

CURRICULUM VITAE

Paul N. Wilson

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I. MAJOR FIELDS OF PROFESSIONAL INTEREST

Economics of Agribusiness Management and Organization
(decision models, industrial structure, entrepreneurship, strategy)
Economics of Irrigated Agriculture
(technology adoption, irrigation district management, evaluation, project analysis)
Political Economy of Institutional Change
(environmental conflict analysis, environmental management)
Rural Economic Development
(poverty alleviation, entrepreneurship, micro-finance, project analysis and evaluation)

II. UNIVERSITY INFORMATION

	Degree	Date
University of Minnesota Agricultural and Applied Economics	Ph.D.	Dec., 1982
University of Arizona Agricultural Economics	M.S.	Dec., 1975
Arizona State University Marketing	B.S.	May, 1970

Foreign Language: Spanish (FSI 3+)

III. PROFESSIONAL APPOINTMENTS

University Distinguished Professor, University of Arizona, Tucson, AZ. 2008 to the Present.

Professor, Department of Agricultural and Resource Economics, University of Arizona, Tucson, AZ. 1994 to the Present.

Visiting Professor, Department of Soil, Water and Environmental Science, University of Arizona, Tucson, AZ. January-June, 2001.

Associate Professor, Department of Agricultural and Resource Economics, University of Arizona, Tucson, AZ. 1987 to 1994.

Visiting Associate Professor, Department of Agricultural Economics, Virginia Polytechnic Institute & State University, Blacksburg, VA. July-December, 1990.

Assistant Professor, Department of Agricultural Economics, University of Arizona, Tucson, AZ. 1982 to 1987.

Research Assistant and Instructor, Department of Agricultural and Applied Economics, University of Minnesota, St. Paul, MN. 1979 to 1982.

Assistant Rural Development Officer, Agency for International Development, Managua, Nicaragua. June, 1978 to December, 1978.

Assistant Capital Development Officer, Agency for International Development, Washington, D.C. and Managua, Nicaragua. April, 1976 to May, 1978.

Instructor and Research Associate, Department of Agricultural Economics, University of Arizona, Tucson, AZ. August, 1975 to February, 1976.

Research Assistant, Department of Agricultural Economics, University of Arizona, Tucson, AZ. 1974 to 1975.

IV. TEACHING AND ADVISING RESPONSIBILITIES

Courses taught or co-taught since 1982:

<u>Course</u>	<u>Level</u>
First-Year Colloquium <i>Global Poverty and Hunger</i>	Undergraduate
Farm Estate Planning	Undergraduate
Agribusiness Economics and Management	Undergraduate
Environmental Economics	Undergraduate
Economics, Ethics and Environmental Management	Undergraduate
Financial Management for Agribusiness	Undergraduate/Graduate
Microeconomics of Agricultural Development	Graduate
Production Economics	Graduate
Agricultural Law	Graduate

Advising responsibilities since 1982:

Undergraduate Students: 20-80 per year.

Graduate Students:

M.S. Committees:	53
M.S. Thesis Advisor:	24
Ph.D. Committees:	17

V. Journal Articles, Book Chapters and Other Peer-Reviewed Publications:

- Ardjosoediro, I. and P. N. Wilson. "Crowding Out or Crowding In? Shrimp Imports and the U.S. Shrimp Industry" *Aquaculture Economics and Management*. (Under Review)
- Kennedy, A.M. and P.N. Wilson. "Reduced Tillage Systems as Economical Dust Mitigation Strategies." *Journal of Soil and Water Conservation*. (Accepted for Publication).
- Chung, G., K. Lansey, P. Blowers, P. Brooks, W. Ela, S. Stewart, and P. Wilson. "A General Water Supply Planning Model: Evaluation of Decentralized Treatment." *Environmental Modeling & Software*. 23 (2008):893-905.
- Wilson, P.N. and J.E. Stapleford. "Transformational Development: Reducing Rural Poverty with the Poor." *Faith and Economics*. 50(2007): 102-121.
- Wilson, P.N. "The Economic Nature of Network Capital in B2B Transactions." *Agribusiness: An International Journal*. 23(2007): 435-448.
- Frisvold, G.B., P.N. Wilson and R. Needham. "Implications of Federal Farm Policy and State Regulation on Agricultural Water Use." in *Arizona Water Policy: Management Innovations in an Urbanizing, Arid Region*, B.G. Colby and K.L. Jacobs (eds.), Washington, D.C.: Resources for the Future, 2007, pp.137-156.
- Wilson, P.N. "Manual Para Redes Sociales Integradas en los Negocios." *Revista Mexicana de Agronegocios* 19 (2006): 16-26. Also published in English in the same journal.
- Wilson, P.N. "Mutual Gains from Team Learning: A Guided Design Classroom Exercise" *Review of Agricultural Economics*.27 (2005): 288-296.
- Salas, S.M.A. and P.N. Wilson. "A Farmer-Centered Analysis of Irrigation Management Transfer in Mexico." *Irrigation and Drainage Systems*. 18 (2004): 89-107. Published in Spanish in *Revista Mexicana de Agronegocios*16 (2005): 422-437.
- Wilson, P.N. "Principios de Valoracion del Agua Para Conflictos Globales Emergentes." *Revista Mexicana de Agronegocios*. 13(2003): 351-362.
- Wilson, P.N. and G.D. Thompson. "Time Integration: Agribusiness Structure for Competitive Advantage." *Review of Agricultural Economics*. 25(2003): 30-43.
- Wilson, P.N. "Economic Science and the Central Arizona Project: Lessons Learned." *Water Resources Update*. 123(June 2002): 30-37.
- Wilson, P.N. "First-Order Economizing: Irrigation Technology Adoption and the Farm." *Agrekon*. 40(June 2001): 231-248.

- Wilson, P.N. and R.D. Gibson. "The Economics of Agriculture in the Maricopa-Stanfield Irrigation and Drainage District in Central Arizona." *Irrigation and Drainage Systems: An International Journal*. 14(2000): 121-138.
- Wilson, P.N. "Social Capital, Trust and the Agribusiness of Economics." *Journal of Agricultural and Resource Economics*. 25(2000): 1-13.
- Wilson, P.N. and A.M. Kennedy. "Trustworthiness as an Economic Asset." *International Food and Agribusiness Management Review*. 2(1999): 179-193.
- Thompson, G.D. and P.N. Wilson. "Explaining Seasonal Consumption of Bagged Refrigerated Salads." *Journal of Agricultural and Resource Economics*. 24(1999): 463-481.
- Anderson, D.P., P.N. Wilson, and G.D. Thompson. "The Adoption and Diffusion of Level Fields and Basins." *Journal of Agricultural and Resource Economics*. 24(1999): 186-203.
- Wilson, P.N. "To Be or Not To Be? Selected Economic Questions Surrounding Distance Education: Discussion." *American Journal of Agricultural Economics*. 80(December 1998): 991-994.
- Selley, R.A. and P.N. Wilson. "Risk Research and Public Outreach: A Tale of Two Cultures?" *Journal of Agricultural and Resource Economics*. 22(1997): 222-232.
- Gomes, R.S., P.N. Wilson, W.E. Coates and R.W. Fox. "Cotton (*Gossypium*) Plant Residue for Fuel: An Economic Assessment." *Industrial Crops and Products*. 7(1997): 1-8.
- Thompson, G.D. and P.N. Wilson. "The Organizational Structure of the North American Fresh Tomato Market: Implications for Seasonal Trade Disputes." *Agribusiness: An International Journal*. (September/October 1997): 533-547.
- Wilson, P.N. "Economic Discovery in Federally-Supported Irrigation Districts: A Tribute to William E. Martin and Friends." *Journal of Agricultural and Resource Economics*. 22(1997): 61-77.
- Wilson, P.N., G.D. Thompson and R.L. Cook. "Mother Nature, Business Strategy and Fresh Produce." *Choices*. First Quarter, 1997, pp. 18-21, 24-25.
- Wilson, P.N. and G.D. Thompson. "Farming Systems on Extensive Margin Lands." *Journal for Farming Systems Research-Extension*. 5(1995): 109-128.
- Aslam, M. and P.N. Wilson. "A Participatory Methodology for Development Projects: Applicability to SCARPs." *International Commission on Irrigation and Drainage Journal*. 44(1995): 41-52.
- Wilson, P.N. and J.P. Leones. "Wholesale Nursery Management in the Desert." *Journal of Agribusiness*. 13(1995): 17-31.
- Rhodes, T.C. and P.N. Wilson. "Sky Islands, Scopes and Squirrels: The Political Economy of an Environmental Conflict." *Land Economics*. 71(1995): 106-121.
- Wilson, P.N., J.C. Wade and J.P. Leones. "The Economics of Commercializing New Industrial Crops." *Agribusiness: An International Journal*. 11(1995): 45-55.

