

STEPHAN J. GOETZ

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Education

Ph.D.	Agricultural Economics	Michigan State University	1990
M.Sc.	Agricultural Economics	Michigan State University	1986
B.Sc.	Agriculture/Agricultural Economics	University of Guelph (Canada)	1984

Professional Experience

Graduate, LEAD-21 Leadership Development Program, Class of 2011

The Pennsylvania State University, Dept. of Ag. Economics and Rural Sociology

Director, The Northeast Regional Center for Rural Development (0.75 FTE) 09/1999-present

Professor, Agricultural and Regional Economics (0.25 FTE)

Faculty Affiliate, Center on Rural Education & Communities, College of Education (since 2004)

Responsibilities: Provide leadership for rural and community development research and outreach activities in a thirteen-state region, with emphasis on entrepreneurship, economic growth, local and regional food systems, and land use issues. Link state activities to regional and national initiatives. Manage staff and core annual budget of \$350,000 plus other grants.

University of Kentucky, Department of Agricultural Economics

Professor, Rural Economic Development 07-08/1999

Faculty Associate, Patterson School of Diplomacy and International Commerce 1995-1999

Associate Professor, Rural Economic Development 1994-1999

Assistant Professor, Rural Economic Development 1990-1994

Michigan State University, Department of Agricultural Economics

Graduate Research Assistant and Visiting Specialist 1984-1990

Project Manager and Principal Researcher, 1986-1987

Food Security in Africa Cooperative Agreement (Senegal); USAID/MSU

Honorary Positions and Awards

- Member, C-FARE Blue Ribbon Panel, Council on Food, Agricultural and Resource Economics, 2011-present
- Member, Outreach Committee, American Agricultural and Economics Association, 2011-2014

- Member, Board of Directors, The Center for Rural Pennsylvania (A Legislative Agency of the Pennsylvania General Assembly), 1999-present
- Chair, Social Sciences Sub-Committee, Agricultural Experiment Station Committee on Organization and Policy (ESCOP), National Association of State Universities and Land Grant Colleges (NASULGC), 2003-2005; member 2000-present
- Council Member, Southern Regional Science Association, 2007-2009
- Advisory Board Member, Environmental and Natural Resource Institute (part of the Penn State Institutes of the Environment), 2005-2007
- Research Affiliate, Rural Policy Research Institute's Rural Poverty Research Center, 2004-2005.
- Fellow, Rural Development Research Consortium, University of California, Berkeley, 2003-2005
- Member, Rural Policy Research Institute, Community Policy Analysis Network, Leadership Team, 2002-2004
- Member, E-Commerce Working Group, Extension Committee on Organization and Policy (ECOP), National Association of State Universities and Land Grant Colleges, 2002-2005
- Member, USDA/Economic Research Service, Rural Typologies Advisory Board, 2002
- Chair, Rural and Urban Community Vitality priority area; appointed by the Northeast Associations of Research and Extension Directors, 2001-2006
- Chair, Research Taskforce, National Land Grant University E-Commerce Team, 2000-2002
- Chair, Community Economics Network, American Agricultural Economics Assoc., 1999-2000;
- Member, External Advisory Board, Regional Research Institute, WV University, 1999 and 2000
- Member, *Kentucky Economic Association*, Board of Directors, 1996-1999
- Member, Editorial Council, *Journal of Agricultural and Applied Economics*, 1996-1998
- Member, Editorial Council, *Review of Agricultural Economics*, 1993-1995
- Chair, 1994-1995, Technical Committee, Regional Project NE-162
- Member, *Gamma Sigma Delta* Agricultural Honor Society since 1993
- *Outstanding Doctoral Dissertation Award*, Dept. of Agricultural Economics, Michigan State University, 1990
- Member, *Phi Kappa Phi* National Honor Society since 1985
- Graduation *with distinction* from undergraduate program

Languages

- French: good reading/moderate conversational
- German: fluent

Professional Membership

- American Economics Association (AEA)
- American Agricultural Economics Association (AAEA); Community Economics Network
- Northeast Agricultural and Resource Economists Association (NAREA)
- North American and Southern Regional Science Associations (NARSA, SRSA)
- NE-162/1011; voting member since 1991[North-East Regional Research Project]
- Rural Sociological Society
- Community Development Society

Personal

Born in Nairobi/Kenya
US Citizen

GRANTS

Externally-Funded Projects

Project Director and Principal Investigator, Enhancing Food Security of Underserved Populations in the Northeast through Sustainable Regional Food Systems, National Institute of Food and Agriculture, Global Food Security competitive grant 2011-68004-30057, 2011-2016 (\$5 mn.)

Project Director and Principal Investigator, The Northeast Regional Center for Rural Development; USDA/National Institute for Food and Agriculture, 1999-2011 (\$4.2 million)

Co-PI (PI F. Tegegne, Tenn. State Univ.), Enhancing the Viability of Underserved Small Farms and Rural Communities Using Insights from Emerging Network Science: A Multi-Dimensional, Integrated Approach, USDA/National Institute for Food and Agriculture Capacity Building Competitive Grants Program, 2011-2014 (\$600,000)

Principal Investigator, Cooperative Agreement with USDA-ERS, Energy Use and Employment Impacts of a Healthier American Diet: A U.S. Multiregional Assessment Sept. 2010-Aug. 2012 (\$97,833)

Co-PI (PI C. Liang, U. Vermont) Impacts of Multi-Functional Operations on Long-Term Sustainability and Prosperity of Small- and Medium-Sized Farms and Rural Communities, USDA AFRI Foundational Grant, July 1, 2011-June 30, 2014 (\$472,669)

Co-PI (PI J. Deng, WVU and F. Boettner, Downstream Strategies) Appalachian Assessment of Natural Assets: Water; Appalachian Regional Commission competitive grants program, 2010-2011(\$248,150)

Co-PI (PI G. Fazio, Cornell U) Specialty Crops Research conference grant - apple rootstock planning grant, Specialty Crops Research Initiative, 2009 (\$50,000)

Co-PI, (PI L. Beaulieu) Stronger Economies Together, USDA Rural Development, 2010-2011 (\$350,000, phase I)

Co-PI (PI R. Seem, Cornell U) Planning To Expand The New Knowledge Fusion Model: Spurring Innovations For Specialty Crops; planning grant, Specialty Crops Research Initiative, 2009 (\$50,000)

PI, Kauffman Foundation, Kansas City, Missouri, grant to study the spatial variation in returns to self-employment, Sept. 2005- Sept. 2006 (\$20,000)

PI and Project Director, Enhancing the Prosperity of Small Farms and Rural Agricultural Communities: The Role of Industry Clusters, USDA-CSREES/National Research Initiative, Competitive Grants Program, multi-disciplinary, multi-state and multi-functional, September 2005-August 2009 (\$319,859)

- Co-PI*, Pennsylvania Department of Labor and Keystone Research Center grant for research on food industry workforce development issues in the context of industry clusters, with M. Shields, 2005 (\$21,000)
- Co-PI*, Progress Fund grant to conduct evaluation research and strategy development for tourism business development, including agri-tourism in West Virginia and Pennsylvania, with M. Shields, Fall 2005-Spring 2006 (\$59,983)
- PI*, Wages, Jobs and the Environment: Policy Choices for Rural Communities, Phase II, USDA/National Research Initiative (NRI), Competitive Grants Program, September 2003-August 2004 (\$72,888), extended through 2005
- PI*, Structural Determinants of Rural Poverty: An Expanded Analysis, USDA/National Research Initiative (NRI), Competitive Grants Program, 2002-2003 (\$78,800)
- PI*, The Determinants of Spatial Variation in Food Stamp Program Participation Dynamics, Joint Center for Poverty Research at Northwestern University/University of Chicago, 2001-2002 (\$40,000)
- PI*, Wages, Jobs and the Environment: Policy Choices for Rural Communities, USDA/National Research Initiative (NRI), Competitive Grants Program, September 2000-August 2001 (\$60,000)
- PI*, Assessing the Impacts of Welfare Reform, Southern Rural Development Center Competitive Grant, September 1998-August 1999 (\$36,000)
- Co-PI*, National Rural Electric Cooperatives Association, and Kentucky Association of Electric Cooperatives, Electricity Deregulation Impacts on Rural Areas, Fall 1997 (\$29,127), with Dr. David Freshwater
- PI*, Determinants of Hi-Tech Industry Locations, Tennessee Valley Authority (TVA), Rural Studies, 1996-1997 (\$11,400)
- Co-PI*, Review of Rural Partnerships, TVA and Organization for Economic Cooperation and Development (OECD), 1996 (\$27,720), with Dr. David Freshwater
- PI/Project Manager*, USDA/ERS/CED, cooperative agreement, 1993-95 (\$232,650)
- Co-PI*, USDA/ERS/CED, cooperative agreement 1993-94 (\$12,500), with Dr. Jerry Skees
- PI*, USDA/CSRS National Research Initiative (NRI), Competitive Grants Program, Human Capital and Economic Growth, 1993-95 (\$115,300)
- Co-PI*, Poverty Mapping Project, Southern Rural Development Center, 1992-93 (\$13,000), with Dr. David Debertin

Other Funded Projects (selected)

Farm Foundation, Vermont Technical Assistance Providers' Association; Federal Reserve Bank of Boston; New England Small Business Development Centers; U. Vermont Center for Rural Studies; Association for Enterprise Opportunity support "What Works: Entrepreneurship and Community Development" workshop in the Northeast; M. Peabody (UVM) PI, (\$20,000) 2005

Health and Human Services Dept. (HHS) and Rural Policy Research Institute (\$15,000) funding of poverty conference and proceedings; RUPRI/Rural Poverty Research Center, PI, 2005

