

STEPHAN J. GOETZ

DEPARTMENT OF AGRICULTURAL ECONOMICS, SOCIOLOGY AND EDUCATION
THE NORTHEAST REGIONAL CENTER FOR RURAL DEVELOPMENT
THE PENNSYLVANIA STATE UNIVERSITY
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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, Agric. Economics, Sociology and Education 09/1999-present

Director, The Northeast Regional Center for Rural Development (0.75 FTE)

Director, The National Agricultural and Rural Development Policy Center (since 2012)

Professor of Agricultural and Regional Economics and (since 2012) Demography (0.25 FTE)

Responsibilities: Provide leadership for regional and rural economic development research and Extension activities in a thirteen-state region. Link state activities to regional and national initiatives. Manage staff and core annual budget of >\$500,000 plus other grants.

University of Kentucky, Department of Agricultural Economics

Professor, Rural Economic Development 07-08/1999

Associate Professor, Rural Economic Development 1994-1999

Assistant Professor, Rural Economic Development 1990-1994

Michigan State University, Department of Agricultural Economics

Graduate Research Assistant 1984-1990

Manager and Research Director, Food Security Project (Senegal) 1986-1987

Languages

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

Selected Honorary Positions and Awards

- President, North American Regional Science Council (NARSC), July 31, 2019 – June 30, 2020.
- Board Member, Agricultural and Applied Economics Association representative to The Council of Professional Associations on Federal Statistics (COPAFS), 2017-
- Vice-Chairman 2017-2019. Board of Directors, Council on Food, Agriculture and Resource Economics (C-FARE), 2014-2019; Chairman of Programming Committee, 2017-2019.
- Editorial Board, *Growth and Change*; *Papers in Regional Science*, 2016-

- Board of Directors, The Center for Rural Pennsylvania: A Legislative Agency of the Pennsylvania General Assembly, 1999-2019.
- Northeast Agricultural and Resource Economics Association, 2015 Award for Outstanding Public Service Through Economics.
- National Academies of Sciences, Division of Behavioral and Social Sciences and Education, Member, Committee on National Statistics: Rationalizing Rural Classifications for the Economic Research Service, Jan. – Sept. 2015.
- C-FARE Blue Ribbon Panel, Council on Food, Agricultural and Resource Economics, 2011-2015; vice-Chair of the Rural Economic Development sub-committee, 2013-2014
- Editorial Board, *Journal of Agricultural and Resource Economics*, 2014-2017
- Editorial Board, *Journal of Agriculture, Food Systems and Community Development*, 2014-2018
- Chair (2013-14) and Member, Outreach Committee, Agricultural and Applied Economics Association, 2011-2014
- Editors' Choice Article Award, *Environment and Planning C: Government and Policy*, 2011
- Chair, Social Sciences Sub-Committee, Agricultural Experiment Station Committee on Organization and Policy (ESCOP), 2003-2005; member 2000-present
- Council, Southern Regional Science Association, 2007-2009
- Advisory Board, 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
- Rural Policy Research Institute, Comm. Policy Analysis Network, Leadership Team, 2002-2004
- E-Commerce Working Group, Extension Committee on Organization and Policy (ECOP), National Association of State Universities and Land Grant Colleges, 2002-2005
- 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;
- External Advisory Board, Regional Research Institute, WV University, 1999 and 2000
- *Kentucky Economic Association*, Board of Directors, 1996-1999
- Editorial Council, *Journal of Agricultural and Applied Economics*, 1996-1998
- Editorial Council, *Review of Agricultural Economics*, 1993-1995
- Chair, 1994-1995, Technical Committee, Regional Project NE-162
- *Gamma Sigma Delta* Agricultural Honor Society since 1993
- *Outstanding Doctoral Dissertation* Award, Dept. of Agric. Econ., Michigan State Univ. 1990
- *Phi Kappa Phi* National Honor Society since 1985
- Graduation *with distinction* from undergraduate program

