

Curriculum Vitae

DANIEL M. OTTO
Professor of Economics
and Extension Economist

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Education:

B.A., Economics, University of Minnesota, (Magna Cum Laude), 1975
M.S., Agricultural Economics, University of Minnesota, 1977
Ph.D., Agricultural Economics, Virginia Polytechnic Institute, 1981

Professional Experience:

1981 - 1986	Assistant Professor and Extension Economist, Department of Economics, Iowa State University.
1986 - 1992	Associate Professor and Extension Economist, Department of Economics, Iowa State University. 1990-1991 academic year on sabbatical to University of Minnesota, Interim Director of Regional Issues Forum at the Humphrey Institute.
1992 - Present	Professor and Extension Economist, Department of Economics, Iowa State University. 1998-99 academic year on sabbatical at the Western Rural Development Center.
2006 –present	Professor and Extension Economist, Dept. of Economics and Associate Director of Community and Economic Development Program, Iowa State University.

Current research areas: Community and Regional Economic Modeling and Policy Analysis, Economic and Fiscal Impact Analysis and Project Evaluation, Rural Policy Analysis, Locational Determinants of Firms and Individuals in Rural Areas, Economics of Rural Services and Infrastructure Issues, Spatial Impacts of Infrastructure Investments.

Extension/Outreach activities: Community level economic impact analysis, applied decision aids for state and local economic development analysis, strategic planning for community economic development, evaluation of public service provision and amenity (quality of life) investment strategies. Associate Director of Extension to Communities Program and Coordinator of Community Data Analysis and Census Services, Iowa State University.

Awards and Honors:

Gamma Sigma Delta
University Extension Award for program effort with the Community Economics Development workshops

Publications and Papers

Refereed Articles:

Jintanakul, Kanlaya, and Daniel Otto, **Factors Affecting Hospital Choices for Rural Iowa Residents**, under review at Review of Regional Studies, 2010.

Varner, Theresa and Daniel Otto, **Factors affecting Sales at Farmers Markets: an Iowa Study**, Review of Agricultural Economics, Vol. 30, No. 1, Spring 2008.

Georgetanne M Artz, Peter Orazem, Daniel Otto, **Measuring the Impact of Meat Packing and Processing Facilities in the Nonmetropolitan Midwest: A Difference-in-Differences Approach**, AJAE, Aug. 2007.

Paul W. Brown, Daniel M. Otto, Michael D. Ouart, Journal of Higher Education Outreach and Engagement. "A New Funding Model for Extension" 2007

Chul-Woo Kwon, Peter Orazem, Daniel Otto, **Off-farm labor supply responses to permanent and transitory farm income**. *Agricultural Economics*, April 2006.

So, Kim S., Peter F. Orazem, and Daniel M. Otto, "The Effects of Housing Prices, Wages, and Commuting Time on Joint Residential and Job Location Choices," American Journal of Agricultural Economics, 83(4) (November 2001): 1036-1048.

Khan, Romana, Peter F. Orazem, and Daniel M. Otto, "Deriving Empirical Definitions of Spatial Labor Markets: The Roles of Competing Versus Complementary Growth," Journal of Regional Science, Vol.41, No.4, 2001, pp.735-756.

Gallagher, Paul, Daniel Otto, and Mike Dikeman, "Effects of an Oxygen Requirement for Fuel in Midwest Ethanol Markets and Local Economies" Review of Agricultural Economics, spring 2000.

Hurley, Terrance, Daniel Otto, and Janice Holtkamp, "Valuation of Water Quality in Livestock Regions: An Application to Rural Watersheds in Iowa," spring 1999, Journal of Agriculture and Applied Economics.

Swenson, David, and Daniel Otto. "The Iowa Economic/Fiscal Impact Modeling System" Spring 1999 Journal of Regional Analysis and Policy.

Lawrence, John, Daniel M. Otto, and Seth Meyer, "Implications for Agribusiness from Changes in the Hog Industry," Agribusiness, 1997.

Holtkamp, Janice, Nuzhat Mahmood, and Daniel M. Otto. "Economic Development Effectiveness of Multi-Community Development Organization," Community Development Society Journal, 1997.