- Thompson, G.D. and P.N. Wilson. "Ejido Reforms in Mexico: Conceptual Issues and Potential Outcomes." *Land Economics*. 70(1994): 448-465.
- Thompson, G.D. and P.N. Wilson. "Common Property as an Institutional Response to Environmental Variability." *Contemporary Economic Policy*. 12(1994):10-21.
- Wilson, P.N. "Nontraditional Agriculture as an Economic Development Alternative in Rural America." *Economic Adaptation: Alternatives for Non-Metropolitan Areas*, ed. D.L. Barkley, Westview Press, Boulder, Colorado. 1993, pp. 184-205.
- Wilson, P.N. and G.D. Thompson. "Common Property and Uncertainty: Compensating Coalitions by Mexico's Pastoral *Ejidatarios*." *Economic Development and Cultural Change*. 41(1993): 299-318.
- Wilson, P.N., R.A. Dahlgran and N.C. Conklin. "'Perceptions as Reality' on Large-Scale Dairy Farms." *Review of Agricultural Economics*. 15(1993): 73-85.
- Wilson, P.N. *An Economic Assessment of Central Arizona Project Agriculture*, Report submitted to the Office of the Governor and the Arizona Department of Water Resources, Department of Agricultural and Resource Economics, The University of Arizona, Tucson, November, 1992.
- Dedrick, A.R., A.J. Clemmens, R.D. Gibson, J.A. Replogle, R.E. Ware, P.N. Wilson, W. Clyma, D.B. Levine and S.A. Rish. *The Diagnostic Analysis (DA) Report of the Performance of Irrigated Agriculture in the Maricopa-Stanfield Irrigation and Drainage District (MSIDD) Area; Vol. I and II*, U.S. Water Conservation Laboratory, ARS/USDA, Phoenix, Arizona, 1992.
- Wilson, P.N. "Preparing Leaders for the Next Century: An Essay on Economic Education." *National Association of Colleges and Teachers of Agriculture Journal*. 36(1992):16-17.
- Barkley, D.L. and P.N. Wilson. "Is Alternative Agriculture a Viable Rural Development Strategy?" *Growth and Change*. 23(1992):239-253.
- Wilson, P.N. and W.B. Miller. *The Arizona Wholesale Nursery Industry: A Management Summary*, Extension Bulletin 191016, Cooperative Extension, College of Agriculture, The University of Arizona, Tucson, 1991.
- Brady, T.A. and P.N. Wilson. "The Economics of a Fledgling Wine Industry: The Case of Arizona." *Journal of the American Society of Farm Managers and Rural Appraisers*. 55(1991):25-31.
- Wilson, P.N., G.D. Thompson, M.S. Silbert, S. Peña, M. Gonzalez, L. Delgado and J. Almazán. *A Reconnaissance Survey of Selected Rural Communities in the Altiplano Potosino*, CRIA Project Technical Report No. 2, College of Agriculture, The University of Arizona, Tucson, 1990. (Also in Spanish).
- Wilson, P.N. "Biblical Principles Applied to a National Agricultural Policy." *Applying Biblical Principles to Public Policy*, ed. R.C. Chewning, Nav Press: Denver, Colorado, 1990, pp. 189-204.

- Coupal, R.H. and P.N. Wilson. "Adopting Water-Conserving Irrigation Technology: The Case of Surge Irrigation in Arizona." *Agricultural Water Management*. 18(1990):15-28.
- Brady, T.A. and P.N. Wilson. *The Arizona Premium Wine Industry: Its Location, Profitability and Market Potential*, Technical Bulletin 262, Agricultural Experiment Station, The University of Arizona, Tucson, 1989.
- Brady, T.A., J.C. Wade, P.N. Wilson, M.W. Kilby and N.G. Wright. *Costs of Establishing and Operating Premium Winegrape Vineyards and Wineries in Arizona: An Initial Analysis*, Extension Bulletin 8920, Cooperative Extension, College of Agriculture, The University of Arizona, Tucson, 1989.
- Brady, T., M. Kilby and P. Wilson, *Site Selection for Arizona Wine Grape Vineyards: Criteria and Potential Areas*, Extension Bulletin No. 8836, Cooperative Extension, College of Agriculture, The University of Arizona, Tucson, 1988.
- Wilson, P.N. and D.L. Barkley. "Commercial Bank Market Shares: Structural Factors Influencing Their Decline in the Agricultural Sector." *Agricultural Finance Review*. 48(1988): 49-59.
- Wilson, P.N., T.J. Goldammer and J.C. Wade. "Bioeconomic Considerations for Wastewater Reuse in Agricultural Production." *Water Resources Bulletin*. 24(1988):1-9.
- Wilson, P.N., T.R. Luginland and D.V. Armstrong. "Risk Perceptions and Management Responses of Arizona Dairy Producers." *Journal of Dairy Science*. 71(1988):545-551.
- Wilson, P.N. "Intensive Grazing Management in Arid and Semiarid Regions: An Economic Assessment." *Arid Lands: Today and Tomorrow*, ed. E.E. Whitehead, et al, pp. 1197-1209, Westview Press, Boulder, Colorado, 1988.
- Wilson, P., D. Armstrong and L. Daugherty. *How Do Arizona Dairymen Perceive and Respond to Risk?*, Extension Bulletin No. 8750, Cooperative Extension, College of Agriculture, The University of Arizona, Tucson, 1987.
- Wilson, P.N., R.H. Coupal and W.E. Hart. *An Economic Evaluation of Linear-Move Irrigation Technology*, Technical Bulletin No. 258, Agricultural Experiment Station, The University of Arizona, Tucson, 1987.
- Wilson, P.N., D.E. Ray and G.B. Ruyle. "A Model for Assessing Investments in Intensive Grazing Technology." *Journal of Range Management*. 40(1987): 401-404.
- Wilson, P.N. and R.H. Coupal. "An Investment Analysis of Linear-Move Irrigation Technology." *Journal of the American Society of Farm Managers and Rural Appraisers*. 50(1986): 36-44.
- Patrick, G.F., P.N. Wilson, P.J. Barry, W.G. Boggess and D.L. Young. "Risk Perceptions and Management Responses: Producer-Generated Hypotheses for Risk Modeling." *Southern Journal of Agricultural Economics*. 17(1985): 231-238.
- Wilson, P.N. and C.E. Gundersen. "Financial Risk in Cotton Production." *Southern Journal of Agricultural Economics*. 17(1985): 279-288.

- Wilson, P.N. and V.R. Eidman. "Dominant Enterprise Size in the Swine Production Industry." *American Journal of Agricultural Economics*. 67(1985): 279-288.
- Wilson, P.N. and H.W. Ayer. "A Financial Analysis of Drip Irrigation for Cotton." *Journal of the American Society of Farm Managers and Rural Appraisers*. 49(1985): 23-30.
- Wilson, P.N., H.W. Ayer and G. Snider. *Drip Irrigation for Cotton: Implications for Farm Profits*, Economic Research Report No. 517, Economic Research Service, U.S. Department of Agriculture, Washington, D.C., 1984.
- Ayer, H.W., P.N. Wilson and G. Snider. "Drip Irrigated Cotton: Economics and Water Savings." *Economics and Groundwater*, ed. Donald Finlayson, American Society of Civil Engineers, New York 1984, pp. 50-65
- Wilson, P.N. "Economies of Scale on Cash-Grain Hog Farms: Reality or Myth?" *North Central Journal of Agricultural Economics*. 6(1984): 12-17.
- Wilson, P.N. and M.L. Wise. "Collaborative Style in Agricultural Project Design." *Agricultural Administration*. 16(1984): 45-51.
- Wilson, P.N. and V.R. Eidman. "An Empirical Test of the Interval Approach for Estimating Risk Preferences." *Western Journal of Agricultural Economics*. 8(1983): 170-182.
- Wilson, P.N. and V.R. Eidman. "The Financial Feasibility of Irrigating Fine Textured Soils in the Upper Corn Belt." *North Central Journal of Agricultural Economics*. 5(1983): 103-110.
- Wilson, P.N. "Integrated Rural Development: Additional Lessons from Nicaragua." *Agricultural Administration*. 14(1983): 137-149.
- Wilson, P.N. and V.R. Eidman. *Characteristics of the Minnesota Swine Production Industry*, Agricultural Experiment Station Bulletin 549, University of Minnesota, St. Paul, 1982.
- Wilson, P.N. and V.R. Eidman. *The Economics of Irrigating Medium and Fine Textured Soils in Minnesota*, Economics Report ER81-8, Department of Agricultural and Applied Economics, University of Minnesota, St. Paul, 1981.
- Wilson, P.N., F.D. Rollins, R.C. Angus and B.L. Reid. "Egg Consumption Attitudes of Professional and Business Women." *Poultry Science*. 56(1977): 801-806.
- Fox, R.W., P.N. Wilson and G.S. Willett. "The Economics of Pressurized Irrigation Systems for Arizona Citrus." *Report on Citrus Technology*, pp. 21-26, College of Agriculture, The University of Arizona, Tucson, 1976.
- Wilson, P.N., R.W. Fox and G.S. Willett. *The Economics of Pressurized Irrigation Systems for Mature Citrus Orchards in Southwestern Arizona*, Report No. 14, Department of Agricultural Economics, The University of Arizona, Tucson, 1976.