Kellogg Foundation (\$12,500) to host Listening Sessions on developing entrepreneurial systems in rural America and to disseminate copies of *Challenges for Rural America in the 21st Century*. J. Zuiches, S. Maggard, RRDCs, PI, 2005

eXtension Communities of Practice, Building Local Economies of the Future: Entrepreneurship Education and Information Systems for Rural People and Places. Funded: \$75,000. L. Beaulieu (PI) and RRDCs, co-PIs, 2005

Collaborator, Assistant Secretary for Program Evaluation, HHS, Rural Poverty Research Institute (RUPRI), Rural Poverty Research Center, 2002-2005 (B. Weber and C. Fluharty, co-Directors)

PI, Agricultural Industrialization and Globalization: Implications for Rural Economies (with D. Debertin, R. Fleming and A. Pagoulatos), KY AES Hatch Project No. 98-7; 1998-2000

Co-PI, Analyzing Impacts of the Structure of U.S. Agriculture on the Structure of Non-Farm Rural Communities, (with Dr. Debertin), Hatch Project KY004005; March 1996-September 2000

Co-PI, Rural Economic Development: Alternatives in the New Competitive Environment, NE-162 Regional Research Project, 1997-2001; renewed as NE-1011, 2001-2005

Supervisor; Lyman T. Johnson Post-Doctoral Competitive Fellow, 1996-1997 (\$65,000)

PI; UKERA (University of Kentucky Education Reform Act project), Competitive Internal Grant, 1994-1995 (\$9,500)

PI; KY AES Hatch Project, "An Analysis of Finance, Efficiency, and Socioeconomic Influences in Urban & Rural Public Schools," 1992-1997

Principal Co-Investigator, NE-162, Regional project, Nonmetropolitan Economic Development: Alternatives in the New Competitive Environment; 1992-1997.

PI; UKERA Grant (Kentucky Education Reform Act), 1992-93 (\$5,000)

Principal Co-Investigator; University of Kentucky Robotics Center Grant, 1992 (\$9,000)

Manuscripts in Refereed Journals

In preparation or review:

Goetz, S.J. and D. Fleming. "Location Determinants of the INC5000 Firms".

Bonanno, A. and S.J. Goetz, "Food Access, Nutrition Education, Habits, and Obesity."

Han, Y., S.J. Goetz, et al. "Estimating Latent Migration from Overlapping Migration and Commuting Networks."

Bonanno, A. and S.J. Goetz, "The Local Economic Impact of Wal-Mart," in second review.

Goetz, S.J., A. Rupasingha and S. Loveridge, "Social Capital, Religion, Wal-Mart and Hate Groups in America," in second review.

Han, Y., S. Goetz et al. "Simulating Network Structures Using Bernoulli's Principles," in second review.

Published (or accepted):

Rupasingha, A. and S.J. Goetz, "Self-Employment and Local Economic Performance: Evidence from US Counties," *Papers in Regional Science*, forthcoming.

Goetz, S. J., M.D. Partridge, D. S. Rickman and S. Majumdar (2011), "Sharing the Gains of Local Economic Growth: Race to the Top vs. Race to the Bottom Economic Development." *Environment and Planning C: Government and Policy*. 29(3): 428-456. DOI: 10.1068/c1077r <***selected as Editors' Choice Article in this issue>.

Fleming, D. and S.J. Goetz (2011), "Does Local Firm Ownership Matter?" *Economic Development Quarterly*. 25(3), August: 277-81. DOI: 10.1177/0891242411407312

Brasier, K.J., M.R. Filteau, D.K. McLaughlin, J. Jacquet, R.C. Stedman, T.W. Kelsey & S.J. Goetz (2011), "Residents' Perceptions of Community and Environmental Impacts from Development of Natural Gas in the Marcellus Shale: A Comparison of Pennsylvania and New York Case Studies," *Journal of Rural Social Sciences*. 26(1):32-61.

Goetz, S.J., M. Partridge, S.C. Deller and D. Fleming (2010), "Evaluating U.S. Rural Entrepreneurship Policy," *Journal of Regional Analysis and Policy*, 40(1):20-33.

Goetz, S.J., Y. Han, J. Findeis and K. Brasier (2010), "US Commuting Networks and Economic Growth: Measurement and Implications for Spatial Policy," *Growth and Change*, 41(2): 276-302.

Kinsella, J., S.J. Goetz, M. Partridge, S.C. Deller and D. Fleming (2010), "Evaluating RD Policies for Social and Human Capital Development" *EuroChoices*. 9(1):42-7.

- Fleming, D., D. Abler and S.J. Goetz (2010), "The Impact of Agricultural Trade on Poverty: The Case of Chile," *Agricultural Economics*. 26(1): 545-53. DOI: 10.1111/j.1574-0862.2010.00468.x
- Goetz, S.J. and S.S. Shrestha (2009), "Explaining Self-Employment Success and Failure: Wal-Mart vs. Starbucks or Schumpeter vs. Putnam," *Social Science Quarterly*. 91(1):22-38.
- Goetz, S.J. and A. Rupasingha (2009), "Determinants and Implications of Growth in Non-Farm Proprietorship Densities: 1990-2000," *Small Business Economics*. 32, 4: 425-38.
- Grassmueck, G., S.J. Goetz and M. Shields (2008), "Youth Out-Migration from Pennsylvania: The Roles of Government Fragmentation vs. the Beaten Path Effect," *Journal of Regional Analysis and Policy*. 38(1): 77-88.
- Shrestha, S.S., S.J. Goetz, and A. Rupasingha (2007), "Proprietorship Formations and US Job Growth," *Review of Regional Studies*. 27(2): 146-168.
- Brasier, K.J., S.J. Goetz, L.A. Smith, M. Ames, J. Green, T. Kelsey, A. Rangarajan and W. Whitmer (2007), "How Clusters of Agricultural Firms Affect Local Community Sustainability," *Journal of the Community Development Society*. 38(3): 8-22.
- Goetz, S.J. (2007), "The Economic Case for State-Level Land Use Decision-Making," *Journal of Regional Analysis and Policy*. 37(1): 20-24.
- Goetz, S.J. (2007), "Spatial Dynamics, Networks and Modelling" by A. Reggiani and P. Nijkamp, eds., Book Review in *Papers in Regional Science*. 86(3): 523-524.
- Goetz, S.J. (2007), "Grundzüge der Landwirtschaftlichen Marktlehre" (Foundations of Agricultural Markets) by U. Koester, 3rd ed., Book Review in *European Review of Agricultural Economics*. 34(1):134-136.
- Swaminathan, H. and S.J. Goetz (2007), "The 'Retail Revolution': Do We Know Enough?" *Economic and Political Weekly*, April 7: 1246-1247.
- Rupasingha, A. and S.J. Goetz (2007), "Social and Political Forces as Determinants of Poverty," *Journal of Socio-Economics*. 36(4): 650-671.
- Goetz, S.J. and A. Rupasingha (2006), "Wal-Mart and Social Capital," *American Journal of Agricultural Economics*. 88(5): 1304-1310.
- Rupasingha, A., S.J. Goetz and D. Freshwater (2006), "The Production of Social Capital in US Counties," *Journal of Socio-Economics*. 35(1): 83-101.
- Goetz, S.J. and H. Swaminathan (2006), "Wal-Mart and Family Poverty in US Counties," *Social Science Quarterly*. 83(2): 211-225.

- Zimmerman, J., S.J. Goetz and D.L. Debertin, "People and Places: Welfare Reform and the Separate Effect of Caseload Characteristics and Local Conditions," *Sociological Spectrum*, 26 (2006): 289-308.
- Goetz, S.J., "Random Variation in Student Performance across Pennsylvania School Districts with Different Class Sizes: Implications of NCLB for Rural Areas," *Journal of Research in Rural Education*, 20, 13 (2005).
- Debertin, D.L. and S.J. Goetz, "Rural Poverty, Amenities and Social Capital" *Southern Business and Economics Journal*, 27, 1 (Winter 2004): 68-84.
- Goetz, S. J., A. Rupasingha and J. Zimmerman, "Spatial Food Stamp Program Participation Dynamics in US Counties," *Review of Regional Studies*, 34, 3 (2004): 172-190
- Goetz, S.J. and A. Rupasingha, "The Returns to Education in Rural Areas," *Review of Regional Studies*, 34, 3 (2004): 245-259
- Rupasingha, A. and S.J. Goetz, "County Amenities and Net Migration," *Agricultural and Resource Economics Review*, 33, 2 (October 2004): 198-207
- Goetz, S.J., "Local Partnerships for Rural Development: The European Experience," Book Review in *Regional Studies*, 38, 4 (June 2004): 459-60
- Pagoulatos, A., S.J. Goetz, D.L. Debertin and T. Johanssen, "Interactions between Economic Growth and Environmental Quality in U.S. Counties," *Growth and Change* 35, 1 (Winter 2004): 90-108.
- Rupasingha, A., S.J. Goetz, D. Debertin, and A. Pagoulatos, "The Environmental Kuznets Curve for US Counties: A Spatial Econometric Analysis with Extensions," *Papers in Regional Science* 83 (2004): 407-424.
- Goetz, S.J. and A. Rupasingha, "The Returns on Higher Education: Estimates for the 48 Contiguous States," *Economic Development Quarterly* 17, 4 (Nov. 2003): 337-51.
- Rupasingha, A., S.J. Goetz and D. Freshwater, "Social and Institutional Factors as Determinants of Economic Growth: Evidence from the United States Counties" *Papers in Regional Science* 81 (2002): 139-155.
- Goetz, S.J. and A. Rupasingha, "High-Tech Industry Clustering: Implications for Rural Areas," *American Journal of Agricultural Economics* 84, 5 (Dec. 2002): 1229-36.
- Goetz, S.J. and D.L. Debertin, "Why Farmers Quit: A County-Level Analysis," *American Journal of Agricultural Economics* 83, 4 (November 2001): 1010-23.