Swenson, David and Daniel M. Otto. "Rural Housing Market Response to Nonfarm Employment Growth: An Analysis of Housing Development Patterns," International Journal of Public Administration, Fall 1996.

Kilkenny, Maureen and Daniel Otto. "A General Equilibrium Perspective on Structural Change in the Rural Economy," American Journal of Agricultural Economics, Vol. 76, No. 5, December 1994.

Otto, Daniel M. and Mark A. Edelman. "Innovation in Structural Change of Local Government." American Journal of Agricultural Economics, November 1990.

Snodgrass, Dodd W. and Daniel M. Otto. "Analysis of Local Option Sales Tax: An Oklahoma Case Study," Growth and Change, Spring 1990.

Orazem, Peter F., Daniel M. Otto, and Mark A. Edelman. "An Analysis of Farmers' Agricultural Policy Preferences: An Ordered Probit Approach." Journal Paper No. J-12977, American Journal of Agricultural Economics, November 1989.

Edelman, Mark A., Daniel M. Otto and Dale Lyons. "Reassessing Use Value for Farmland Property Tax Purposes." Assessment Digest, Vol. 10, No. 4, July/August 1988.

Otto, Daniel. "Economic Linkages Between Agriculture and Other Sectors Within Rural America," American Journal of Agricultural Economics, December 1986.

Hansen, Gregory D., Henry Kinnucan, and Daniel M. Otto. "A Characterization of Tax Management Costs in Agriculture: Evidence from Iowa and Alabama," North Central Journal of Agricultural Economics, January 1986.

Ginder, Roger, Ken Stone, and Daniel Otto. "Impact of the Farm Financial Crisis on Agribusiness Firms and Rural Communities," American Journal of Agricultural Economics, December 1985.

Otto, Daniel. "Local Service Provision in the New Federalism: Discussion," American Journal of Agricultural Economics, Vol. 65, No. 5, December 1983, pp. 1131-1132.

Otto, Daniel and Joseph Havlicek, Jr. "Analysis of Rural Development Research Programs in the U.S. and Southern Regions," Southern Journal of Agricultural Economics, July 1979.

Book Chapters and Monographs:

Otto, Daniel and Paul Lasley, "Impacts of Rapid Restructuring in Agriculture on Farm Families: The 1980s Farm Financial Crisis in Iowa," in International Perspective on Farm Structural Change Crises, Shweta Singh, editor, 2012.

Otto, Daniel, "Impacts of the 2008 Iowa Flood", in **A Watershed Year: Anatomy of the Iowa Floods of 2008**, Connie Mutel, editor, 2010.

Otto, Daniel and Paul Lasley, "**Impacts of Rapid Restructuring in Agriculture on Farm Families: The 1980s Farm Financial Crisis in Iowa**," in International Perspective on Farm Structural Change Crises, Shweta Singh, editor, forthcoming

Thomas G. Johnson, Daniel M. Otto, Steven C. Deller (eds.), **Community Policy Analysis Modeling** Blackwell Publishing. Dec. 2005.

Daniel Otto, "Patterns of Local Government Activities in the United States" in Community Policy Analysis Modeling: Methods and Applications, Iowa State University Press, Thomas Johnson, Daniel Otto, and Steve Deller eds. 2005.

Swenson, David, Liesl Eathington, and Daniel Otto. "Economic Growth, Valuation Change and Infrastructure Requirements," Proceedings of Midwest Transportation Symposium, Aug. 1998.

Otto, Daniel M., John Lawrence, and David Swenson. "Local Economic Impacts of Hog Production," 1996 Pork Industry Economic Review, National Pork Producers Council, March 1996.

Otto, Daniel M. "The Impact of Pork Production on Iowa's Economy," The Iowa Pork Industry in Transition: Local Decisions in a Global Marketplace, Iowa State University, Pm-1642, November 1995.

Otto, Daniel M. and Tom Johnson, eds. Economic Development Applications of Input-Output Models, Westview Press, 1993.