VI. Presentations at Professional Seminars and Meetings

- Wilson, P.N. "Transformational Development", Selected Paper Presentation, Allied Social Science Meetings, Chicago, January 5, 2007.
- Wilson, P.N. and R. Needham. "Groundwater Conservation Policy in Agriculture." Contributed Paper, *Proceedings of the 26th Conference of the International Association of Agricultural Economists*, Brisbane, Australia, August 12-18, 2006.
- Panelist, Free Session, "Faith-Based Organizations in International Rural Development," AAEA Annual Meeting, Providence, Rhode Island, July 25, 2006.
- Panelist, Organized Symposium, "Recruiting and Retaining Undergraduate Students," AAEA Annual Meeting, Providence, Rhode Island, July 26, 2006.
- Panelist, Organized Symposium, "Is Good Teaching Bad for Your Career," AAEA Annual Meeting, Providence, Rhode Island, July 25, 2006.
- Wilson, P.N. "Manual Para Redes Sociales Integradas en los Negocios" Invited Paper Presentation at the 20th Annual International Agribusiness Congress, SOMEXAA Annual Meeting, Ciudad Obregon, Sonora, Mexico, May 26, 2006.
- Needham, R. and P.N. Wilson. "Water Conservation Policies in Agriculture: A Preliminary Evaluation Design", Paper Presented at the 2nd International Symposium on Transboundary Waters Management, Tucson, Arizona, November 17, 2004.
- Wilson, P.N. "Team Learning: The Good, the Bad, and the Ugly", Organized Symposium Presentation, AAEA Annual Meeting, Denver, Colorado, August 3, 2004.
- Wilson, P.N. "Integrating Humanness into the Theory of the Firm", Organized Symposium Presentation, WAEA Annual Meeting, Honolulu, Hawaii, July 2, 2004.
- Wilson, P.N. "Embedded Social Networks in the Bible and Business", Paper Presented at the National Faculty Leadership Conference, Washington, D.C., June 25, 2004.
- Arrendondo Salas, S.M. and P.N. Wilson. "Un Análisis Sobre la Transferencia de la Gestión Riego en México", Invited Paper Presented at the Annual Meeting of SOMEXAA, Chihuahua, Chihuahua, Mexico, May 27, 2004.
- Wilson, P.N. "Integrating Economics and Ethics in the Classroom", Organized Symposium Presentation, AAEA Annual Meeting, Montreal, Quebec, Canada, July 28, 2003.
- Kennedy, A.M. and P.N. Wilson. "Dust Remediation in Agriculture: Market or BMT Driven?" Selected Paper, WAEA Annual Meeting, Denver, Colorado, July 15, 2003.

- Wilson, P.N. "Gains from Serial Decision Making: A Guided Design Classroom Experiment" WAEA Annual Meeting, Denver, Colorado, July 15, 2003.
- Wilson, P.N. "Water Valuation Principles for Emerging Global Water Conflicts," Presentation at the First International Symposium on Transboundary Waters Management. Monterey, Mexico, November 19, 2002.
- Wilson, P.N. and Gary D. Thompson. "Integración Temporal: Ventajas Competitivas de la Estructura de los Agronegocios" Seminar Presentation at the University of Sonora-Santa Ana, November 14, 2001.
- Wilson, P.N. "The Survival of American Agriculture" Seminar Presentation in the Department of Soil, Water, and Environmental Science, University of Arizona, Tucson, February 5, 2001.
- Wilson, P.N. "First-Order Economizing: Irrigation Technology Adoption and the Farm" Invited Principal Paper and Presentation to the Micro 2000 Congress, Cape Town, South Africa, October 25, 2000.
- Wilson, P.N. "The Economist's Role in an Inter-Disciplinary, Inter-Agency MIP" Invited Presentation to the Micro 2000 Congress, Cape Town, South Africa, October 25, 2000.
- Wilson, P.N. "Economics, Ethics and Environmental Management" Presentation at the MTE/ Organized Symposium, "Resource and Environmental Economics: The General Education Experience" American Agricultural Economics Association Annual Meeting, August 10, 1999.
- Wilson, P.M. "Social Capital, Trust and the Agribusiness of Economics" Presidential Address to the Annual Meeting of the Western Agricultural Economics Association, Fargo, N.D., July 12, 1999.
- Wilson, P.N. and A.M. Kennedy "Trustworthiness as an Economic Asset" Presentation at the Annual International Food and Agribusiness Management Meeting, Florence, Italy, June 13, 1999.
- Wilson, P.N. "To Be or Not to Be?: Selected Economic Questions Surrounding Distance Education" Invited discussion paper at the Principal Paper Session *Distance Learning: A Role for Agricultural Economics Education* at the American Agricultural Economics Association Annual Meetings, Salt Lake City, Utah, August 3, 1998.
- Wilson, P.N. "Faith and Undergraduate Education" Presentation at the Free Session *Faith and Works: Does a Christian Perspective Influence Professional Responsibility?* at the American Agricultural Economics Association Annual Meetings, Toronto, Ontario, Canada, July 29, 1997.
- Wilson, P.N. "The Economics of Trust: Examples from Agribusiness." Presentation at the Organized Symposium *Understanding the Role of Relationships in Economics: Molding Neoclassical Economics to Fit the Task* at the American Agricultural Economics Association Annual Meetings, San Antonio, Texas, July 30, 1996.

- Wilson, P.N., G.D. Thompson and R.L. Cook. "Organizational Response to Market Forces: The Fresh Tomato Industry in Transition." Poster at the International Food and Agribusiness Management Association's Annual Meetings, Cancun, Mexico, May 27, 1996.
- Wilson, P.N. "Organizational Response to Market Forces" Invited Presentation at the Annual Meetings of the Southern Agricultural Economics Association, Greensboro, North Carolina, February 7, 1996.
- Wilson, P.N. "Agriculture's CAP Experience: Sustainability for Whom?" Invited Paper presented at the 14th Annual Water Law Conference, Natural Resources Law Center, University of Colorado, Boulder, June 12, 1995.
- Selley, R.A. and P.N. Wilson. "Risk Research and Public Outreach: A Tale of Two Cultures?" Invited Paper presented at the Western Agricultural Economics Association Annual Meetings, San Diego, California, August 9, 1994. Abstract in the *Journal of Agricultural and Resource Economics* 19(1994).
- Wilson, P.N. "Freshman Colloquium" Presentation at the Organized Symposium *Choices in the Classroom* at the American Agricultural Economics Association Annual Meetings, San Diego, California, August 8, 1994.
- Wilson, P.N. "Back to the Future II: Economic Discovery in Federally-Supported Irrigation Districts" Paper presented at the Annual Meetings of the Western Economics Association, Vancouver, British Columbia, Canada, July 2, 1994.
- Thompson, G.D. and P.N. Wilson. "Agricultural Privatization in Mexico: Conceptual Issues and Potential Outcomes." Paper presented at the First Workshop of the North American Agricultural Policy Research Consortium, Stanford University, June 4, 1993 and at the Annual Meetings of the Western Economics Association, Lake Tahoe, California, June 22, 1993.
- Wilson, P.N. "CAP Agriculture: Past, Present and Future" Seminar presented in the Department of Plant Sciences, The University of Arizona, February, 8, 1993.
- Wilson, P.N. "The CAP and Agriculture" Seminar presented in the Department of Agricultural and Resource Economics, The University of Arizona, December 15, 1992.
- Wilson, P.N. "Economic Interdependencies in Irrigated Agriculture" Presentation to the National Conference on Irrigation and Water Resources in the 1990s, U.S. Committee on Irrigation and Drainage, Scottsdale, Arizona, October 5, 1992.
- Wilson, P.N. and G.D. Thompson. "Common Property as an Institutional Response to Ecological Variability." Paper presented at the Annual Meetings of the International Society for the Study of Common Property, Washington, D.C., September 18, 1992.
- Rhodes, T.C. and P.N. Wilson. "The Mount Graham Environmental Conflict: Property Rules and the Public Policy Process Under Stress." Selected Paper presented at the American Agricultural Economics Association Annual Meetings, Baltimore, Maryland, August 8-12, 1992. Abstract in the *American Journal of Agricultural Economics* 74(1992).