- Goetz, S.J., and D. Freshwater, "State-Level Measures of Entrepreneurship and a Preliminary Measure of Entrepreneurial Climate," *Economic Development Quarterly* 15, 1 (February 2001): 58-70.
- Rupasingha, A., S.J. Goetz and D. Freshwater, "Social Capital and Economic Growth: A County-Level Analysis," *Journal of Agricultural and Applied Economics* 32, 3 (2000): 565-72.
- Ngaramb , O., S.J. Goetz and D.L. Debertin, "Regional Economic Growth and Income Distribution: County-Level Evidence from the U.S. South," *Journal of Agricultural and Applied Economics* 30 (December 1998): 325-337.
- Goetz, S.J., D.L. Debertin and A. Pagoulatos, "Human Capital, Income, and Environmental Quality: A State-Level Analysis," *Agricultural and Resource Economics Review* 28, 2 (October 1998): 200-208.
- Ngaramb , O. and S.J. Goetz, "Determinants of Regional Income Distribution in the U.S. South, 1980-1990: Roles of Net Migration and Human Capital Accumulation," *Review of Black Political Economy* 26, 2 (1998): 325-337.
- Goetz, S.J. and P. Schirmer, "Household Characteristics and the Use of Information Technology: Bivariate Probit Estimates," *Kentucky Journal of Economics and Business* 17 (1998): 85-97.
- Goetz, S.J. and D. Freshwater, "Effects of Welfare Reform on Rural Counties and Labor Markets," *American Journal of Agricultural Economics* 79 (Dec. 1997): 1608-13.
- Goetz, S.J., "State and County-Level Determinants of Food Manufacturing Establishment Growth: 1987-1993," *American Journal of Agricultural Economics* 79 (August 1997): 838-850.
- Goetz, S.J. and D.L. Debertin, "Rural Population Decline in the 1980s: Impacts of Farm Structure and Federal Farm Programs," *American Journal of Agricultural Economics* 78 (August 1996): 517-529.
- Goetz, S. J. and D. Hu, "Economic Growth and Human Capital Accumulation: Simultaneity and Expanded Convergence Tests," *Economics Letters* 51 (June 1996): 355-62.
- Goetz, S.J. and D.J. Kemlage, "TSD Facilities Location and Environmental Justice," *Review of Regional Studies* 26 (Fall 1996): 285-300.
- Goetz, S.J., D. Hu, and D.L. Debertin, "A Structural Model of Human Capital and Manufacturing Sector Change," *International Advances in Economics Research* 2 (November 1996): 355-67.

- Goetz, S.J. and D.L. Debertin, "Rural-Urban Locational Choices of Medical Doctors," *Review of Agricultural Economics* 18 (November 1996): 547-63.
- Goetz, S. J., R.C. Ready and B. Stone, "Economic Growth vs. Environmental Conditions: A State-Level Analysis," *Growth and Change* 27 (1996): 97-110.
- Goetz, S.J. and R.C. Ready, "Modeling Economic Growth with Unpredictable Shocks: A State-Level Application for 1960-90," *Journal of Agricultural and Applied Economics* 27 (1995): 400-8.
- Goetz, S.J. and S.R. Morgan, "State-Level Locational Determinants of Biotechnology Firms," *Economic Development Quarterly* 9 (1995): 174-84.
- Gallacher, M., S. J. Goetz and D. L. Debertin, "Managerial Form, Ownership and Efficiency: A Case Study of Argentine Agriculture," *Agricultural Economics* 11 (1994): 289-99.
- Goetz, S. J. and H. Luo, "Public School Frontier Production Function Estimation with Time-Varying Inefficiency," *Kentucky Journal of Business and Economics* 13 (1994): 67-77.
- Goetz, S.J. "Human Capital and Rural Labor Issues," *American Journal of Agricultural Economics* 75 (1993): 1164-8.
- Goetz, S.J. "On the Existence of Stable Equilibria in Agriculture," *Journal of Agricultural and Applied Economics* 25 (1993): 208-16.
- Goetz, S.J. and D.L. Debertin, "Estimating County-Level Demand for Educational Attainment," *Socio-Economic Planning Sciences* 27 (1993): 25-34.
- Goetz, S. J. "Interlinked Markets and the Cash Crop-Food Crop Debate in Land-Abundant Tropical Agriculture," *Economic Development and Cultural Change* 41 (1993): 343-61.
- Goetz, S. J. and D.L. Debertin, "Rural Areas and Educational Reform in Kentucky: An Early Assessment of Revenue Equalization," *Journal of Education Finance* 18 (1992): 163-79.
- Goetz, S.J. "Economies of Scope and the Cash Crop-Food Crop Debate in Senegal," *World Development* 20 (1992): 727-34.
- Goetz, S.J. "A Selectivity Model of Household Food Marketing Behavior in Sub-Saharan Africa," *American Journal of Agricultural Economics* 74 (1992): 444-52.
- Goetz, S.J. and D.L. Debertin, "Regional Analysis of Kuznets' Hypothesis Using County-Level Data," *Atlantic Economic Journal Best Papers* 2 (1992): 206-10.
- Goetz, S.J. and D.L. Debertin, "A Caution about Using School Outputs in Educational Production Functions," [Anthology] *Atlantic Economic Journal* 19 (1991): 62.

Books and Book Chapters

- Goetz, S. (2012). "Labour market theory and models", Ch. 5 in Faggian, A. and M. Partridge, eds. *Handbook of Regional Science*, Springer, Holland. [forthcoming]
- Brouwer, F., S.J. Goetz and R. Pontius, editors (2012), *Dynamics of Land Use and Ecosystem Interactions: A Transatlantic, Multidisciplinary and Comparative Approach*, Springer (forthcoming).
- Debertin, D. L. and S. J. Goetz (2010), "Social Capital Formation in Rural, Urban and Suburban Communities" in *Environmental Politics: From Sociability to Sustenance*, ed. Prasenjit Maiti, pp. 166-195. Discovery Publishing House PVT. LTD New Delhi (India).
- Goetz, S.J. and F. Brouwer, editors (2010), *New Perspectives on Agri-environmental Policies; A Multidisciplinary and Transatlantic Approach*, Routledge/ Taylor and Francis Group, UK.
- Goetz, S.J. and F. Brouwer (2010), "A Multidisciplinary and Transatlantic Approach to Agri-Environmental Policies: Motivation and Overview," Ch. 1. in Goetz and Brouwer, Eds., pp. 1-10.
- Goetz, S.J., S. Deller and T. Harris, editors, *Targeted Regional Economic Development*, Routledge/Taylor and Francis Group, UK, 2009, 410pp. (includes four chapters co-authored by Goetz); Reviewed in:
Growth and Change, 2009, 40(4): 673-678.
Journal of Regional Science, 2011, 51(2): 409-410.
- Goetz, S.J. "Labor Unions," in G.E. Goreham, Ed., 2nd edition. *Encyclopedia of Rural America*, Grey House Publishing, Millerton, NY, 2008, pp. 535-538.
- Beaulieu, L. and S.J. Goetz, "Creative and Entrepreneurial Economies: Are They Achievable in Rural America?" in R. Knutson et al., Eds., *Perspectives on 21st Century Agriculture: A Tribute to Walter J. Armbruster*; Sheridan Books, Ann Arbor, MI, 2007, pp. 195-209.
- Shields, M., S.J. Goetz and Q. (Cindy) Wang, "Out-Migration from the Northeast US: The Relative Roles of Economic and Amenity Differentials," chapter in G. Greene, S. Deller and D. Marcouiller, editors, *Amenities and Rural Development: Theory, Methods and Public Policy*, Edward Elgar Publ., Northhampton, Mass., 2006, 78-94.
- Jensen, L., S.J. Goetz and H. Swaminathan, "Changing Fortunes: Poverty in Rural America" Chapter 6 in D. Brown and W. Kandel, editors, *The Population of Rural America: Demographic Research for a New Century*, Kluwer Academic Publishers, Dordrecht: The Netherlands, 2006, 131-152.
- Stedman, R., S.J. Goetz and B. Weagraff, "Locations and Selected Effects of Second Homes," Chapter 14 in D. Brown and W. Kandel, editors, *The Population of Rural*

America: Demographic Research for a New Century, Kluwer Academic Publishers, Dordrecht: The Netherlands, 2006, 277-292.

Goetz, S.J., J.S. Shortle and J.C. Bergstrom, editors, *Land Use Problems and Conflicts: Causes, Consequences and Solutions*, Routledge Research in Environmental Economics: London and New York, 2005, 361+xvii pp.

Goetz, S.J., J.S. Shortle and J.C. Bergstrom, "Contemporary Land Use Problems and Conflicts," Chapter 1 in Goetz, S.J., J.S. Shortle and J.C. Bergstrom, editors, *Land Use Problems and Conflicts: Causes, Consequences and Solutions*, Routledge Research in Environmental Economics: London and New York, 2005, pp1-5.

Goetz, S.J., "Socioeconomic and Health Outcomes of Land Use," Chapter 10 in Goetz, S.J., J.S. Shortle and J.C. Bergstrom, editors, *Land Use Problems and Conflicts: Causes, Consequences and Solutions*, Routledge Research in Environmental Economics: London and New York, 2005, pp 132-148.