Otto, Daniel M., ed. "Alternative Perspectives on Economic Development in Rural Areas," Workshop Proceedings from 1990 AAEA Meetings, Vancouver, British Columbia, Canada, North Central Rural Development Center, 1990.

Otto, Daniel M. "Decision Tree Approach to Choosing an Input-Output Model for the PC," in Economic Development Applications of Input-Output Models, edited by Otto and Johnson, Westview Press, 1991.

Morse, George W., William Gillis, and Daniel Otto. "The R&E Final Report and Survey as Learning Tools." In The Retention and Expansion of Existing Businesses: Theory and Practice in Business Visitation Programs. Edited by George W. Morse, Iowa State University Press, Ames, Iowa, 1990, pp. 93-128.

Otto, Daniel, George W. Morse, and Ellen Hagey. "State Educational/Technical Assistance Programs." In The Retention and Expansion of Existing Business: Theory and Practice in Business Visitation Programs. Edited by George W. Morse, Iowa State University Press, Ames, Iowa, 1990, pp. 35-43.

Otto, Daniel, Stanley R. Johnson, Helen Jensen, and Sheila A. Martin. "Rural Economic Development Policies for the Midwestern States." Rural Poverty, Greenwood Press, 1989.

Otto, Daniel. "Economic Issues in the Supply of Public Infrastructure." Local Infrastructure Investment in Rural America, Johnson, Deaton, Segura, eds., Westview Press, 1988.

Otto, Daniel M. "Analysis of Farmers Leaving Agriculture for Financial Reasons: Summary of Survey Results from 1984." New Dimensions in Rural Policy: Building upon Our Heritage, Studies prepared for the use of the Subcommittee on Agriculture and Transportation of the Joint Economic Committee, Congress of the U.S., June 1986.

Otto, Daniel M. and Gregory Hansen. "Farm Preference for Tax Reform Issues Using Multi-Chotomous Logit Analysis." USDA Economic Report Series, February 1986.

Otto, Daniel and Lehman Fletcher. "Crisis in Economic Development: Iowa and the Third World." Iowa in the World Economy, Ross Talbot, editor, Iowa State University Press, Ames, Iowa, 1985.

Selected Non-Refereed Publications:

Otto, Daniel, "Economic Impacts of River Trail Recreation in Iowa," CARD Report, March 2012.
http://www.card.iastate.edu/environment/items/economic_impacts_of_river_trail_recreation.pdf

Otto, Daniel and Michael Hudak, "Determinants of Fiscal Stress in Local Governments in Iowa" Iowa League of Cities Report, Aug. 2011.

Otto, Daniel, "How the Egg Industry Changed," New York Times, Op-Ed page Aug. 24, 2010
<http://www.nytimes.com/roomfordebate/2010/08/24/why-eggs-became-a-salmonella-hazard?hp>

Teahan Brittany and Daniel Otto, **Estimating the Local Economic Benefits of Ethanol Plants: A Difference-in-Differences Approach**, being revised for resubmission to **RAE**

Qiye Sun, Chad Hart and Daniel Otto, *The Value of CO₂ in the Ethanol Industry*, Working paper, 2010

Kuejai(Nan) Jungjaturapit, Chad Hart, and Daniel Otto, “Economic Analysis of Butanol as an Alternative Biofuel” Working paper 2010

Daniel Otto, **Economic Impacts of Fall Commercial Nutrient Regulation** , ECON Staff Report, March 1, 2008

John D. Lawrence, Shane C. Ellis, Daniel Otto, **Economic Importance of the Iowa Egg Industry**, ISU Extension, January, 2008

E. Guffy, Daniel Otto, James Kliebenstein, Michael Duffy **Economic Impacts from Increasing Pig Farrowing in Iowa**, *Iowa State University Animal Industry Report*, Iowa State University, Ames, IA, January, 2008

Daniel Otto, Dan Monchuk, Kanlaya Jintanakul, Catherine L. Kling ,[**The Economic Value of Iowa’s Natural Resources** , ECON Staff Report, December 1, 2007