Professional Membership

- American Economic Association (AEA)
- Agricultural & Applied Economics Association (AAEA); Community Economics Network
- Northeast Agricultural and Resource Economists Association (NAREA)
- North American, Western & Southern Regional Science Associations (NARSA, WRSA, SRSA)
- NE-162/1011; voting member since 1991[North-East Regional Research Project]
- National Association of Community Development Extension Professionals (founding member)

GRANTS

Externally Funded Projects

1. Co-PD, Creating an effective Support System for small and medium- sized farm operators to succeed in Agritourism, USDA/NIFA, July 2020-June 2023 (\$498,000). C. Schmidt, PD.
2. Co-PD, Critical Success Factors for Advancing Beer Tourism in Pennsylvania, COP: Liquor Control Board, PA, Oct. 2019-Apr. 2021 (\$47,276). C. Schmidt, PD.
3. PD, The Role of Innovation in Rural Firm Emergence and Vitality, USDA/NIFA, May 2018-May 2021 (\$500,000).
4. PD, Conference Grant for NAREA pre-conference workshop on Food Systems Economics, Jan. 2018 – Dec. 2018 (\$50,000).
5. Co-PD, Regional Economic Development Project, Economic Development Administration (US Commerce Department) grant, with Indiana University, Ohio State and San Diego State Univ., 07/2017-06/2019 (\$1.4 mn., \$110,710 subcontract).
6. Co-PD, Small Business Innovation Research (SBIR) Training Program, USDA/NIFA, 9/2016-8/2018 (\$10,000 subcontract).
7. Co-PD, Industry Clusters and the Location of Agriculture: Establishing a Theoretical Base for Economic Development Practice, USDA/NIFA competitive grant, with Rutgers University, 01/2017-12/2019, (\$350,000 total; \$130,000 sub).
8. *Director and Principal Investigator*, The Northeast Regional Center for Rural Development; USDA/National Institute of Food and Agriculture, 1999-present, renewed annually (>\$5,500,000 cumulative; \$474,880 current year).
9. Co-PD and subcontractor: Strengthening Economic Resilience in Appalachian Communities, Appalachian Regional Commission, with Downstream Strategies LLC and West Virginia University, 1/1/2017-12/31/2017 (\$130,000 total).
10. *Project Director*, LFRM: Local Food Resource Mapping Project, USDA NIFA and AMS, 2015-18, (\$800,000); sub-contracts with Cooperative Extension in 6 States and SRDC, WRDC.
11. *PI*, Network Analysis of the Kauffman Foundation's Twitter Accounts; Kauffman Foundation of Entrepreneurship, July 1, 2015- June 30, 2016, (\$31,186).
12. *PD*, Drivers of Rural Innovation and Implications for Community and Regional Economic Development, USDA/ERS, 9/30/2015- 9/30/2017; (\$130,000).
13. *PD*, Coop. Agreement, Assessing the Supplier Role of US Fresh Produce Value Chains, USDA/ERS, 9/30/2015- 8/31/2017; (\$44,788).
14. *Project Director*, AMSTA: The Agricultural Marketing Service Technical Assistance Program, USDA NIFA and AMS, 2014-18 (\$900,000); sub-contracts with Extension in all 50 States.
15. *Co-PI* (PI S. Inwood, Univ. of Vermont), Linking Health Care Reform and Economic Development in the Agriculture Sector, NIFA competitive grant, 2015-17 (\$500,000 total; \$6,868 subcontract)