Goetz, Stephan J., James S. Shortle and John C. Bergstrom, "Future Research Needs for Rational Land Use Decisions," Chapter 21 in Goetz, S.J., J.S. Shortle and J.C. Bergstrom, editors, *Land Use Problems and Conflicts: Causes, Consequences and Solutions*, Routledge Research in Environmental Economics: London and New York, 2005, pp 310-315.

Grigsby, B. and S.J. Goetz; "Telehealth: What Promise does it Hold for Rural Areas?" Chapter 19 in N. Glasgow et al., eds., *Critical Issues in Rural Health*, Blackwell, Ames, Iowa, 2004, pp. 237-250.

Goetz, Stephan J. and Bruce DeYoung, Editors, *The Webbook of IT Innovations in Extension*; The Northeast Regional Center for Rural Development, University Park, PA, 2002. Available at: <http://nercrd.psu.edu/publications/webbook/wbTOC.htm>

Grigsby, William J., William C. Shuffstall and Stephan J. Goetz, "Using Community Information Networks to Increase IT Capacity and Use in Rural Areas," Ch. 4.2. in S.J. Goetz and B. DeYoung, editors, *The Webbook of IT Innovations in Extension*; The Northeast Regional Center for Rural Development, University Park, PA, 2002.

Goetz, Stephan J., Tanja Jaksch and Rosemarie Siebert, Editors, *Agricultural Transformation and Land Use in Central and Eastern Europe*, Ashgate, Aldershot UK, 2001, 340 pages. *Book reviewed in *OstEuropa Agrarmärkte – aktuell* Nr. 1/02, p.20.

Goetz, Stephan J., "Agricultural Transformation in Central and Eastern Europe in a Global Perspective," Chapter 1 in S.J. Goetz et al., editors, *Agricultural Transformation and Land Use in Central and Eastern Europe*, Ashgate, Aldershot UK, 2001, pp.1-22.

Jaksh, Tanja, Rosemarie Siebert and Stephan J. Goetz, "Introduction," pp. xxii-v and "Prospects for the Future," Ch. 17, pp. 333-6, in S.J. Goetz et al., editors, *Agricultural*

Transformation and Land Use in Central and Eastern Europe, Ashgate, Aldershot UK, 2001.

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- Goetz, Stephan J. "Transactions Costs and the Net Labor Supply of Farm Households," symposium paper at the 1992 SAEA meeting, Lexington, KY; in *Southern Journal of Agricultural Economics*, 24(1992): 307.
- Goetz, Stephan J., "Kuznet's Inverse-U Revisited: Does the Relationship Vary Across Economic Sectors?," 1992 SAEA meeting, Lexington, KY; [poster] in *Southern Journal of Agricultural Economics*, 24 (1992):303.
- Goetz, Stephan J. and David L. Debertin, "Education and Poverty in Rural Kentucky," 1991 AAEA meeting, Manhattan, KS; abstract in *Amer. J. Agric. Economics*, 73(1991):1556.
- Debertin, David L. and Stephan J. Goetz, "Computer Cartography and the Display of Rural Economic Information," poster, 1991 AAEA meeting, Manhattan, KS; in *American Journal of Agricultural Economics*, 73(1991):1558.
- Goetz, Stephan J. & David L. Debertin, "Regional Analysis of Kuznet's Hypothesis Using County-Level Data," Atlantic Economic Society annual meeting, Washington, D.C., Oct. 1991; abstract in *Atlantic Economic Papers*, 1991.
- Goetz, Stephan J., "Single- and Multi-Dimensional Theil Inequality Measures: An Application to Farm Households," 1991 AAEA meeting, Manhattan, KS; in *American Journal of Agricultural Economics*, 73(1991):1554.
- Debertin, David L. and Stephan J. Goetz "Estimating County-Level Demand for Educational Attainment," 1991 AAEA meeting, Manhattan, KS; in *American Journal of Agricultural Economics*, 73(1991):1536.
- Goetz, Stephan J., "Evaluating Changes in Sources of School Funding Inequality," selected paper presented at the 38th North American Meetings of the Regional Science Association International, New Orleans, LA, November 1991 (*abstract* in conference program).
- Goetz, Stephan J. and David L. Debertin, "Nonmetro Areas and the KERA: Have per Pupil Revenues Been Equalized?" paper presented at the 17th annual Kentucky Economic Association meeting, Lexington, KY, October 1991.

Diagana, Bocar N., Amadou A. Fall and Stephan J. Goetz, "Observations Préliminaires sur les Participants du Système Agro-Alimentaire dans les Régions Orientales du Sénégal," (Preliminary Observations on Food System Participants in Southeastern Senegal) paper pres. at the FAO/USAID/ADAAPSO Conf., April 1987, Dakar, Sénégal (30pp). *FAO-EDES Abstract*, No. 71.

Research, Teaching, Extension, Consulting, Service and Other Papers

Other Articles written for In-House Publications, such as the newsletter, are listed on the Northeast Center's Website under Publications, at <http://nercrd.psu.edu/Publications/index.html>

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Brasier, K. and S.J. Goetz (2010) *A Social Network Analysis of the May 2009 NE-RCRD Local Foods Conference: Technical Report*. University Park, PA, 22pp. RDP No. 46.

Partridge, M., Lobao, L., Enver, A., Jeanty, W., Beaulieu, B., Gallardo, R., and Goetz, S. (2009) "Developing and Assessing Potential Forward-Looking Distress Indicators for the Appalachian Region", June, Appalachian Regional Commission Research Report, Washington, DC. 117pp.

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Goetz, Stephan J. "State Entrepreneurial Climate Estimates: An Update Based on the Kauffman Index.", September 2008. RDP No. 41. Also available at: <http://ssrn.com/abstract=1265243>

The Northeast Regional Center, July 2007, RDP No. 37, "Regional Listening Sessions on Rural Entrepreneurship: Lessons from the Northeast," 16pp. <http://www.nercrd.psu.edu/Publications/rdppapers/rdp37.pdf>

Goetz, Stephan J., "The Place-Based Structural Determinants and Effects of Self-Employment.," Final Report to the Kauffman Foundation, September 2006, 64pp. <http://www.nercrd.psu.edu/Publications/rdppapers/rdp33BW.pdf>

Goetz, Stephan J., Rod Howe and Walter Whitmer, Strategic Directions in Community and Economic Development Extension and Research in the Northeast: Building a Stronger Network in a Critical Time, December 2005. <http://www.nercrd.psu.edu/Publications/rdppapers/rdp32BW.pdf>

- Whitmer, Walter and Stephan J. Goetz, Economic and Community Development Issues and Priorities in the Northeastern US: Results of a Survey of Extension Educators, December 2005. <http://www.nercrd.psu.edu/Publications/rdppapers/rdp30BW.pdf>
- Goetz, Stephan J., Martin Shields and Qiuyan (Cindy) Wang, "Agricultural and Food Industry Clusters in the Northeast U.S.: Technical Report," The Northeast Regional Center for Rural Development, RDP No. 26, 74pp, November 2004.
URL: <http://nercrd.psu.edu/Publications/rdppapers/rdp26.pdf>
- Rupasingha, Anil and Stephan J. Goetz, "The Causes of Enduring Poverty: An Expanded Spatial Analysis of Poverty in the United States," The Northeast Regional Center for Rural Development, RDP No. 22, 37pp, December 2003.
URL: <http://nercrd.psu.edu/Publications/rdppapers/rdp22.pdf>
- Goetz, S.J. and T. Kelsey, "Land Use in the Northeast US: Ten Things Members of Every Rural Community Need to Know," Fall 2003
URL: http://nercrd.psu.edu/Ten_Things/index.html
- Tunceli, O., T. Collins and S. Goetz, "GIS and Your Community," Fall 2003.
URL: <http://nercrd.psu.edu/GIS/GIS.pdf>
- Goetz, Stephan J., Demographic Dimensions of Diversity Relevant for Extension Educators: An Electronic Guide to What to Look for, Why, and Where to Find the Data On-Line, prepared for the PSU Diversity Catalyst Committee and Change Agent States for Diversity (Cornell U); Jan. 2003. <http://www.nercrd.psu.edu/Diversity>
- Rupasingha, A. and Stephan J. Goetz, "Land Use Research: Scientific Publications from 1986 to the Present." The Northeast Regional Center for Rural Development, RDP No. 8, 45pp, Dec. 2001. <http://nercrd.psu.edu/Publications/rdppapers/LURrdp8.pdf>
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<http://www.nercrd.psu.edu/Publications/RCBusReports/RcbrNo2.pdf>
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- Goetz, S.J. "What Accounts for the Growing Rural-to-Urban Income Gap in the Northeast?" in *Rural Development Views*, Penn State AERS, vol. 7, no. 1, Spring 2001, 3pp.

Davis, John Uniack, Stephan J. Goetz, Nicolas Sidebe, Thomas M. Zalla and Bakary Doumbia, "Third Annual Performance Measurement Survey: Data Analysis Report," USAID/-Mali Democratic Governance Strategic Objective, Jan 15, 2000, 83pp + Annex

Goetz, Stephan J., "Rural Development Issues in the Northeast: 2000-2005," Rural Development Paper no 2, The Northeast Regional Center for Rural Development, Dec. 1999, 18pp.

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Goetz, Stephan J. "Economic Development in Kentucky," *Kentucky Journal*, vol. X1, no. 4, Kentucky Center for Public Issues and University of Louisville Policy Center, June/July 1999, 2 pp.

Goetz, Stephan J. and Larry D. Jones, "Impact of Agricultural Industry on Kentucky's Economy Remains Strong," pres. at Agric. Econ. Department Extension Outlook Conference, Louisville, Feb. 1998, 2pp.