Miller-Auwerda, Peggy and Daniel Otto, “Economic Importance of Iowa’s Equine Industry” 2006,
<http://www.public.iastate.edu/~horsebarn/Extension/Iowa%20Horse%20Industry.pdf>

Daniel Otto, Jenny Trump, and Mark Imerman, “Importance of Agriculture to the Economy of Iowa’s 99 Counties”, 2007,
<https://www.extension.iastate.edu/store/ItemDetail.aspx?ProductID=12425&SeriesCode=&CategoryID=&Keyword=pm2023>

Consumers, Vendors, and the Economic Importance of Iowa Farmers' Markets: An Economic Impact Survey Analysis, Daniel Otto, Department of Economics, Iowa State University Theresa Varner, Iowa State University March 2005

URL: http://www.leopold.iastate.edu/research/marketing_files/markets_rfswg.pdf Apr 2005

Mark D. Imerman, David A. Swenson, Liesl Eathington, Daniel Otto, **The Economic Importance of Agri-food Industries in Iowa** , ECON Staff Report, September 1, 2005
<http://www.econ.iastate.edu/outreach/menuAgOutreach.asp?code=9A>

Daniel Otto, Mark Imerman, **Analysis of Energy Supply and Usage in the Iowa Economy**
Series: ISU Economics Working Paper December 19, 2005.

Child Care, Parents and Work: the Economic Role of Childcare in Iowa, Katherine Larson, Georgeanne Artz, Susan Hegland, Yemisi Kuku, Daniel Otto, ISU Extension Report. April 2005.

Mark D. Imerman, Daniel Otto, Georgeanne Artz, **Health Care Employment and Income Impacts on the Economy of Iowa Counties** , ECON Staff Report, August 30, 2004.

Preliminary Market and Cost Analysis of a Five-station Hemodialysis Facility in Marengo, Iowa
Author(s): Mark D. Imerman, Daniel Otto, February 25, 2004

Otto, Daniel, Paul Gallagher, “The Economic Impacts of Expanding the Ethanol Industry” ISU Department of Economics Staff Paper, May 2003.

Harvey Siegleman, Daniel Otto, Peter Fisher, Alan Peters, Randy Pilkington, and Mike Lipsman, “A Tool for Evaluating State Economic Development Programs,” Documentation Report, September 2003.

Imerman, Mark D. and Daniel M. Otto, "Preliminary investigation of school district expenditures with respect to school district size in Iowa," Iowa State University, Dept. of Economics web paper, Jan. 2003.

Liesl Eathington, David A. Swenson, Daniel M. Otto, Nonfarm Employment Change in Iowa from 1987 to 1997, RDI Paper, March 1999.

So, Kim Sui, Peter F. Orazem, and Daniel M. Otto. "The Effects of Housing Prices, Wages, and Commuting Time on Urban-Rural Residential Choice," paper accepted for presentation at the Midwest Economics Association Meetings, Chicago, Illinois, March 1998.

Khan, Romana, Peter F. Orazem, and Daniel M. Otto. "Deriving Empirical Definitions of Spatial Labor Markets: The Roles of Competing vs. Complementary Growth," paper accepted for presentation at the Midwest Economics Association Meetings, Chicago, Illinois, March 1998.

Otto, Daniel, Peter Orazem, and Wallace Huffman. "Community and Economic Impacts of the Iowa Hog Industry," Iowa's Pork Industry--Dollars and Scents, PM-1746, January 1998.

Otto, Daniel, David Swenson, and Mark Imerman. "Role of Agriculture in the Iowa Economy," RDI Report 97-1, Iowa State University, September 1997.

Selected Non-Referred Publications continued

Otto, Daniel, David Swenson, and Mark Imerman. "Role of Agriculture in the Central Iowa Economy," RDI Report 97-2, Iowa State University, September 1997.

Otto, Daniel and David Swenson. "Role of the Health Sector in the Central Iowa Economy," RDI Report 97-4, Iowa State University, November 1997.