- Thompson, G.D. and P.N. Wilson. "Agricultural Privatization in Mexico: Conceptual Issues and Potential Outcomes." Invited Paper presented at the Western Agricultural Economics Association Annual Meetings, Colorado Springs, Colorado, July 13, 1992. Abstract in the *Journal of Agricultural and Resource Economics* 17(1992).
- Wilson, P. "'Perceptions as Reality' on Large-Scale Dairy Farms." Selected Paper presented at the American Agricultural Economics Association Annual Meetings, Manhattan, Kansas, August 5, 1991. Abstract in the *American Journal of Agricultural Economics* 73(1991).
- Wilson, P. and G. Thompson. "Common Property and Uncertainty: Compensating Coalitions by Mexico's Pastoral *Ejidatarios*." Selected Paper presented at the Western Agricultural Economics Association Annual Meetings, Portland, Oregon, July 8, 1991. Abstract in the *Western Journal of Agricultural Economics* 16(1991).
- Wilson, P. "Sky Islands, Scopes and Squirrels: The Evolution of an Environmental Conflict." Seminar presented in the Department of Agricultural Economics, Virginia Polytechnic Institute and State University, December 12, 1990.
- Wilson, P. "Common Property and Uncertainty: Compensating Strategies by Mexico's Pastoral *Ejidatarios*." Seminar presented in the Department of Agricultural Economics, Virginia Polytechnic Institute and State University, December 7, 1990.
- Wilson, P. "The Adoption and Diffusion of Water-Conserving Irrigation Technologies." Seminar presented in the Department of Agricultural Economics, Virginia Polytechnic Institute and State University, November 2, 1990.
- Anderson, D. and P. Wilson. "Strategic Investments in Agriculture: The Case of Laser Leveling in Arizona." Selected Paper presented at the American Agricultural Economics Association Annual Meetings, Vancouver, British Columbia, August 6, 1990. Abstract in the *American Journal of Agricultural Economics* 72 (1990).
- Wilson, P.N. and D.P. Anderson. "Strategic Investments in Agriculture: How Do We Measure Risk?" *Quantifying Long Run Agricultural Risks and Evaluating Farmer Responses to Risk*. Proceedings from S-232 Annual Meeting, Sanibel Island, Florida, January 28-31, 1990.
- Wilson, P. "Nontraditional Agriculture As An Employment Generation Alternative In Rural America." Departmental Working Paper No. 65 and Selected Paper presented at the Western Regional Science Meetings, Molokai, Hawaii, February 22, 1990.
- Wilson, P. and D. Barkley. "Determinants of Commercial Bank Market Shares in Agricultural Lending." Seminar Presentation, Department of Agricultural Economics, The University of Arizona, February 26, 1988.
- Goldberg, A. and P. Wilson. "Dominant Cotton Marketing Strategies: Do Risk Preferences and Lint Quality Matter?" Selected Paper presented at the Annual Meetings of the Western Agricultural Economics Association, Honolulu, Hawaii, July 11, 1988. Abstract in *Western Journal of Agricultural Economics* 13(1988).
- Wilson, P. and D. Anderson. "Urban Effluent: Waste or Resource?" Poster Session, Water Resources Research Conference, Casa Grande, Arizona, October 23, 1987.

- Coupal, R. and P. Wilson. "Economics of Alternative Irrigation Technologies." Poster Session, Water Resources Research Conference, Casa Grande, Arizona, October 23, 1987.
- Wilson, P. and D. Barkley. "Commercial Bank Financing of American Agriculture." Selected Paper presented at the Western Agricultural Economic Association Meetings, Manhattan, Kansas, July 14, 1987. Abstract in *Western Journal of Agricultural Economics* 12(1987).
- Wilson, P.N. "*La Maestria En Administración Agroindustrial: Comentarios.*" Paper presented in the Agribusiness Workshop, Universidad de Occidente, Los Mochis, Sinaloa, Mexico, July 9-13, 1984. Published in *Primer Encuentro Internacional en Administración Agroindustrial*, ed. Julio Ibarra Urrea, pp. 157-162, Universidad de Occidente, 1986.
- Wilson, P.N. "*La Incertidumbre y la Administración Agroindustrial*" Paper presented in the Agribusiness Workshop, Universidad de Occidente, Los Mochis, Sinaloa, Mexico, July 9-13, 1984. Published in *Primer Encuentro Internacional en Administración Agroindustrial*, ed. Julio Ibarra Urrea, pp. 73-86, Universidad de Occidente, 1986.
- Wilson, P.N. , T.J. Goldammer and J.S. Wade. "Bioeconomic Considerations for Wastewater Reuse in Agricultural Production." Paper presented at the National Conference on Sustaining Agriculture Near Cities, Boston, Massachusetts, November, 1986.
- Wilson, P.N. "Risk Attitude Estimation by Econometric Methods: A Discussion." *Risk Analysis for Agricultural Production Firms: Implications for Managers, Policymakers, and Researchers*. Department of Agricultural Economics, Washington State University, Pullman, 1986, pp. 15-17.
- Wilson, P.N. "Land-Augmenting Technology: The Case of Intensive Grazing Management." Selected Paper presented at the American Agricultural Economics Association Annual Meetings, Reno, Nevada, August, 1986. Abstract in the *American Journal of Agricultural Economics* 68(1986).
- Wilson, P.N. "Covenant Economics: An Application to Agricultural Policy." Paper presented at the Agricultural Policy Conference, Dordt College, Sioux Center, Iowa, 1986.
- Wilson, P.N. "The Value of Soil and Weather Information in Increasing Irrigation Efficiency: A Discussion." *Risk Analysis for Agricultural Production Firms: Concepts, Information Requirements and Policy*, Issues Staff Paper 85-85, Department of Agricultural Economics, Michigan State University, East Lansing, November, 1985, pp. 219-222.
- Wilson, P.N. "Intensive Grazing Management in Semi-Arid and Arid Regions: An Economic Assessment." Paper presented at the International Arid Lands Conference, Tucson, Arizona, 1985.
- Wilson, P.N. "Convex Set Stochastic Dominance: A Discussion." *Risk Analysis for Agricultural Production Firms: Concepts, Information Requirements, and Policy Issues*, Department of Agricultural Economics, University of Illinois, Urbana-Champaign, 1984. pp. 35-39.
- Wilson, P.N. "Financial Risk in Cotton Production." Seminar presented in the Department of Agricultural Economics, The University of Arizona, Tucson, October 26, 1984.

- Ayer, H. and P. Wilson. "Drip Irrigation for Cotton: An Economic Assessment of Water Savings and Profits for the Southwest." Paper presented at the 1984 American Water Resources Association Annual Meeting, Washington, D.C., August, 1984.
- Wilson, P.N. "The Relevancy of Non-Normal Risk." Selected Paper presented at the American Agricultural Economics Association Annual Meetings, Cornell University, Ithaca, New York, August, 1984. Abstract in the *American Journal of Agricultural Economics* 66(1984).
- Wilson, P.N. "An Econometric Measurement of Economies of Scale on Cash-Grain Hog Farms." Selected Paper presented at the American Agricultural Economics Association Annual Meetings, Purdue University, August, 1983. Abstract in the *American Journal of Agricultural Economics* 65(1983).
- Wilson, P.N. "Integrated Rural Development in Nicaragua." Seminar presented to the faculty of the Department of Agricultural Economics, The University of Arizona, Tucson, April 6, 1983.