Goetz, S.J. and D.L. Debertin, "A School Efficiency Index for Kentucky: 1996-97 Update," prep. for Office of Educational Accountability, Kentucky General Assembly, Frankfort, KY, Jan. 9, 1998, 15pp.

Zalla, T., M.A. Fawzy, S.J. Goetz, J. Holtzman, A.-R. Ismail, A.-H. Saad and R. Young, "Plan for Assessing the Impact of Egypt's Agricultural Policy Reform Program," prepared for USAID/ Cairo, Abt Associates, MVE, and Ministry of Agriculture and Land Reclamation, Cairo, Egypt, Dec. 1997.

Goetz, Stephan J. "County-Level Determinants of High-Technology Firm Locations: 1988-94," TVA Rural Studies, Contractor Paper 98-4, Univ. of Kentucky, Competitive Research Contract, December 1997.

Freshwater, David, Stephan J. Goetz, Scott Samson, Jeff Stone, Tulin Johannsen and Monica Greer, "The Consequences of Changing Electricity Regulations for Rural Communities in Kentucky," prep. for the National Rural Electric Cooperative Association, Washington, D.C., Oct. 1997. Also published in *Foresight*, KLTPRC, vol. 5, no. 1, 1998, pp. 1-5.

Goetz, S.J. and D. Freshwater, "Welfare Reform Impacts in Kentucky Counties," *Econ. Issues Facing KY Agric.*, Dept. of Ag. Econ., UK, Extension Publ. ESM-23, Oct. 1997, pp. 26-31.

Jones, Larry D., Tom Bailey, Stephan J. Goetz and William M. Snell, "Contribution of Agricultural Production and Processing to the Kentucky Economy," *Economic Issues Facing Kentucky Agriculture*, Dept. of Agric. Econ., Univ. of Kentucky, Extension Publ. ESM-23, Oct. 1997, pp. 36-40.

Goetz, Stephan J. and David Freshwater, *Kentucky's Entrepreneurial Capacity: 1997*, Kentucky Science & Technology Council, Inc., Lexington, KY, Sept. 1997, 24 pp. Invited

pres. at the Kentucky Inc.: Creating the Entrepreneurial Economy Conf., Louisville, KY, October 2, 1997. Updates also published in 1998 and 1999.

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Goetz, S.J., D.L. Debertin, A. Pagoulatos, L.D. Jones and T.M. Bailey, "Impact Multipliers for Kentucky's Farm Sector," Dept. of Agric. Econ., UK, *Economic Issues Facing Kentucky Agriculture*, Extension Publication ESM-21, Oct. 1996, pp. 57-62.

Goetz, Stephan J. and David L. Debertin, "Using KIRIS Results to Reward Teachers: Measurement and Evaluation Issues in Districts with Different Socioeconomic Conditions," prepared for the Office of Education Accountability, KY General Assembly, Frankfort, KY, Oct. 1996, 13pp.

Goetz, Stephan J., "The Use of Intragovernmental Partnerships for Rural Economic Development," Site Background Report for the Spring 1996 OECD Travel Tour, prepared for TVA Rural Studies, January 1996, 10 pp.

Goetz, Stephan J. and David L. Debertin, "School Finance Reform," in: *A Review of Research on the Kentucky Education Reform Act (KERA)*, prepared for the Univ. of Kentucky/Univ. of Louisville Joint Center for the Study of Educational Policy, Fall 1995.

Goetz, Stephan J. "KERA Finance Issues," presentation at the Microeconomics Workshop Series, University of Kentucky, Department of Economics, Fall 1995.

Goetz, Stephan J. and David L. Debertin, "Impacts of KERA on Revenue and Expenditure Changes in Rural and Urban Districts of Kentucky," for Kentucky Farm Bureau, Fall 1995.

Goetz, Stephan J., "Economic, Industrial Changes Driving Demand for Workforce Training," *Foresight*, KY Long-Term Policy Research Center, Frankfort, KY, Spring 1995, pp. 1-5.

Debertin, David L. and Stephan J. Goetz, "Implications of Federal Tax Reform for Kentucky," in *Economic Issues Facing Kentucky Agriculture*, Department of Agricultural Economics, ESM-20, University of Kentucky, October 1995, pp. 31-34.

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- Goetz, Stephan J., Larry D. Jones and A. Lee Meyer, "Locational Considerations and Employment Effects of Kentucky's Poultry Processing Industry," *Economic Issues Facing Kentucky Agriculture*, ESM-18, Dept. of Agric. Economics, Univ. of Kentucky, Oct. 1994.
- Goetz, Stephan J. "Workforce Training and Industrialization: Current Trends, Historical Context and Implications for Kentucky," for KY Long-Term Policy Research Center, [12pp] February 1994.
- Goetz, S.J. "Statistical Analysis of Adult Training Data," for Business and Industry Training Assistance Center, UK Madisonville Community College, 1994.
- Goetz, Stephan J. and Richard C. Ready, "Economic Growth Versus Environmental Quality: Is There A Trade-Off?" in *Economic Issues Facing Kentucky Agriculture*, Department of Agricultural Economics, ESM-16, University of Kentucky, October 1993, pp. 61-67.
- Goetz, Stephan J. and David L. Debertin, "School Finance Reform," in: *A Review of Research on the Kentucky Education Reform Act (KERA)*," prepared for the Univ. of Kentucky/Univ. of Louisville Joint Center for the Study of Educational Policy, June 1993, pp. 7-19.
- Freshwater, David, Stephan J. Goetz and Larry D. Jones, "Industrialization of Kentucky: Resources and Constraints," Center for Robotics and Manufacturing Systems, T93001, University of Kentucky, Lexington, March 1993 (30pp+annex:iii+68pp).
- Goetz, Stephan J., Thomas W. Ilvento and Ronald D. Eller, "Unemployment Rates as Measures of Economic Distress: How Reliable are They, and What are the Alternatives?" Department of Agricultural Economics, Univ. of Kentucky, November 1992, (14pp).
- Goetz, Stephan J. and David L. Debertin, "Education, Environmental Quality and State Funding Priorities," *Economic Issues Facing Kentucky Agriculture*, Department of Agricultural Economics, ESM-14, October 1992, pp. 36-44.
- Goetz, Stephan J. and David L. Debertin, "Education Reform and Income: Some Issues Facing Kentucky," *Economic Issues Facing Kentucky Agriculture*, Department of Agricultural Economics, ESM-12, October 1991, pp. 29-36. [Also published in *Agribusiness News*, Dept. Agric. Econ., Univ. of Kentucky, Cooperative Extension Service, No. 75, October-November 1991, pp. 4-10].
- Goetz, Stephan J. "Agriculture and Educational Reform: Some Issues," *Agribusiness News*, Dept. Agricultural Economics, U. of Kentucky, Cooperative Extension Service, No. 71, February-March 1991, pp. 4-7.

- Goetz, Stephan J. and David L. Debertin, *Computer-Based Exercises for Economics of Food and Agriculture: A Study Guide*, Dept. Agric. Econ., Univ. of Kentucky, September 1991, (30pp). *Solutions Manual* (12pp).
- Goetz, Stephan J., Eric W. Crawford, Bocar N. Diagana, John S. Holtzman and Michael T. Weber, "An Analysis of the Effects of Changes in Marketing Institutions and Policy on Cereals Producers and Marketing Agents in Southeastern Senegal," Michigan State University Staff Paper, No. 88-149, September 1988, East Lansing, Michigan (47pp).
- Goetz, Stephan J. "Agricultural Product Prices in Southeastern Senegal: Final Report for 1987," presented to USAID/Dakar, April 1988. Published in French, ISRA/BAME Series (17pp).
- Goetz, Stephan J. and John S. Holtzman, "Input Acquisition and Crop Mix Changes in 1987: A Preliminary Report for Southeastern Senegal," April 1988 (French), ISRA/BAME Series (27pp).
- Goetz, Stephan J. et Bocar N. Diagana avec Abdou-Karim Diallo, "Le Projet Sécurité Alimentaire de l'ISRA/MSU/USAID: Note Méthodologique," (The Food Security Project: Methodological Note) Dakar: Direction de Recherches sur les Systèmes Agraires de l'ISRA, Décembre 1987 (21pp+appendix).
- Goetz, Stephan J., Amadou A. Fall, Bocar N. Diagana and John S. Holtzman, "Private Cereals Traders in Southeastern Senegal and the APS: Observations on Opinions, Prospects and Implementation Issues," discussion paper for USAID/ADO/Dakar, December 1987 (13pp).
- Diagana, Bocar N. et Stephan J. Goetz, "Les SRD et le Système de Distribution des Intrants en 1985 et 1986: Participation et Opinions des Producteurs au Sud-Est du Sénégal," (Rural Development Societies and the Input Distribution System in 1985 and 1986: Participation and Opinions of Farmers in Southeastern Senegal) Note d'Information, ISRA/BAME 87-2, Décembre 1987 (15pp).
- Goetz, Stephan J. and John S. Holtzman with Alioun Dieng, "Crop Mixes, Agricultural Inputs, and Participation with Parastatal Organizations: Reports from Farmers in Southeastern Senegal," May 1987. Published in English, ISRA/BAME series (34pp+appendix).
- Goetz, Stephan J. with Alioune Dieng, "Characteristics of Agriculture and Farm Households in Southeastern Senegal," ISRA/MSU Food Security Project Working Paper, March 1987 (31pp + appendix).
- Goetz, Stephan J., "Seasonal Analysis of Price Data," Section 7.2, in *User's Guide to MSTAT (Version 4.0): A Software Program for the Design, Management, and Analysis of Agronomic Research Experiments*, Michigan State Univ., East Lansing, MI, Feb. 1987, pp. 7-16 to 7-46.