16. *Co-PI* (PI, S. Loveridge, M. Skidmore, Michigan State Univ.), Department of Health and Human Services, SAMSHA Mental Health Outreach Program, CAPE I and II, 2013-17, (\$6,000,000)
17. *PI*, Kauffman Foundation, Kansas City, Missouri, grant to analyze the Million Cup entrepreneurs' Twitter account usage, Nov. 2013–Feb. 2014 (\$10,000)
18. *Project Director and PI*, The National Agricultural and Rural Development Policy (NARDeP) Center; NIFA PRC competitive grant #2012-70002-19385; 2012-2016 (\$768,000)
19. *Co-PI* (PI, D. De Ciantis, Penn State Extension Center Pittsburgh), eXtension competitive grant, Community of Practice: Community, Local and Regional Food Systems, 2012-13 (\$50,000)
20. *Project Director and Principal Investigator*, Enhancing Food Security of Underserved Populations in the Northeast through Sustainable Regional Food Systems, NIFA Global Food Security competitive grant #2011-68004-30057; 2011-2018 (\$5,000,000); sub-contracts with: Columbia, Cornell, Delaware State, Johns Hopkins, West Virginia State Universities and Universities of VT, MD-Eastern Shore; USDA Agricultural Research Service and Economic Research Service
21. *Co-PI* (PI F. Tegegne, Tenn. State Univ.), Enhancing the Viability of Underserved Small Farms and Rural Communities Using Insights from Network Science USDA/National Institute for Food and Agriculture Capacity Building competitive grants program, 2011-2014 (\$450,000)
22. *Co-PI* (PI K. 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# 2011-67023-30106, 7/1 2011-6/30, 2014 (\$472,669)
23. *Principal Investigator*, Coop. Agreement, USDA-ERS, Energy Use and Employment Impacts of a Healthier American Diet: A U.S. Multiregional Assessment, Sept. 2010-Aug. 2012 (\$97,833)
24. *Co-PI* (PI J. Deng, WVU and F. Boettner, Downstream Strategies) Appalachian Assessment of Natural Assets: Water; Appalachian Regional Comm. competitive grant, 2010-11 (\$248,150)
25. *Co-PI* (PI L. Beaulieu, SRDC) Stronger Economies Together, USDA Rural Development, 2010-2013 (\$2,000,000 national total, phases I-III)
26. *Co-PI* (PI G. Fazio, Cornell U) Specialty Crops Research conference grant - Apple Rootstock planning grant, Specialty Crops Research Initiative, 2009 (\$50,000)
27. *Co-PI* (PI R. Seem, Cornell U) Planning to Expand the New Knowledge Fusion Model: Spurring Innovations for Specialty Crops; planning grant, Specialty Crops Res. Init., 2009 (\$50,000)
28. *PI*, Kauffman Foundation, Kansas City, Missouri, sabbatical grant to study Spatial Variations in Returns to Self-Employment, Sept. 2005- Sept. 2006 (\$20,000)
29. *Project Director and PI*, Enhancing the Prosperity of Small Farms and Rural Agricultural Communities: Role of Industry Clusters, USDA-CSREES/NRI, Competitive Grants Program, September 2005-August 2009 (\$319,859)
30. *Co-PI*, PA Department of Labor and Keystone Research Center grant for research on food industry workforce development and industry clusters, with M. Shields, 2005 (\$21,000)