Swenson, David and Daniel M. Otto. Economic Fiscal Impact Report Series (DeWitt, Ottumwa, Eagle Grove, Eldridge, Ft. Dodge, Ames, West Liberty, Altoona, Indianola, Des Moines), RDI Reports, 1995 - 1997.

Swenson, David and Daniel M. Otto. "Linked Economic Impact, Labor Force Allocation, and Housing Development Models: Applications for Analyzing Housing Change in Rural and Urban Areas, RDI Paper, presented at Southern Regional Science Association Meetings, April 1996.

Otto, Daniel M. and David Swenson. "Jobs-Housing Balance and Regional Mobility in Rural Areas," paper presented to the Southern Regional Science Annual Meetings, San Antonio, Texas, April 1995.

Holtkamp, Janice, David O'Gorman, and Daniel Otto. "Community Perceptions of Water Quality Impacts from Large-Scale Hog Confinements", Department of Economics Staff Paper No. 261, December 1994.

Otto, Daniel and John Lawrence. "Economic Importance of the Pork Industry to the Economy of the Top Twelve Pork Producing States," report published by the National Pork Producers, 1994.

Lawrence John and Daniel Otto. "Economic Importance of the Cattle Industry to the Top Ten Cattle Producing States" a series of ten state reports, 1994.

Otto, Daniel and John Lawrence. "Report on the Economic Importance of the Cattle Industry in Iowa's 99 Counties," report for the Iowa Cattlemen's Association, 1994.

Lawrence, John and Daniel Otto. "Report on the Economic Importance of the Hog Industry in Iowa's 99 counties," Report for the Iowa Pork Producer Association, 1994.

Lawrence, John D., Daniel Otto, Seth D. Meyer, and Steven Folkerts. "A Profile of the Iowa Pork Industry: It's Producers, and Implications for the Future," Iowa State University, Department of Economics Staff Paper #253, June 1994.

Otto, Daniel M. and Connie Anderson. "The Economic Impact of Rural Bypasses: Iowa and Minnesota Case Studies," Midwest Transportation Center Project Paper, Iowa State University, January 1993.

Stephens, Deborah L., Daniel M. Otto, and Patrick C. Westhoff. "A State-Level Agricultural Sector Policy Model: Baseline and Implications of the Dunkel Text on Agriculture for Iowa," CARD Staff Report #92-SR 58, October 1992.

Otto, Daniel and Mark Imerman. Structural Changes in the Iowa Economy. RD-04, Agriculture and Home Economics Experiment Station, Cooperative Extension Service, Iowa State University, Ames, Iowa, January 1992.

Imerman, Mark and Daniel M. Otto. Iowa Employment, Earnings, and Income: 1980-88. RD-01, Agriculture and Home Economics Experiment Station, Cooperative Extension Service, Iowa State University, Ames, Iowa, June 1991.

Otto, Daniel and Roger G. Ginder. "Economic Impact of the Poultry Industry," Iowa State University, Department of Economics Staff Paper #224, May 1991.

Otto, Daniel. "Economic Importance of Iowa's Cattle Industry," Iowa Cattlemen's Association, 1991.

Otto, Daniel M. "Implications of 1990 Farm Bill Provisions for Iowa and Minnesota," NCFAP Policy Papers, RFF, Washington, DC, 1990.

Imerman, Mark and Daniel Otto. "Development of University Based Rural Data Banks for State and Local Decision Making," Proceedings of Third Annual Data Conference, Anchorage, Alaska, May 1990.

McHugh, Richard, Ronald Cooper, Shelia Martin, Daniel Otto, and Stanley R. Johnson. "Measuring Dynamic Patterns in the Structure of Substate Economies," CARD Staff Report 90-SR 41, January 1990.

McHugh, Richard, Ronald Cooper, Shelia Martin, Daniel Otto, and Stanley R. Johnson. "Traditional and Nontraditional Data as Indicators of Economic Activity in Rural Communities," CARD Staff Report 90-SR 40, January 1990.

Otto, Daniel M., Stanley R. Johnson, and Sheila Martin. "Using Regional and State Economic Performance Indicators in Rural Development Policy Analysis." Proceedings of Second Annual Finding the Future Conference, Washington, D.C., December 1988.