Goetz, Stephan and Michael T. Weber, "Fundamentals of Price Analysis in Developing Countries' Food Systems: A Training Manual to Accompany the Microcomputer Software *MSTAT*," MSU International Development Paper (IDP) Series, East Lansing, Working Paper No. 29, 1986 (148pp).

Ph.D. Dissertation

Goetz, Stephan J. "Public Policies, Markets, Farmer Decisions and Food Security in Southeastern Senegal," Michigan State University, E. Lansing, MI., 1990 (xii+251pp).

Master's Degree Paper

Goetz, Stephan J. "A Review of Basic Price Analysis Techniques with Emphasis on Interpretation and Data Limitations in Third World Food System Applications," Michigan State University, E. Lansing, MI, 1986 (v+144pp).

Software

Goetz, Stephan J. "Seasonal Price Analysis Program; MSTAT" (with Jeff Anderson); Michigan State University.

ADDITIONAL EVIDENCE OF NATIONAL AND INTERNATIONAL RECOGNITION

Selected Invitations to Speak or Participate (examples, not reported elsewhere)

- 13th National Value Added Agriculture Conference, Pittsburgh, Keynote address, 2011
- Cornell University Systems Engineering Department, pres. on Food Systems, 19 Nov 2010
- Chicago Federal Reserve Bank, invited presentation, Chicago, IL, 9 Nov 2010
- Cleveland Federal Reserve Bank and Univ. of Kentucky Center for the Study of Poverty, invited presentation, Lexington KY, 2009
- Pulver-Shaeffer Memorial Seminar Series, University of Wisconsin, Feb. 2009
- Experts Panel on Rural Policy, Organization for Economic Cooperation and Development (OECD), Paris, France, 2009; two papers
- Lowell D. Ashby Regional Speaker Series, US Department of Commerce, Bureau of Economic Analysis, Washington, DC, August 12, 2008
- Panel Presentation at the American Sociological Association annual meeting, on the Wal-Mart Effect on Communities, New York, N.Y., August 14, 2007
- Entrepreneurship Policy Meeting, Harvard University, Taubman Center for State and Local Government, and Kauffman Center on Entrepreneurship, March 2007
- American Agricultural Economics Association, annual meeting, *Invited paper* on the impacts of big-box stores on social capital stocks, San Diego, CA, July 2006.
- Economic Policy Institute, *Research taskforce meeting on impacts of big-box stores*, Washington, DC, July 7, 2005.
- National Agricultural, Research, Extension, Education, and Economics Advisory Board, Mid-Atlantic Regional Listening Session on *Water Quality, Security and Sustainability of the Food and Agricultural System: Research, Education and Extension Issues*, held at University of Maryland Eastern Shore, July 29, 2004.
- Presentation to the Northeast Research Association Directors on *Regional Competitiveness in Agriculture and Food Processing*, July 2004, Mystic, CT.

- Utah State University, *Rural development challenges and priorities in the West: Future prospects for The WRDC*, April 28-29, 2004 (Office of VP for Outreach & Continuing Education).
- Michigan State University, *Land Use Policy: Issues and Opportunities for Land Grant University Research, Extension and Teaching*, May 1, 2003.
- Purdue University Cooperative Extension Service, *The Land Grant University in the 21st Century: Implications for Research, Teaching and Outreach*, May 4, 2002.
- Center for the Study of Rural America, Kansas City Federal Reserve Bank, October 2001. *Rural Development Research Priorities*, invited presentation.
- USDA/ERS Experts Panel, Washington, DC, June 13, 2001, *Industrial Structure and Rural Economic Growth: Suggestions for Needed Research*, invited presentation.
- West Virginia University 2001 Extension Program Conference, speaker at session on *Community Planning and Development Issues*, Weston, WV, October 17, 2001.
- Growing New Farmers Conference, Albany, NY, *welcoming remarks*, March 28, 2001.
- Rural Sociological Society Annual Meeting, panel discussant, *Rural Development Issues in America*, Aug. 13-17, 2000.
- Rural Dimensions of Welfare Reform, National Conf., discussant, Wash., DC, May 4-8, 2000.
- Making Workforce Preparation Training Succeed in Northeast Communities, Wrap-up speaker, Highlander Inn, Manchester, NH, Nov. 19-20, 1999.
- Cornell University, Ithaca, NY. Keynote speaker at *Building Skills for Participatory Community Development In-Service Training*, Oct. 18-20, 1999.
- AAEA meeting, Toronto, Canada, July 1997; presented an invited paper.
- The Ohio State University; Department of Agricultural Economics, Spring Quarter Agricultural Economics Seminar Series, invited seminar, April 1996.
- Center for Agricultural Landscape and Land Use Research (Zentrum für Agrarlandschafts- und Landnutzungsforschung), *Invited Colloquium presentation on measuring farm productivity*, Berlin (Müncheberg), Germany, March 1996.
- AAEA meeting, Orlando, FL, August 1993; presented an invited paper.
- AAEA meeting, Orlando, FL, August 1993; invited to participate in a free session.
- International Potato Center (CIP), Lima, Peru, and Indian Agricultural Research Institute (IARA), Delhi, India, March 17, 1993; invited conference paper (presented in India).
- Southern Regional Information Exchange Group (SRIEG-10), New Orleans, LA, May 1992; invited paper presentation.
- Purdue University, Department of Agricultural Economics, May 20-21, 1991; invited teaching seminar (with David Debertin).
- Southern Regional Information Exchange Group (SRIEG-53), Atlanta, GA, 1991; invited pres.
- Stanford University, Food Research Institute, Palo Alto, CA, January 1989; invited seminar.
- Senegalese Agricultural Research Institute (ISRA) and Ministry of Rural Development, Government of Senegal, Dakar, Senegal, July 7-8, 1988; presented two invited papers.
- Michigan State Univ., Society for Internat. Develop., E. Lansing, July 1988; invited seminar.

Other Overseas/International Presentations since 1990

- USAID/Cairo, MVE Unit, and Ministry of Agriculture and Land Reclamation, Cairo, Egypt, presentation on *Quantitative Methods for Evaluating Agricultural Policy Impacts*, October 1997.
- Selected paper presentation at Atlantic Economic Society, International Conference in Paris, France, March 1996.

Consulting/Other (Honoraria)

- Harvard University, Taubman Center
- Northwest Area Foundation, Minneapolis, MN (on poverty alleviation)
- USAID/Nairobi, Kenya; USAID/Bamako, Mali and USAID/Cairo, Egypt
- Abt Associates; Management Systems International (MSI)
- Tennessee Valley Authority (Rural Studies)
- Lincoln Land Institute
- Wake Forest University Economics Department and BBB
- Appalachian Regional Commission
- Kauffman Foundation of Entrepreneurship
- Ohio State University
- West Virginia University
- Michigan State University
- Kentucky Science and Technology Council, Inc.
- Kentucky Long-Term Policy Research Center
- University of KY/University of Louisville Joint Center for the Study of Educational Policy
- Madisonville Community College, BITAC (Business and Industry Training Assistance Center)

Manuscripts reviewed for journals (* denotes three or more reviews):

- *Agricultural Economics: The Jrnl. of the International Association of Agric. Economists*
- *Agricultural and Resource Economics Review*
- *American Journal of Agricultural Economics**
- *American Political Science Review*
- *Cambridge Journal of Regions, Society and Economics*
- *Contemporary Economic Policy*
- *Eastern Economic Journal*
- *Ecological Economics*
- *Economic Development and Cultural Change**
- *Economic Development Quarterly (The Journal of American Economic Revitalization)**
- *Economic Journal (UK)*
- *Entrepreneurship and Regional Development (An International Journal)*
- *European Review of Agricultural Economics*
- *Revue d'Etudes en Agriculture et Environnement/Review of Agric. & Environmental Studies*
- *Growth and Change: A Journal of Urban and Regional Policy**
- *International Review of Economics and Finance*
- *Journal of Agricultural and Applied Economics**
- *Journal of Agricultural and Resource Economics*
- *Journal of Agricultural Economics (UK)*
- *Journal of Agriculture, Food Systems, and Community Development*
- *Journal of Applied Economics*
- *Journal of Business Venturing*
- *Journal of Environment and Development*
- *Journal of Productivity Analysis*
- *Journal of Real Estate Finance and Economics*
- *Journal of Regional Analysis and Policy*

- *Journal of Regional Science*
- *Journal of Research in Rural Education*
- *Journal of Rural Studies* (UK)
- *Journal of the Community Development Society**
- *Networks and Spatial Economics*
- *Papers in Regional Science*
- *Politics and Policy*
- *Public Choice*
- *Regional Science and Urban Economics*
- *Regional Studies* (UK)
- *Review of Agricultural Economics/Agricultural Economics and Public Policy**
- *Review of Economics and Statistics*
- *Review of Regional Studies**
- *Rural Sociology*
- *Social Science Quarterly**
- *Social Science Research*
- *Southern Rural Sociology*
- *Tropical Agriculture*
- *World Development*

Work featured in public media, newsletters, etc.

Results of my research have been reported in newspaper articles nationally and internationally, including the Guardian (UK), Washington Post, Philadelphia Inquirer and Atlanta Journal Constitution, and they have been carried nationally by news agencies such as the Associated Press. Results have been featured on C-SPAN as well as local television and radio stations. Goetz, S.J. et al. "Local Economic Conditions and Welfare Receipt," in *Poverty Research News*, March-April, vol. 5, no. 2, 2001, pp. 14-15.

