consumers of GM-Food Labels and Verifiable Information in a Market with Asymmetric Information: Evidence from Experimental Auctions.” (Assistant Professor, Susquehanna University, Selinsgrove, PA)

2004 Chen, Zhuo. “Panel Econometric Evidence of Chinese Agricultural Household Behavior in the Later 1990s: Production Efficiency, Size Effects and Human Mobility.” (Post-Doctorate, University of Chicago, Medical School)

XI. M.S. Thesis/Creative Components Supervised:


1996 Zevallos, Rolan F. "The Utility of Information in a Time Allocation Household Model"
2001 Kepner, Valerie, “The Use of Regression Analysis to Predict Student Success in Chemistry Courses at Iowa State University.”


XII. Visiting Scholars Hosted:

1998, 2002 Abdulai, Awudu, Lecturer, Department of Agriculture, Swiss Federal Institute of Technology (ETH), Zurich, Switzerland.

1999 Alfranca, Oscar, Professor of Economics, Barcelona School of Agriculture, Polytechnic University of Catalonia, Spain.
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