VII. Popular Articles, Staff Papers and Professional Reports

- Needham, R. and P.N. Wilson. "Water Conservation Policy in Arizona Agriculture: Assessing the Groundwater Management Act of 1980" *Arizona Review* (Spring 2005): 13-16.
- Needham, R. and P.N. Wilson. "Water Conservation Policies in Agriculture: A Preliminary Evaluation Design", Proceedings of the 2nd *International Symposium on Transboundary Waters Management*, Tucson, Arizona, November 2004.
- Wilson, P.N. "Implications of Embedded Social Networks in Business: A Primer for ECR Stakeholders", Paper Commissioned for a Hewlett-Packard Grant, 2004.
- Wilson, P.N. "Water Valuation Principles for Emerging Global Water Conflicts," *Proceedings of the First International Symposium on Transboundary Waters Management*. A.A. Aldama, et.al. (eds), Mexico: AMG-IMTA, pp. 11-20, 2002.
- Wilson, P., G.F. Fairchild, L.S. Willett and B. Erven. "Engaging Learners in Economic and Management Education: A Challenge to Our Profession" Teaching and Learning Paper TLP 99-2, Food and Resource Economics Department, Institute of Food and Agricultural Sciences, University of Florida, Gainesville, December, 1999.
- Orr, P.J. and P.N. Wilson "Agricultural Water Use: Challenges and Opportunities in Pima County, Arizona." Report for the President's Office, The University of Arizona, Tucson, September, 1999.
- Thompson, G.D. and P.N. Wilson "Global Vegetable Markets and Local Development" *Community Development Issues* 5(1998):2-4.
- Wilson, P.N. "A Book Review of *Sacred Cows and Hot Potatoes: Agrarian Myths in Agricultural Policy*." *Growth and Change* 24(1993):292-294.
- Wilson, P.N. "An Economic Assessment of Central Arizona Project Agriculture: A Summary" *Agricultural Policy and Economic Issues*, January 1993.

- Wilson, P.N., J.C. Wade and C. Chen. "Long-Term Production Variability in the Central Arizona Cotton Sector" *Arizona Farmer-Stockman* 71 (1992):July–August, pp. 8-16.
- Wade, J.C., P.N. Wilson and D. McKeon. *Anticipated Production Costs, Revenues and Commercialization Issues for Lesquerella*. A Report Submitted to the Office of Agricultural Materials of the Cooperative State Research Service, U.S.D.A., Department of Agricultural Economics, The University of Arizona, Tucson, 1992.
- Conklin, N., M. Duncan, M. Glenn, S. Offutt, K. Skold and P. Wilson. "The Sub-Cultures of Agricultural Economics: Tensions in and Opportunities for the AAEA." *AAEA Newsletter* 14(2), May-June, 1992, pp. 8-10.
- Rhodes, T.C. and P.N. Wilson. *A Brief Chronology of the Environmental Conflict Surrounding the Mt. Graham International Observatory Project*. Working Paper No. 73, Department of Agricultural Economics, The University of Arizona, November, 1991.
- Wilson, P.N. "A Review of *Prospects for Growth*." *Association of Christian Economists Bulletin* No. 17, Spring 1991, pp. 21-23.
- Thompson, G.D. and P.N. Wilson. "Adoption of Alternative Irrigation Systems." *Arizona Farmer-Stockman* 69(1990):11.
- Wilson, P.N. and J. Leones. "Nontraditional Agriculture: Potential and Pitfalls for Arizona." *Arizona Farmer-Stockman* 69(1990):11-12, 30.
- Bee, K., P. Wilson and L. Daugherty. *Arizona Agribusiness Directory*, College of Agriculture, The University of Arizona, Tucson, 1989.
- Wilson, P.N. "Looking Ahead at Harvest Time." *Public Justice Report* 13(1989):3.
- Lieuwen, A.L., D.P. Anderson and P.N. Wilson. *Effluent Reuse in Arizona: Uses, Quantities and Prices*, Working Paper Number 55, Department of Agricultural Economics, The University of Arizona, May 1988.
- Goldammer, T.J. Wilson, P.N. and J.C. Wade. "Urban Wastewater and Economic Potential for Cotton Growers and Taxpayers." *1987 Cotton Report*, College of Agriculture, The University of Arizona, Tucson, 1987, pp. 3-7.
- Coupal, R.H., P.N. Wilson and W.E. Hart. "The Economics of Linear-Move Irrigation: Preliminary Results." *1986 Cotton Report*, College of Agriculture, The University of Arizona, Tucson, 1986. pp. 16-20.
- Wilson, P.N., R.H. Coupal and W.E. Hart. "An Economic Evaluation of Linear-Move Irrigation Technology." Working Paper No. 49, Department of Agricultural Economics, The University of Arizona, Tucson, 1986.
- Wilson, P.N. and S.P. Kenagy. "Agricultural Case Studies: Volume I." Working Paper No. 47, Department of Agricultural Economics, The University of Arizona, Tucson, 1986.
- Wilson P.N. "Covenant Economics: An Application to Agricultural Policy." Working Paper No. 41, Department of Agricultural Economics, The University of Arizona, Tucson, 1986.

- Wilson, P.N. "Intensive Grazing Management in Arid and Semi-Arid Regions: An Economic Assessment." Working Paper No. 37, Department of Agricultural Economics, The University of Arizona, Tucson, 1985.
- Goldammer, T.J. and P.N. Wilson. "Effluent Reuse in Pima County Agriculture: A Literature Review." Working Paper No. 26, Department of Agricultural Economics, The University of Arizona, Tucson, 1985.
- Wilson, P.N. "Arrow-Pratt Intervals for Generalized Stochastic Dominance Analysis." Working Paper 20, Department of Agricultural Economics, The University of Arizona, Tucson, February 1985.
- Wilson, P.N. and R. Gum. "Intensive Grazing Management." *Western Livestock Roundup*, September, 1985. pp. 3-5.
- Ayer, H.W. and P.N. Wilson. "Drip Irrigation for Cotton: What is the Potential for the West?" *1985 Cotton Report*, College of Agriculture, The University of Arizona, Tucson, 1985. pp. 107-111.
- Wilson, P.N. "A Management Assessment of Gila River Farms." Report prepared for the Gila River Indian Community Tribal Council, June 1985.
- Wilson, P.N. "Farmers, Ranchers Rate Risks Differently." *California-Arizona Farm Press*, November 24, 1984, p. 19.
- Wilson, P.N. "Department-Based Computer Instruction." *Keeping up with Computers*. College of Agriculture, The University of Arizona, Tucson, May, 1984. p. 3.
- Wilson, P.N. "Financing Arizona Agriculture." Report prepared for the Coordinating Committee of Project Agriculture's Future, College of Agriculture, The University of Arizona, Tucson, 1984.
- Wilson, P.N. "Agricultural Markets and Prices for Arizona Growers." Report prepared for the Coordinating Committee of Project Agriculture's Future, College of Agriculture, The University of Arizona, Tucson, 1984.
- Wilson, P.N. "Department-Based Computer Instruction: Experiences from Agricultural Economics." Mimeograph, Department of Agricultural Economics, The University of Arizona, Tucson, April 1984.
- Wilson, P.N. and H.W. Ayer. "The Profitability of Drip Irrigation for Cotton: Some Preliminary Results." *1984 Cotton Report*, pp. 35-39, College of Agriculture, The University of Arizona, Tucson.
- Wilson, P.N. "The Relevancy of Non-Normal Risk." Working Paper 17, Department of Agricultural Economics, The University of Arizona, Tucson, May, 1983.
- Wilson, P.N. and H. Hwang. *User's Guide to Ordinary and Generalized Stochastic Dominance Computer Programs*, Staff Paper P82-20, Department of Agricultural and Applied Economics, University of Minnesota, St. Paul, 1982.
- Wilson, P.N., et al. *Nicaragua—Campesino Legal Aid Services Grant*, Project Paper, Agency for International Development, 1978.

Wilson, P.N., et al. *Nicaragua—Rural Municipal Development Loan*, Project Paper, Agency for International Development, 1977.

Wilson, P.N., et al. *Nicaragua—Rural Education Development Loan*, Project Paper, Agency for International Development, 1977.

VIII. INVITED COMMUNITY PRESENTATIONS

“Poverty and Hunger in Our World”, Rotary Club Presentations at Manning House (November 26, 2007) and El Parador (November 13, 2007).

“Water Management and Policy: What Do We Know and How Do We Know It?”, Presentation at the St. Albert the Great Forum, Newman Center, University of Arizona, November 7, 2007.