Manuscripts reviewed for professional meetings or other:

SAEA, coordinator of selected paper reviews, 1997 meeting.
AAEA, review of selected posters, 1995 meeting; selected papers, 1993 and 1999, 2000 meeting.
SAEA, review of selected papers, 1992, 1995 and 1999 meetings.
Southern Rural Development Center, publication series (multiple reviews)
 WVU Regional Research Institute, manuscript for the *Web-Book of Regional Science*

Research Proposals Reviewed

National Science Foundation (NSF), multiple reviews
 Social Science Research Council, Ottawa, Canada
 TVA Rural Studies, multiple reviews
 Kentucky EPSCOR
 Louisiana EPSCOR
 USDA-CSRS, Small Business Innovation Research Program, multiple reviews
 USDA, National Research Initiative, Competitive Grants Program, multiple reviews
 Clemson Agricultural Experiment Station, Hatch Proposal
 Maryland Agricultural Experiment Station, Research Grant Application

West Virginia University, Faculty Senate Grant for Research and Scholarship Application
Mansholt Graduate School, Wageningen University, The Netherlands; Open Round Funding
Cornell University, Integrated Land Use Research and Extension Proposals
Michigan State University, Community Vitality Grants Program, multiple reviews

Other professional service (selected)

Reviewer for *Rural America at a Glance* brochure, USDA-ERS, 2003; *Rural Transportation at a Glance* publication, 2004. Also reviewed other ERS publications, various years.

Participant in Rural Community and Education Trust workshop, 2001, Kansas City, MO.

Reviewed applications of faculty members for promotion at (among others):

Cornell University (senior extension associate; associate professor)

West Virginia University (associate professor)

University of Maryland, College Park (extension principal agent; professor)

University of Wisconsin (senior extension associate)

University of Vermont (extension associate professor)

University of Florida (professor)

University of Georgia (distinguished professor)

Ohio State University (endowed professorship; associate professor)

Rutgers University (associate professor)

North Carolina State University (professor)

University of Illinois (associate professor; professor)

University of Kentucky (associate professor)

University of Maine (associate professor; professor)

University of Minnesota (extension professor)

University of Georgia (professor)

University of Colorado, Economics Department (professor)

Participant at USDA-Food Assistance and Nutrition Research Program (FANRP), Roundtable
Discussion on Identifying Research Priorities – Fiscal 2000; Washington, DC, Nov. 16, 1999.
Board Case Judge; Kentucky Youth Seminar, June 1993 and 1994; sponsored by the Univ. of
Kentucky Cooperative Extension Service and the Kentucky Council of Cooperatives.

Conference organizer (see also NE Center website)

Transatlantic Land Use Conference, Wash. DC., September 2007

Land Use Research Workshop, Orlando, FL, February 21-22, 2002 (chair and moderator).

Land Use Extension workshop, May 5-6, 2003 (co-chair)

Bridging the Digital Divide workshop, May 12-13, 2003 (co-chair)

Land Use Extension workshop, May 5-6, 2004 (co-chair)

Industry Targeting/Industry Cluster Workshop, Orlando, FL, Dec. 2-3, 2004 (co-chair)

Various conferences and workshops (as Northeast Center Director)

Conference Organizing Committee (member)

NE Research and Extension Directors annual meeting, 2002 (Land Use Session)

ERS(USDA)/SRDC Conference on “Education and the Economy,” 2002.

ERS(USDA) Conference on Rural County Typologies, 2002.

Member, Planning Committee for the Joint Summer 2002 Meeting of the Northeast Agricultural Experiment Station and Cooperative Extension Directors.
ECOP, Community Resource and Economic Development; Base Program Team, February 2002; also organized reviews of papers in the Information Technology track.
What Works Entrepreneurship Workshop, Burlington, Vermont, 2005 (September)
Various conferences and workshops (as Northeast Center Director)

Discussant at professional meetings

International Regional Science Association meetings: 1995; Kentucky Economic Association meeting: 1995; Southern Regional Science Association (SRSA): 1995, 1997, 2002, 2005, 2006; Western Regional Science Association: 1994, 1998, 2003.

Moderator at professional meetings

Rural Poverty Research Center, agenda-setting conference, Washington, DC, March 3, 2004
What the Public Values about Farmland, national land use conference, Baltimore, MD, 2003.
Biosecurity conference, Cornell University, Fall 2003.
Land Use Conference, Protecting Farmland at the Fringe: Do Regulations Work?
Strengthening the Research Agenda, moderated closing session, Baltimore, Sept. 2001.
CRED National Conference; Northeast Regional Meeting, 2002
Southern Agricultural Economics Assoc.: 1992, 1998;
American Agricultural Economics Association: 1993, 1999, 2004 selected paper sessions.
Regional Science Association, 1999; Southern Regional Science Association, 2002
Session on School Finance, *Conference on Education in Kentucky: Current Results, Future Visions*, University of Kentucky/University of Louisville Joint Center for the Study of Educational Policy, Radisson Hotel, Lexington, KY, February 8, 1995;

Session organizer

SRSA, San Antonio, TX, 1995
SRSA, New Orleans, LA, 2004

TEACHING PROGRAM

Courses Taught

- *Co-Instructor* for AEREC 533, Rural Economic Development and Policy, Spring 2008, 2009; instructor in Spring 2011
- *Instructor* for CEDev/AgEc 430, Rural Economic Development, Fall 2001, 2002, 2003, 2004, 2007 (web-course)
- *Co-Instructor* for CEDev/AgEc 430, Rural Economic Development, Spring 2001 (web-course)
- *Instructor* for AEC 304, Macroeconomics of Agriculture, 3 Credits, Fall 1996 [3.0]; 1997 [3.1]; 1998 [3.5] [denotes quality of teaching rating, on a 4.0 point scale]
- *Instructor* for AEC 626, Agriculture and Economic Development, 3 Credits, Spring 1995; Fall 1997, 1998; also co-taught with Dr. Anshel, Spring 1996.
[*highest-rated* AEC graduate course (quality of teaching), Spring 1996]
- *Instructor* for GEN 101, Economics of Food and Agriculture, 3 Credits, Spring 1991, 1992, 1993, 1994 and 1996 (total of over 300 students).

- *Instructor* for AEC 580, Regional Economics, 3 Cr., Spring 1993*, 1994 & 1995 (as AEC 483). [*4.0/4.0 rating for quality of course]
- *Co-instructor* [70%] for AEC 580, Economic Development Policies for Rural Areas, 3 Credits, Spring 1992; with Dr. Freshwater.

Independent Study Instruction:

- AEC 580, Regional Development Economics, 3 Credits; Summer 1993.
- AEC 780/EC 786, Special Topics in Regional Development, 3 Credits, Fall 1993.
- AEC 780, Dynamic Optimization Topics, 3 Credits, Fall 1993; with Dr. Pagoulatos

Guest Lecturer

- [3 weeks] AEC 309, International Agriculture and World Food Needs, Fall 1991.
- [2.5 weeks] AEC 626, Agriculture and Economic Development, 3 Credits, Fall 1990;
- [2 weeks] Spring 1993; [1.5 weeks] Fall 1993.
- Course on marketing principles for Developing Countries, Spring 1990, Michigan State Univ.

New Courses Developed

- CEDev/AgEc 430, Principles of Economic Development, 3 credit hours, World Campus course co-developed with Drs. Stephen Smith and Frank Goode, Penn State University.
- AEC 304, Macroeconomic Concepts in Agricultural Economics (a new required course).
- AEC 483, Regional Economics, 3 Credits (part of the Natural Resources Curriculum).
- AEC 580, Economic Development Policies for Rural Areas, 3 Credits (with Dr. Freshwater).

Teaching Materials Developed

- CEDev/AgEc 430, Web-course (with Stephen Smith and Frank Goode), Penn State.
- *Macroeconomic Topics in Agriculture* □ *Study Guide* for AEC 304; 1998.
- A spreadsheet-based student exercise guide for "hands-on" applications entitled, "*Computer-Based Exercises for Economics of Food and Agriculture: A Study Guide*" (30 pages). The guide introduces students to computers while reinforcing basic microeconomic principles. A *Solutions Manual* is also available.
- Various computer slide shows for projection on a large-screen monitor in AEC 580, Regional Economics (Spring 1993). Topics include Christaller's Market System of Central Places; Demand Threshold Analysis; Shift-Share Analysis; and Input/Output Analysis.
- *An Introduction to Regional Economics*. Spring 1993, case studies based on current newspaper articles are used to illustrate the importance of space in economic activity; 7pp.
- Goetz, Stephan J. "Using Spreadsheets to Teach the Concept of *Ceteris Paribus*," unpubl. manuscript, Dec. 1991, 9 pp.

Academic Advising

- Cumulative totals (advising and committee service):
Over 15 undergraduate students; over 12 M.Sc. students; over 16 Ph.D. students
Committee member; Penn State University
Yun Cai, M. Sc.; C. Vivanco, CEDev; Derek Brewin, Ph.D.; Ozgur Tunceli, Ph.D.
- At the University of Kentucky: Dissertation director for 2 Ph.D. candidates: J. Chen, T. Bailey. Two Ph.D. theses completed (O. Ngarambé, T. Johansson); co-directed one Ph.D. thesis, completed (Gallacher).
- Supervisor for three post-docs (Dayuan Hu, Octavian Ngarambé, Hema Swaminathan).