31. *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)
32. *Co-PI*, 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" Northeast workshop; M. Peabody (UVM) PI, (\$20,000) 2005
33. *Co-PI*, Health and Human Services Dept. (HHS) and Rural Policy Research Institute (\$15,000) funding of poverty conference and proceedings; RUPRI/Rural Poverty Research Center, 2005
34. *Co-PI*, 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
35. *Co-PI*, eXtension Communities of Practice, Building Local Economies of the Future: Entrepreneurship Education and Information Systems for Rural People and Places. \$75,000. L. Beaulieu (PI) and RRDCs, co-PIs, 2005
36. *Project Director and PI*, Wages, Jobs and the Environment: Policy Choices for Rural Communities, Phase II, USDA National Research Initiative (NRI), Competitive Grants Program, September 2003-August 2005 (\$72,888)
37. *PI*, Structural Determinants of Rural Poverty: An Expanded Analysis, USDA National Research Initiative (NRI), Competitive Grants Program, 2002-2003 (\$78,800)
38. *PI*, The Determinants of Spatial Variation in Food Stamp Program Participation Dynamics, Joint Center for Poverty Research at Northwestern Univ./U of Chicago, 2001-2002 (\$40,000)
39. *PI*, Wages, Jobs and the Environment: Policy Choices for Rural Communities, Phase I, USDA National Research Initiative (NRI), Competitive Grants Prg., Sept. 2000-Aug. 2001 (\$60,000)
40. *PI*, Assessing the Impacts of Welfare Reform, Southern Rural Development Center Competitive Grant, September 1998-August 1999 (\$36,000)
41. *Co-PI*, National Rural Electric Cooperatives Assoc., and KY Association of Electric Cooperatives, Electricity Deregulation Impacts on Rural Areas, 1997 (\$29,127), with D. Freshwater
42. *PI*, Determinants of Hi-Tech Industry Locations, Tennessee Valley Authority (TVA), Rural Studies, 1996-1997 (\$11,400)
43. *Co-PI*, Review of Rural Partnerships, TVA and Organization for Economic Cooperation and Development (OECD), 1996 (\$27,720), with D. Freshwater
44. *PI*, USDA/CSRS National Research Initiative (NRI), Competitive Grants Program, Human Capital and Economic Growth, 1993-95 (\$115,300)
45. *PI/Project Manager*, USDA/ERS/CED, cooperative agreement, 1993-95 (\$232,650)
46. *Co-PI*, USDA/ERS/CED, cooperative agreement 1993-94 (\$12,500), with J. Skees
47. *Co-PI*; Poverty Mapping Project, South. Rural Dev. Center, 1992-93 (\$13,000), with D. Debertin

Articles in Refereed Journals (accepted)

(Names of graduate student and post-doc advisees are underlined)

1. Khanal, A.R., F. Tegegne, S.J. Goetz, L. Li, Y. Han, S. Tubene, and A. Wetherill (2020) “Small and Minority Farmers’ Knowledge and Resource Sharing Networks, and Farm Sales: Findings from Communities in Tennessee, Maryland, and Delaware,” *J. Agr., Food Systems and Comm. Dev.*, accepted.
2. Goetz, S.J. and Y. Han (2020) “Latent Innovation in Local Economies” *Research Policy* 49 (2), 103909. Published Early Online. <https://doi.org/10.1016/j.respol.2019.103909>
3. Dobis, E.A., H.M. Stephens, M. Skidmore and S.J. Goetz (2020) “Explaining the Spatial Variation in American Life Expectancy,” *Social Science and Medicine*. <https://doi.org/10.1016/j.socscimed.2019.112759>
4. Han, Y. and S.J. Goetz (2019) “Measuring Network Rewiring Over Time,” *PLOS ONE* 14 (7).
5. Goetz, S.J. & Jaenicke, E. C. (2019). Introduction to the Special Issue: Advances in the Economic Analysis of Food System Drivers and Effects. *Agricultural and Resource Economics Review*, 48(3), 361-364.
6. Ge, F., Canning, P., Goetz, S. J. (Co-Author, 15%), Perez, A., & Li, J. (2019). Embedding Economies of Scale Concepts in the Model of Optimal Locations of Fresh Produce Aggregation Hubs. *Agricultural and Resource Economics Review*, 48(3), 365-387.
7. Dobis, E.A., N. Reid, C. Schmidt and S.J. Goetz (2019) “The Role of Craft Breweries in Expanding (Local) Hop Production,” *Journal of Wine Economics* 14(4): 9pp.
8. Tian, Z., P.D. Gottlieb and S.J. Goetz (2019) Measuring Industry Co-location Across County Borders,” *Spatial Economic Analysis*, 1-22.
9. Han, Y. and S.J. Goetz (2019). “Overlapping Labor Market Areas Based on Link Communities”. *Papers in Regional Science*. DOI: 10.1111/pirs.12326
10. Goetz, S.J., M. Davlasheridze, Y. Han and D. Fleming-Muñoz (2019) “Explaining the 2016 Vote for President Trump across U.S. Counties,” *Applied Economic Perspectives and Policy* ppy026.
11. Berger, A., T.W. Kelsey, S.J. Goetz, R.C. Goodling Jr, V.A. Ishler (2019) “Financial Impact of Penn State Extension's Know Your Numbers Dairy Program.” *J. of Extension* 57 (1), n1
12. Ge, H., Goetz, S.J., Gómez, M., Gray, R., Nolan, J. (2019) “Modeling Testing Mechanism for Mitigating Genetically Modified Wheat Contamination Risks,” *International Journal of Production Economics* 57(2):582-598.
13. Li, M. and S.J. Goetz (2019) “The Intergenerational Persistence of Self-Employment across China’s Planned Economy Era,” *Journal of Labor Economics* 37 (4):1301-1330.
14. Cleary, R., S.J. Goetz, D. Thilmany and H. Ge (2019) “Excess Competition Among Food Hubs,” *Journal of Agricultural and Resource Economics* 44(1):141–163.
15. Han, Y. and S.J. Goetz (2019). “Predicting U.S. County Economic Resilience from Industry Input-Output Accounts,” *Applied Economics* 51(19).
16. Goetz, S.J., M. Partridge and H. Stephens (2018) “The Economic Status of Rural America in the President Trump Era,” *Applied Economic Policy Perspectives* 40(1): 97-118.