“The U.S. Agricultural Sector” Presentation to Visiting Agribusiness Executives from Turkmenistan, August 28, 2007.

“Water Conservation in Arizona’s Agricultural Sector: Fact or Fiction?” Presentation at the Arizona Water Summit, Northern Arizona University, Flagstaff, August 4, 2005.

“Groundwater Valuation Principles for Emerging Global Water Conflicts” Invited Presentation at the Annual Meeting of the TeXas Economists, Austin, Texas, April 10, 2002.

“The End of Agriculture, As We Remember It, In America” Invited Presentation at the 2002 Rural Development Conference, Mandan, North Dakota, February 6, 2002.

“The Survival of American Agriculture” Presentation to the Western Resource Conservation and Development (RC&D) Association Annual Meeting, Boise, Idaho, January 23, 2001.

“Water Issues in Tucson” Panel Member, Community Forum sponsored by The University of Arizona, Tucson, October 23, 1999.

“Econoclimonics: Climatic Entrepreneurship in Perishable Products” Presentation at the Arizona Agribusiness Forum, April 30, 1999.

“Agribusiness, Water and Beyond” Presentation to the Marana Rotary Club, September 22, 1998.

“Graduate School Survival” Presentation to Graduate Student Christian Fellowship, Tucson, August 21, 1998.

“The Economics of Trust With Implications for a Faith Community” Presentation to the Homebuilders Class, Catalina United Methodist Church, June 7, 1998.

- “NAFTA, Vegetables and Western Mexico Agriculture” Presentation to four participants from the National Agri-Marketing Association, Doubletree Hotel, Tucson, AZ, January 25, 1998.
- “The Environment and the Bible: Friend or Foe?” Presentation to the Homebuilders Class, Catalina United Methodist Church, August 31, 1997.
- “Competitiveness in Fresh Produce” Presentation to the West Mexico Vegetable Industry Study Tour, Tucson, Arizona, January 19, 1997 (with G. Thompson).
- “Agriculture’s CAP Experience: Sustainability for Whom?” Presentation to the Arizona Hydrological Society Annual Meeting, Tucson, September 14, 1995.
- “Resolving Environmental Conflicts.” Presentation to The Nature Center membership, Prescott, Arizona, March 30, 1995.
- “Mexico’s Agriculture Sector.” Presentation to the Hydroponic Society of America Annual Meeting, Tucson, Arizona, March 24, 1995.
- “Agriculture’s Role in the Central Arizona Project.” Presentation at the Legal Workshop “Economic and Financial Aspects of Arizona Water Conflicts.” Sponsored by the Water Resources Research Center, The University of Arizona, Tucson, January 20, 1995.
- “Mexican Agriculture: Yesterday, Today and Tomorrow.” Invited Presentation to the Boards of Directors Annual Meeting of the Farm Credit System District Banks, Memphis, Tennessee, September 20, 1994.
- “Arizona Agriculture: Its Past, Present and Future.” Presentation to the Arizona Land Institute Conference, Tucson, Arizona, June 18, 1993.
- “The CAP and Agriculture: Implications for Municipal Sub-Contractors.” Presentations to the Citizens Budget Advisory Council (Tucson Water), June 1, 1993 and the Citizens Water Advisory Council (Tucson Water), June 8, 1993.
- “What You Should Know About the CAP.” Presentation to the Roundtable Class, Trinity Presbyterian Church, Tucson, Arizona, May 16, 1993.
- “Arizona Agriculture: Challenges and Opportunities.” Presentation to a joint meeting of the Willcox and Tucson Chambers of Commerce, Willcox, Arizona, March 18, 1993.
- “The CAP and Agriculture: A Lesson in Political Economy.” Presentation to the Agricultural Business Club, February 9, 1993.
- “CAP Agriculture: Present and Future.” Presentation to the Annual Meeting of the Arizona Crop Improvement Association, Tucson, January 19, 1993.
- “An Assessment of CAP Agriculture.” Presentation to the Southern Arizona Legislators, Sponsored by the Southern Arizona Water Resources Association, Tucson, January 22, 1993.
- “CAP Agriculture: A Status Report.” Presentation to the Central Arizona Water Conservation District Board of Directors, Phoenix, January 7, 1993.

- “Sharing An Understanding of the Problem.” Presentation to the Symposium on Central Arizona Project Utilization—A Dialog, Sponsored by the Arizona Section of the American Water Resources Association, Tucson, October 30, 1992.
- “Economic Interdependencies: The Case of the Central Arizona Project.” Presentation to the Rural Leadership Conference, Tempe, Arizona, October 23, 1992.
- “CAP Agriculture and Pinal County.” Presentation to the Pinal County Intergovernmental Alliance, Casa Grande, Arizona, September 22, 1992.
- “Environmental Conflict: Relevance of the Biblical Concepts of Dominion and Stewardship.” Presentation to the Inter-Varsity Christian Fellowship, The University of Arizona, March 27, 1992.
- “Agricultural Trade and Integration Along the Mexico-U.S. Border: The Untold Story” Presentation at the Stratum '92 Conference, Arizona State University, Tempe, February 21, 1992.
- “Environmental Ethics.” Presentation to the Rural Leadership Conference, Tempe, Arizona, October 25, 1991.
- “The Assessment of MSIDD: Implications for Lenders.” Presentation to Agricultural Credit Conference, Phoenix, Arizona, May 16, 1991.
- “Employment Opportunities in Agribusiness.” The University of Arizona Career Day, September 9, 1989.
- “Participatory Development.” Saudi House, Tucson, Arizona, April 1, 1989.
- “Arizona and U.S. Agricultural Policy.” Presentation to visiting Mexican students and professors from Chapingo, México, April 5, 1987.
- “Commercial Bank Market Shares in Agricultural Lending.” Presentation to Agricultural Credit Conference, Scottsdale, Arizona, May 21, 1987.
- “Financial Risk in Cotton Production.” Presentation to Vocational Agriculture Teachers Conference, The University of Arizona, November 8, 1986.
- “Issues and Opportunities in Arizona Agriculture.” Presentation to the Crops Club, The University of Arizona, March 5, 1986.
- “Technology and World Hunger.” Green Valley Presbyterian Church, Green Valley, Arizona, October 15, 1985.
- “Financing Arizona Agriculture: A Look at the Past and the Future.” Paper presented to the Agricultural Credit Conference of the Arizona Bankers Association, Scottsdale, Arizona, May 23, 1985.
- “Beef Cattle Outlook.” Presentation to the Agricultural Credit Conference of the Arizona Bankers Association, Scottsdale, Arizona, May 23, 1985.
- “Upcoming Agricultural Issues.” Old Pueblo Rotary Club, Tucson, Arizona, January 28, 1985.

“Risk Perceptions and Management Resources: The Case of Arizona Growers.” Presentation to the Agricultural Credit Conference of the Arizona Bankers Association, Paradise Valley, Arizona, May 17, 1984.

“The Economic Environment of Agriculture with Implications for Cochise County Producers.” Presentation to a meeting of Cochise County growers, agricultural lenders and government officials, Willcox, Arizona, May 9, 1984.

“Central America: Crisis and Opportunity.” Speech to Great Decisions Group, September 21, 1983.

“The Economics of Drip Irrigation on Cotton.” Presentation to the Agricultural Credit Conference of the Arizona Bankers Association, Phoenix, Arizona, May 19, 1983.

“Agricultural Development in Nicaragua.” Speech to the Tucson Hunger Action Center, March 25, 1983.

IX. HONORS AND AWARDS

University Distinguished Professor, University of Arizona, 2008.

Distinguished Undergraduate Teaching Award (10+ Years of Experience). American Agricultural Economics Association, 2005.

Editorial Board, *Review of Agricultural Economics*, 2005-2007.

Honorable Mention (with Gary D. Thompson), Outstanding Journal Article in the *Review of Agricultural Economics*. American Agricultural Economics Association, 2004.

Editorial Board, *Revista Mexicana de Agronegocios*, 2001- Present.

President, Western Agricultural Economics Association, 1999-2000.

Honorary Member, Alpha Gamma Rho, Agricultural Professional and Social Fraternity, 1997.

A+ Advisor Award, College of Agriculture, University of Arizona, 1992, 1997.

Honorary Member of the Arizona State FFA, 1993.

Director, Western Agricultural Economics Association, 1988-1990.

Burlington Northern Foundation Faculty Achievement Award, University of Arizona, 1989.

Chavanne Scholar, Baylor University, 1988-89.