Gratto, Charles P. and Daniel Otto. "Iowa's Community Economic Development Workshops," Extension Review, U.S.D.A., Vol. 59, No. 1, Winter 1988.

Otto, Daniel M. "Rural Leadership Policy." Proceedings of Regional Conference on Critical Issues and Options in Developing a New Rural Policy for the Nation, Minneapolis, Minnesota, September 1988.

Otto, Daniel M. and Gary Williams. "Value-Added Research Investments: Boon or Boondoggle?" Proceedings of Organized Symposium on Value-Added Research, 1987 AAEEA meetings, East Lansing Michigan. MERC Staff Report ES-2-99, 1988.

Otto, Daniel, Stanley R. Johnson, Helen Jensen, and Sheila A. Martin. "Rural Economic Development Policies for the Midwestern States," CARD Working Paper 88-WP35, July 1988.

Otto, Daniel M. and Stanley R. Johnson. "Economic Development Strategies for Revitalizing Rural Areas." LEAG Report, January 1987.

Edelman, Mark and Daniel Otto. Iowa Tax Facts, ISU Extension Publication, 1986.

Otto, Daniel M. "Analysis of Farmers Leaving Agriculture for Financial Reasons: Summary of Survey Results from 1984." Pm-1207 Cooperative Extension Service, Iowa State University, June 1985.

Otto, Daniel M., William Meyers, and Michael Helmar. "Impacts of Alternative Agricultural Policies on Iowa Agriculture." CTAP Staff Report No. 9, April 1985.

Otto, Daniel M. and Gene Futrell. "Economic Contribution of and Impacts of Changes in Iowa's Livestock and Meat Processing Industries." LEAG Research Report, Univ. of Iowa, Jan 1985.

Otto, Daniel M. and Gene Futrell. "Economic Effects of the Decline in Iowa's Cattle Industry." Extension Publication, 1984.

Otto, Daniel. "Estimated Impact of the PIK Program on the Rural Economy of Iowa." Mimeo, April 1983.

Otto, Daniel. "Community Economic Impact Analysis: The Iowa Beef Processors' Plant in Stanwood." The Iowa Economic Forecast, University of Iowa, March 1983.

Otto, Daniel. "Farmers' Views of Income Tax Issues and Problems." Iowa State University, CED, Pm-1131, 1983.

Otto, Daniel M. and Kenneth E. Stone. Analysis of Economic Development Incentives for Iowa, Institute of Urban and Regional Research, University of Iowa, Iowa City, Iowa. December 1982.

Otto, Daniel M. and Joseph Havlicek, Jr. An Economic Assessment of Research and Extension Investments in Corn, Wheat, Soybeans, and Sorghum. SP-81-8, presented at the American Agricultural Economics meetings, August 1981.

Havlicek, Jr. Joseph and Daniel Otto. "Agricultural Research and Extension in Virginia and the U.S.: Investments and Returns." Virginia Agricultural Economics, April 1981.

Havlicek, Jr. Joseph and Daniel Otto. Historical Analysis of Investment in Food and Agricultural Research in the United States. A report to the Congress of the United States, Office of Technology Assessment, Food and Renewable Resources Program, August 1980.

Otto, Daniel and Joseph Havlicek, Jr. "Estimation of Research Impacts on Yields of Corn, Wheat, and Sorghum." Evaluation of Agricultural Research, Proceedings of Symposium, Minneapolis, Minnesota, May 1980.

White, Fred C., Joseph Havlicek, Jr., and Daniel Otto. "Fifty Years of Technical Change in Agriculture." Presented at 1979 International Agricultural Economic Meetings.

Otto, Daniel and Joseph Havlicek, Jr. "Evaluation of Research Needs and Impacts: Improved Environmental Quality and Conservation of Natural Resources." Department of Agricultural Economics, Staff Paper 78-18, VPI&SU, November 1979.

White, Fred C., Joseph Havlicek, Jr., and Daniel Otto. "Agricultural Research and Extension Investment Needs and Growth in Agricultural Production." Agricultural Economics Report 33, VPI&SU, November 1978.