- M.Sc. Theses supervised 1994-2000:
1994: L. McLendon; 1995: R. Armstrong, E. Wangui; 1997: N. Lewis;
1998: B. Diallo, M. Chen. L. Constant; 2000.
- Other M.Sc. students: S. Morgan (1994); non-thesis.
- Committee member, five graduate students at Penn State (2000-2003);
major professor for graduate students: B. Weagraff, A. Mukhopadhyay, J. Williams

Students in other Departments

Dissertation Committee Member:

Two Ph.D. students in Workforce Development, Penn State Univ.
Jerry Ralston; College of Education (dissertation proposal completed: October 1998)
Sara Dewees; Sociology (Ph.D. degree completed: 1998)
Yukio Youtsumoto; Sociology (preliminary exam completed: Sept. 1998)
Mike Bewley; Economics (preliminary exam completed: Oct. 1998)
One Ph.D. candidate in Martin School/Economics Department

Outside Field Examiner, Economic Development: Patterson School of International Diplomacy:
1995 (S. Atkinson, B. Boetel, J. Dunn, V. Ross and M. Wada); 1996 (M. Amaike); 1997 (M. Wong); and 1998 (J. Johnson)

AgriBusiness Student Club

AgriBusiness Undergraduate Student Club, *Faculty Advisor*, 1993-96

Student Interns and other instruction

Supervised two French undergraduate students: Summer 1994 (V. Rossi) and 1995 (A. Teutsch)
Supervised one French graduate student: October 1998-January 1999 (A. Abibon)
Participated in PSU's Summer Research Opportunities Program for minority students; presented a Workshop illustrating research in the agricultural sciences to approx. 30 students, July 5, 2000; attended student presentations of seminars, August 3, 2001. Advised one student intern (6 weeks).
Instructor for MSTAT microcomputer workshops on principles of time series analysis for agricultural commodities: 1988 at Michigan State University; 1987 in Dakar, Senegal (West Africa)

National Teaching Conference Co-Organized

Co-Organizer of National Teaching Conference, "New Technologies and Innovations in Agr. Econ. Instruction," Lexington, KY, Jan. 31-Feb. 2, 1992 (with Drs. Debertin & Marchant).

Presentation of Teaching Method, etc. to Peers and Professional Societies

- Goetz, Stephan J. "Teaching Introductory Agricultural Economics Using Microcomputers as a Hands-On Learning Device," selected workshop presented at Third annual Robert Morris/McGraw Hill Conference on Instruction and Teaching, Pittsburgh, PA, Feb. 14-15, 1992.
- Hensley, Ella-Kay, Jack C. Morgan and Stephan J. Goetz, "Testing the Nature/Nurture Relevance of Five Postulates of Economic Theory on Infants and Children," selected paper presented at National Council on Economic Education/National Association of Economics Educators annual meeting, October 4-7, 1992, St. Petersburg, Fl.

- Debertin, D.L. and Stephan J. Goetz, "Applications of Computer Graphics to Instruction in Agricultural Economics," presented at New Technologies and Innovations in Agricultural Economics Instruction Conference and Workshop, Lexington, KY, January 31-February 2, 1992 (a similar seminar was presented at Purdue University, IN, on May 21-22, 1992).

Teaching Workshops Attended

- Introduction to Web-CT, Penn State University, December 2000.
- College of Agriculture, Afternoon Roundtable on Teaching: "Making Group Projects Work," September 24, 1998.
- National Teaching Workshop held in Lexington, KY, February 1992 (see item above).
- Third Annual Robert Morris College/McGraw Hill Conference on Instruction in Economics, Pittsburgh, PA, Feb. 1992.
- Workshop on *Active Learning*, UK Teaching & Learning Center, Spring 1992.
- Undergraduate *Teaching Luncheons* (sponsored by Dean L. Swift), Fall 1991.

UNIVERSITY SERVICE

Committee Service

Regional/National

Service on two committees listed above under Honorary Positions (p.1), 2011
 Experiment Station Committee on Organization and Policy, *Science Roadmap*, chapter co-author and reviewer, 2010
 National Association of State Universities and Land Grant Colleges, 2007 Farm Bill taskforce, 2005-2006
 National Association of Community Development Extension Professionals (NACDEP), organizing committee member, 2003-present
 Member, Change Agent States for Diversity committee, Cornell University, 2002-2005
 Northeast Agricultural and Resource Economic Association, Membership Committee, 2004-05

University

At Penn State University

Social Science Research Institute (review committee) – 2008
 Environment and Natural Resource Institute (2005-2007)
 Member, Pennsylvania Diversity Catalyst Team (appointed by Associate Vice President for Outreach and Director of Cooperative Extension); 2002-present.

At the University of Kentucky

Survey Research Center; Kentucky Survey Review Committee; member, 1995-1999 (UK Research & Graduate Studies).
 Social Sciences Computing Advisory Committee; member, 1994-96.
 Graduate School, Outside Diss. Reviewer, Dept. of Econ.; Dept. of Finance; 1994, 1996, 1998-9
 Merit Scholarship Office, review of Merit Scholar applications; 1994 and 1995.

College

At Penn State University

Agricultural Entrepreneurship Committee, 2011

Selection committee member, Buck award for outstanding research, February 2004; chair: 2005
Selection committee member, internal competitive graduate student grants, 2002

At the University of Kentucky

Periodic Review Committee, Department of Agricultural Economics, 1998.

Agricultural Econ. Chair Search Committee, 1996.

Member, Library Committee, 1994-1999.

Member; *ad hoc* committee for selection of Israel Internships, 1995.

Member, Hatch Project Review Committee, KY Agricultural Experiment Station, 1991-94.

College of Agriculture, *ad hoc* reviews of Hatch Project proposals, various years.

Member of Rural Economic Development Working Group.

Department

At Penn State

CEDev Admissions Committee and Graduate Committee, current

Doctoral Examination Committee, 2004-2005

Areas of Excellence Committee, member, 2004 (*ad hoc*)

Awards and Nomination Committee, 2002-2003; *Chair*: 2003-2004

Tenure and Promotion Committee, member, 2000-2001

Seminar Committee, member, 2000-2002

Library Committee, member 2000-2001

ad hoc committee work:

chair, committee drafting a submission to the Environmental Consortium

member, committee drafting a description for land use faculty position

At the University of Kentucky

Chair: Research Committee, 1998-99

Member:

Library Committee, 1999-2000

Department Executive Committee, 1998-99

Faculty Search Committees: Agribusiness; Risk; and Development positions; 1997-98.

Graduate Program and Admissions Committees, 1997-98.

Departmental Support; Undergrad. Program; Research; and GEN 101 Committees: 1996-97.

WWW Department Homepage Committee, 1995-1999.

Search Comm. for AgriBusiness Faculty position, 1994;

Preliminary Exam. Committee, 1990-92 & 1993-95. Co-administered prel. Ph.D. exams.

Department Research Committee, 1993-95. Reviewed manuscripts submitted to the dept's refereed *Research Report Series*. Also reviewed departmental research proposals in 1992-93 as member of College Hatch Project Review Committee.

Undergrad. Program Comm., 1992-93 & 1993-95; reviewed undergrad. program curriculum, etc.

Reference Room Design and Utilization Committee (*ad hoc*), 1992-93.

Programmer Search Committee (*ad hoc*), Fall 1992.

Graduate Program Committee, 1990-92; reviewed grad. curriculum, assistantship stipends, etc.

Committee for Improving Communications with Alumni (*ad hoc*), 1991.

Department Strategic Planning Committee, 1991. Committee formulated dept. goals and objectives, and established criteria for measuring progress in context of the University Self-Study Program.

Faculty Support Committee, 1992-93.

Professional Service and Presentations to State Government (selected, not listed elsewhere)

Center for Rural Pennsylvania, Chair, Board Member Sub-Committee examining alternative definitions of rural areas in PA, 2002-2003. Also served on Transfer of Wealth advisory committee, 2008. Nominations committee member, 2011

Center for Rural PA, member, Board Member Sub-Committee examining the retention in public Universities of undergraduate students from rural areas in PA, 2001-2002.

Center for Rural PA, Rural Summit in the City conference, November 2001; conference co-organizer and Information Technology Session moderator; Harrisburg, PA.

PA Rural Development Partnership, Rural Policy Forum, participant, State College PA, 2001

Kentucky General Assembly, Legislative Research Commission; Commission on Poverty:

presentation on rural and urban differences in economic development, May 28, 1999.

Kentucky Center for Rural Economic Development, 3rd annual Telecommunications

Conference, presentation on technology adoption in rural areas; May 11, 1998.

The Kentucky Education Coalition, presentation on School Efficiency Index, Jan. 21, 1998, Frankfort, KY.

Kentucky General Assembly, Legislative Research Commission Member of the Finance and Management Issue Group Task Force on Public Education; 1997; also provided expert testimony to the Education Committee.

State of Kentucky, Office of Educational Accountability; prepared papers, analyses and provided technical advice, 1995-1998.

Prepared various IMPLAN economic multipliers for Kentucky's congressional delegation; to assist the delegation in evaluating consequences of the tobacco settlement

Kentucky Long-Term Policy Research Center, Workforce Training Issues and Needs, prepared a white paper, January 1994.

Governor's Small Business Conf., Erlanger, KY, June 16-18, 1993; planning committee member.

Annual Meeting of Governors' Alternates from Appalachian States; Baltimore, MD, Fall, 1992;

prepared educational materials on measuring unemployment statistics for use by KY's representative. As a result of this work, impoverished counties in Kentucky with low unemployment rates but large numbers of discouraged workers continued to qualify as being "in distress."

Kentucky Legislature, Legislative Research Commission; assisted LRC staff in completing a study on KY Labor Statistics, mandated by the 1992 General Assembly; Fall, 1992.

Co-Organized a Conference focusing on issues in rural Kentucky entitled "University and State Government Responses to Rural Economic Challenges in the 1990s." October 31, 1990, Lexington, KY [organized by the College of Agriculture's Rural Development Working Group].