Excellence In Teaching Award, College of Agriculture, University of Arizona, 1988.

Gamma Sigma Delta Junior Faculty Award of Merit, College of Agriculture, University of Arizona, 1987.

Provost Teaching Improvement Award, The University of Arizona, 1986.

NACTA (National Association of Colleges and Teachers of Agriculture) Meritorious Teaching Award, 1985.

Recipient of Superior Unit Citation Award, U.S. Agency for International Development, 1979.

Honorary Associate Member, El Instituto Nicaragüense de Desarrollo, Managua, Nicaragua, 1978

X. GRANTS

“Paper Water Demystified: An Economic Evaluation of CAGR Spatial Dynamics” Water Sustainability Program, Technology and Research Initiative Funds, University of Arizona, \$26,434 (with T. Shipman, S. Megdal and P. Guertin), 2007-2008.

“Simulated Basin Model for Water Resource Planning and Education”, TRIF: Arizona Board of Regents, \$216,000 (with K. Lansey, P. Blowers, P. Brooks, W. Ela, S. Stewart), 2003-2005.

“Minimum Tillage Systems for Cotton” Western Regional Sustainable Agriculture Research and Education, U.S. Department of Agriculture, \$186,850 (with J. Walworth, R. Roth, and S.H. Husman), 1999-2003.

“The Economics of Reduced Tillage for Dust Mitigation”, Cotton Incorporated, \$3,000, 2003.

Arizona Agribusiness Forum, Risk Management Agency, U.S. Department of Agriculture, 1999-2001, \$12,000.

International Travel Grants, Hillman Endowment, Various Years, \$4,000.

A Modern Classroom for the Social Sciences, Instructional Computing Grant Award, The University of Arizona, 1995-96, \$16,200.
Provided leadership in the design, funding and implementation of a classroom which provides departmental faculty a modern teaching environment. Classroom completed on August 15, 1997.

Faculty Teaching Enhancement Program Grant, College of Agriculture, 1995, \$430.

Competitiveness of Fresh Vegetable Producers/Shippers in U.S. and Mexican Markets, National Research Initiative Competitive Grant, U.S. Department of Agriculture, 1993-96, \$150,000 (with G. Thompson and R. Cook).

Implications of CAP Underutilization in Arizona and the Colorado River Basin, Arizona Water Resources Research Center, 1993-95, \$52,000 (with B. Colby and R. Glennon).

An Evaluation of the Maricopa-Stanfield Irrigation and Drainage District, (ARS/USDA), U.S. Water Conservation Laboratory, 1991-93, \$8,400.

An Economic Assessment of CAP Agriculture: With Implications for Rural Communities, Arizona Department of Water Resources, 1992, \$29,000.

Lesquerella: Production Costs and Commercialization Issues, Cooperative State Research Service (USDA), 1991, \$5,000 (with J. Wade).

International Project Development Fund: Farming Systems Research in Mexico, 1989-90, \$3,000 (with G. Thompson).

Mexican Foundation for Rural Development: Rural Center for Agricultural Research, 1988-90, \$183,000 (with B. Roundy, D. Ray and G. Thompson).

Arizona Winegrowers Association: Economic Feasibility of the Premium Wine Industry, 1988, \$2,000.

U.S. Geological Survey: Irrigation Technologies to Conserve Water, 1985-87, \$20,000 (with H. Ayer).

XI. CONSULTING EXPERIENCE

Jennings, Strouss & Salmon: Economic Damage Analysis, 2003-2004.

Colorado River Indian Tribes: Water Resource Analysis, 2002.

Pistachio Corporation of Arizona, Inc.: Economic Analysis of an Incomplete Property Rights Conflict, 1997.

Kutak Rock, P.C.: Irrigation District Bankruptcy Case, 1995.

Raven, Kirshner & Norell, P.C.: Water Rights Valuation in the Upper Gila Valley, 1994.

Miller, Stratvert, Torgerson & Schlenker, P.A.: Expert Witness for Case Involving Foregone Agricultural Earnings, 1989-90.

U.S. Army Corps of Engineers: Seepage Damage Case Involving Agricultural Property, 1988.

Pan American Development Foundation: Financial and Economic Analysis of an Agricultural Development Project, Belize, 1986.

Gila River Indian Community, Sacaton, Arizona: Management Assessment of Gila River Farms, 1985.

Haralson, Kinerk and Morey, P.C.: Expert Witness for Flood Damage Case Involving Agricultural Property, 1985-86.

School of Renewable Natural Resources, The University of Arizona/Agency for International Development: Agricultural Project Planning Workshop, 1984-88.

XII. OVERSEAS EXPERIENCE

US-MEX Competitiveness Project, Mexico, 1993-1996.

Mexican Foundation for Rural Development, San Luis Potosí, México, 1988-90.

Agricultural Economics Consultant, Belize, 1986.

University of Arizona Representative, First Annual Agribusiness Conference, Universidad de Occidente, Los Mochis, Sinaloa, México, July 9-13, 1984.

Assistant Capital Development Officer and Rural Development Officer, Agency for International Development, Nicaragua 1976-78.

Peace Corps Volunteer Instructor, Básico, Inc., Costa Rica, 1972.

Agricultural Cooperative Extension Specialist, Peace Corps, Dominican Republic, 1970-73

XIII. PROFESSIONAL SOCIETY MEMBERSHIP

American Agricultural Economics Association
Association for International Agriculture and Rural Development
Association of Christian Economists
International Association of Agricultural Economists
Soil and Water Conservation Society
Western Agricultural Economics Association

XIV. PROFESSIONAL AND PUBLIC SERVICE

Department

Member, Merit Committee, 2006-2007.

Chair, Promotion and Continuing Appointment Committee, 2000.

Faculty Advisor, The Agribusiness Club, 1988 –98.

Coordinate with students a program of monthly speakers, field trips, job placement activities and an agribusiness scholarship supported by funds from the Arizona agribusiness community.

Member, Search Committee for Cardon Chair, 1998-99.

Member, Promotion and Tenure Committee, 1997.

Chair, Ad Hoc Committee on Graduate and Undergraduate Agribusiness Curriculum, 1997.

Member, Annual Review/Merit Committee, 1997-98.

Chair, Undergraduate Program Committee, 1989 – 1996, 2000 to the Present (Member from 1984 to the present).

Developed three undergraduate options for major, provide initial advising for freshman and transfer students, organize the departmental teaching schedule each semester, initiated a student recruitment program, coordinated the design and publication of a modern undergraduate brochure, and provide leadership of other activities associated with the overall management of the undergraduate program.

Coordinator, FFA Field Day, 1983 to the Present.

Member, Ad Hoc Faculty Evaluation Process Committee, 1995.

Member, Ad Hoc Promotion and Tenure Committee, 1995.

Organizer, Ag. Econ. Open Golf Tournament, 1983 to 2006.

College

Member, Curriculum Committee, 2007 to Present.

Member, Search Committees in Retailing and Consumer Sciences, 2004, 2007.

Member, CSREES Review Team for the School of Renewable Natural Resources, 2002.

Member, Student Outcomes and Assessment Committee, 2001-2003.

Chair and Member, Outstanding Graduating Senior and Graduate Teaching Assistant Selection Committee, Multiple Years.

Member, Dairy Extension Specialist Search Committee, Animal Science Department, 1998-2001.

Member, Distributed Education Team, 1998.

Chair, Post Tenure Review Audit Committee, 1998.

Member, Search and Screen Committee (Department of Animal Sciences), Vice-Armstrong Position, 1998-2000.

Member, College of Agriculture Dean 5-year Review Committee, 1997-98.

Member, Promotion and Tenure Committee, 1994-1996.

Member, Quality Learning Team, 1994 to the Present.

Member, College Day Committee, 1996.

Member, Outstanding Teaching and Staff Awards Selection Committee, 1994.

Member, Sabbatical Review Committee, 1993.

Chair, Outstanding Senior Selection Committee, 1993 (Member in 1989).

Member, Graduate Assistance Teaching Excellence Award, 1993.

Member, Task Force on Instructional Performance, 1993.

Member, Instructional Computing Advisory Committee, 1992-93.

Member, Instruction Awards Committee, 1991.

Member, Awards for Faculty Committee, 1990-93.

Member, Ad Hoc Curriculum Study Committee for General Agriculture Major, 1991.

Member, Oracle Demonstration Farm Advisory Committee, 1985-87.

Member, Computer Application Group Advisory Committee, 1985-87.