Otto, Daniel and Malcolm Purvis. "Minnesota's Horse Industry." Minnesota Agricultural Economics, May 1978.

Presentations at Professional Meetings:

New Orleans Southern Regional Science Association meetings 2011

Western Regional Science meetings, 2009

Southern Regional Science meetings, 2008

"Applications of Labor Market Based Models for Community Policy Analysis," presented at the 1997 AAEA Meetings, Toronto, Ontario.

"Jobs Housing Balance and Commuting in Rural Areas," presented at Southern Regional Science Meetings, San Antonio, Texas, April, 1995.

"Community Level Impacts of a Health Care Reform Scenario," presented at American Agricultural Economics Meetings, San Diego, California, August 1995.

"Job Quality Attributes in Newly Created Jobs in Rural Areas" presented at the 1993 AAEA Meetings, Baltimore, Maryland.

"Impacts of Non-Interstate Highway Bypasses on Rural Communities," presented at Center for Transportation Studies Conference, St. Paul, Minnesota, May 1991.

"Community Applications of Input-Output Models," presented at North American Regional Science Association Meetings, Boston, Massachusetts, November 1990.

"Analysis of Local Option Sales Tax: An Oklahoma Case Study," Selected paper at 1989 AAEA Meetings, Baton Rouge, Louisiana, August, 1989.

"Analysis of Induced Institutional Innovations in the Provision of Local Government Services." Selected paper at 1988 AAEA Meetings, Knoxville, Tennessee, August 1988.

"Economic Linkages of Rural Communities and Agriculture." Invited paper at the American Agricultural Economics Meetings, Reno, Nevada, August 1986.

"Impact of the Farm Financial Crisis on Agribusiness Firms and Rural Communities." Invited paper at the American Agricultural Economics Meetings, Iowa State University, August 1985.

"Local Services in the New Federalism Era." Invited paper at the American Agricultural Economics Meetings, Purdue, 1983.

"Farmers' Views of Income Tax Issues and Problems: Survey Results from Iowa and Alabama." Presented at the American Agricultural Economics Meetings, Purdue, 1983.

"An Economic Assessment of Research and Extension Investments in Corn, Wheat, Soybeans, and Sorghum." Presented at the American Agricultural Economics Meetings, Clemson, 1981.

"Analysis of Rural Development Research Programs in the U.S. and Southern Region." Presented at the Southern Agricultural Economics Association Meetings, New Orleans, February 1979.

Book Reviews:

Otto, Daniel M. Review of Capital Projects: New Strategies for Planning, Management, and Finance edited by John Matzer Jr., for Journal of the Community Development Society, spring 1991.

Otto, Daniel M. Review of Community Economics by Ron Shaffer, American Journal of Agricultural Economics, February 1990.

Otto, Daniel M. Review of Community Economics by Ron Shaffer, Business Economics, Nov.1989.

Selected Grants and Contracts

USDA-NIFA, Policy Research Center, co-investigator with CARD on Rural Development component., March 2012, \$580,000 awarded.

Iowa Dept Economic Development \$30,000 subcontract to evaluate economic development performance indicators for Iowa's Targeted Industries, 2011

Iowa Legislative Committee on Natural Resources and Environment, \$10,000 to update study on Economic Value of Iowa's Natural Resources, 2012

NCRCRD minigrant with U of Missouri to test using interactive web tools to engage communities in development projects; \$10,000, 2011.

NCRCRD minigrant with Minnesota, South Dakota, Missouri and Ohio to evaluate community impacts of leadership programs, \$16,000, 2011.

USDA NRI co-investigator with Maureen Kilkenny on \$290,000 project, on Understanding structural changes in rural labor markets, 1996-1997.

Contracts and grants with State of Iowa agencies (Iowa Department of Natural Resources, Transportation, Development, Agriculture and Land Stewardship, Public Health, Revenue) to conduct economic analysis of rural and economic development policies (\$20,000-\$60,000) in various years.

Numerous small contracts and grants (\$500--\$5,000) to conduct economic impact analyses and reports.