Member, Student Scholarships and Awards Committee, 1984-87.

Member, Parents Day Committee, 1983.

Member, Computers in Instruction Task Force, 1983.

Member, Careers and Job Placement Committee, 1982.

University

Member, Review Team for SAHRA, 2002.

Member, International Studies Faculty, 2000 to the Present.

Member, Latin American Center, 1999 to the Present.

Member, Evaluation Committee, International Scholarships and Programs, 1999.

Member, Search Committee for Executive Director of International Programs, 1998.

Faculty Ace, Faculty Fellows Program, 1997-2000.

Faculty Advisor, Inter-Varsity Christian Fellowship, 1991 to the Present.

Chair, Instructional Computing Small Grant Committee, 1994-96.

Member, Selection Committee, University of Arizona Parents' Association
Departmental Awards for Outstanding Programs in Undergraduate Education and
University-wide Teaching and Teaching Award for Meritorious Departmental
Achievement in Undergraduate Education, 1994.

Member, Instructional Computing Advisory Committee, 1992-94.

Member, Academic Program Review Committee (Agriculture Education), 1991.

State

Organizer, Arizona Agribusiness Forum, 1992-2001.

Member, Tucson Agricultural Technical Advisory Committee, Arizona Department of Water
Resources, 1996-1998.

Member, CAP Water Oversight Committee, City of Tucson, 1993-1994.

Member, Program Advisory Council for Vocational Instruction, Amphitheater High School,
1992-1994.

Member, Agriculture Technical Advisory Committee, Arizona Department of Water
Resources, 1991-1992.

Resource Team Member, Management Improvement Program, Maricopa-Stanfield Irrigation
and Drainage District, 1991-1992.

Member, Water Cost Working Group, Interagency Management Assistance Program, Pinal Active Management Area, 1992-93.

Professional Societies

Member, Teaching Award Selection Committee, AAEA, 2006 to 2008.

Co-Organizer, Young Professional Teaching Academy, AAEA Annual Meeting, 2006-2007.

Organizer/Moderator, Organized Symposium, "Teaching and Communicating Economic Principles in Washington, D.C.," AAEA Annual Meeting, July 30, 2007.

Organizer, Organized Symposium, "Communicating Research Results with a Poster: Opportunities and Challenges." AAEA Annual Meeting, July 3, 2007.

Moderator, Organized Symposium, "Research in Partnership with Faith-Based NGOs", AAEA Annual Meeting, July 3, 2007.

Organizer, Paper Session, "Social Capital in Agribusiness Research", Regional Research Project WERA-72, June 18, 2007.

Organizer, Organized Symposium, "Opportunities and Challenges of Interdisciplinary Collaboration: Economists' Perspectives," AAEA Annual Meeting, July 25, 2005.

Organizer, Free Session, "Faith-Based Organizations in International Rural Development," AAEA Annual Meeting, Providence, Rhode Island, July 25, 2006.

Co-Chair, Teaching, Learning and Communication Section, American Agricultural Economics Association, 2004-2006.

Organizer, Organized Symposium "Early Career Teaching Challenges", American Agricultural Economics Association Annual Meeting, August 3, 2004.

Organizer, Organized Symposium, "Management in Economic Analysis", Western Agricultural Economics Association Annual Meeting, July 2, 2004.

Moderator, Principal Paper Session "The Social Capital Paradigm: Bridging Across Disciplines", American Agricultural Economics Association Annual Meeting, Montreal, Quebec, Canada, August 28, 2003.

Member, CSREES/USDA Review Team for the Department of Agricultural and Resource Economics, Virginia Tech, Blacksburg, VA, June 5-9, 1999.

Moderator and Organizer, Organized Symposium "Resource and Environmental Economics: The General Education Experience", American Agricultural Economics Association Annual Meeting, August 10, 1999.

Chair, Resident Instruction Committee, American Agricultural Economics Association, 1996-98.

Responsible for conceiving (with R. Dahlgran), proposing and implementing the new Models for Teaching Excellence (MTE) sessions for annual AAEA meetings.

Organized the AAEA Teaching/Learning Workshop "Active Learning: Engaging Adults in Economic and Management Education" in 1998 which was attended by 80 professional economists.

Member, Annual Program Committee, American Agricultural Economics Association, 1997-98.

Moderator, Organized Symposia “Environmental Policy Choices: Are Politicians the Only Ones Measuring Transaction Costs?”, “What Works in the Classroom: Lessons from AAEA Teaching Award Winners” (MTE), Student and Learning Centered Teaching in Undergraduate Agricultural Economics Course” (MTE), American Agricultural Economics Association Annual Meeting, 1997.

Moderator, Selected Paper Session “Farm Production Systems and the Environment,” American Agricultural Economics Association Annual Meeting, 1996.

Chair, Awards Committee, Western Agricultural Economics Association, 1994-96.
Initiated the proposal to revise the awards program, then cooperated with Steve Blank (UC-Davis) and Harry Ayer (U. of Arizona) in designing and obtaining approval for new awards and procedures for the WAEA.

Moderator, Selected Paper Session “Farm Management Issues,” Western Agricultural Economics Association Annual Meeting, 1995.

Organizer and Moderator of “*Choices in the Classroom.*” Organized Symposium at the American Agricultural Economics Association Annual Meetings, San Diego, California, August 9, 1994. Abstract in the *American Journal of Agricultural Economics* 76(1994).

Chair, M.S. Thesis Award Committee, Western Agricultural Economics Association, 1994.

Member, Resident Instruction Committee, American Agricultural Economics Association, 1993–1996.

Member, M.S. Thesis Award Committee, Western Agricultural Economics Association, 1993.

Reviewer, Selected Papers for the Annual Meetings of the Western Agricultural Economics Association, 1993.

Organizer, “The Evolution of U.S. Mexico Agricultural Trade: Conceptual Issues and Empirical Evidence” Invited Paper Session, WAEA Annual Meeting, Colorado Springs, Colorado, July 13, 1992.

Moderator/Discussant at the session “Environmental Economics and Christian Stewardship,” American Economic Association--Allied Social Science Associations Meeting, New Orleans, Louisiana, January 3, 1992.

Organizer and Moderator of “The AAEA, Academia and Agricultural Economists: An “Outsider’s Perspective.” Organized Symposium at the American Agricultural Economics Association Annual Meetings, Manhattan, Kansas, August 5, 1991. Abstract in the *American Journal of Agricultural Economics* 73(1991).

Chair, S-232 Regional Research Project, 1991-92.

Chair, Ad Hoc Committee on Mexican Involvement, Western Agricultural Economics Association, 1989-92.

Member, Quality of Communication Award Committee, American Agricultural Economics Association, 1989-92.

Member, Committee on Broadening Membership, Western Agricultural Economics Association, 1988.

Council Representative, Western Agricultural Economics Association, 1984-87.

Reviewer, Selected Papers (Risk Analysis), American Agricultural Economics Association Annual Meeting, 1986.

Moderator, Selected Paper Session “Interpretations, Cautions and Uses of Risk Attitude Measures.” American Agricultural Economics Association Annual Meeting, 1986.

Moderator, Selected Paper Session “Modeling Firm Behavior Under Uncertainty.” American Agricultural Economics Association Annual Meeting, 1984.

Moderator, Contributed Paper Session “Risk and Uncertainty.” Western Agricultural Economics Association Annual Meeting, 1984.

Coordinator, Selected Papers (Risk Analysis), American Agricultural Economics Association Annual Meeting, 1984.

Coordinator, Contributed Papers (Risk Analysis), Western Agricultural Economics Association Annual Meeting, 1984.

Member, Publication of Enduring Quality Committee, American Agricultural Economics Association, 1984-86.

Secretary-Treasurer, Regional Research Technical Committee S-180, “An Economic Analysis of Risk Management Strategies for Agricultural Production Firms,” 1983-88.

Has served as a Reviewer for the following journals:

Agribusiness: An International Journal
Agricultural Finance Review
American Journal of Agricultural Economics
Canadian Journal of Agricultural Economics
Environment and Development Economics
European Review of Agricultural Economics
Growth and Change
Journal of Agribusiness
Journal of Agricultural and Applied Economics
Journal of Agricultural and Resource Economics
Journal of Political Economy
Journal of Production Agriculture
Industrial Crops and Products: An International Journal
International Food and Agribusiness Management Review
Land Economics
Northeastern Journal of Agricultural and Resource Economics
Review of Agricultural Economics
Water Resources Bulletin