17. Liang, J. and S.J. Goetz (2018). “Technology Intensity and Agglomeration Economies,” *Research Policy* 47(10).
18. Weber, B. J. Fannin, K. Miller and S.J. Goetz (2018). “Intergenerational Mobility of Low-Income Youth in Metropolitan and Non-Metropolitan America: A Spatial Analysis,” *Regional Science Policy & Practice* 10(2):87-101.
19. Li, M., S.J. Goetz and B. Weber (2018) “Human capital and intergenerational mobility in U.S. counties,” *Economic Development Quarterly* 32(1): 18-28.
20. Motoyama, Y., S.J. Goetz and Y. Han (2018). “Entrepreneurs’ Use of Twitter to Access Business Information.” *Journal of Small Business and Entrepreneurship* 30(3): 253-74.
<https://doi.org/10.1080/08276331.2018.1435187>
21. Ge, H., Canning, P., Goetz, S.J., Perez, A. (2018). “Effects of Scale Economies and Production Seasonality on Optimal Hub Locations: The Case of Regional Fresh Produce Aggregation.” *Agricultural Economics* 49: 157-169.
22. Ge, H., Goetz, S.J., Canning, P., Perez, A. (2018). “Optimal Locations of Fresh Produce Aggregation Facilities in the United States with Scale Economies.” *International Journal of Production Economics*. 197: 143-157.
23. Cleary, R., A. Bonanno, L. Chenerides and S.J. Goetz (2018) “Store Profitability and Public Policies to Improve Food Access in Non-Metro U.S. Counties,” *Food Policy* 75:158-170.
24. Inwood, S., A. Knudson F. A. Becot, B. Braun, S.J. Goetz, J. M. Kolodinsky, S. Loveridge, K. Morris, J. Parker, B. Parsons, R. Welborn and D. E. Albrecht (2018),” Health Insurance Reform as Part of National Farm Policy” *Choices* 33(1): on-line.
25. Ahearn, M., K. Liang and S.J. Goetz (2018) “Farm Business Financial Performance in Local Foods Value Chains,” *Agricultural Finance Review*. <https://doi.org/10.1108/AFR-08-2017-0071>
26. Li, M. and S.J. Goetz (2018) “The Intergenerational Persistence of Self-employment in China and the Transfer of Risk Attitudes,” *Journal of Labor Economics*, February 2019.
27. Davlasheridze, M., S.J. Goetz and Y. Han (2018) “The Effect of Mental Illness on US County Economic Growth,” *Review of Regional Studies*, 48:155-71.
28. Ge, H., Goetz, S.J., Gray, R., Nolan, J. (2018). “Modeling the Optimal Strategies for Mitigating Genetically Modified Wheat Contamination Risks.” *International Journal of Production Research*. 179, 228-238.
29. Griffie, D., L. James, S.J. Goetz, B. Balotti, Y-H. Shr, M. Corbin, T.W. Kelsey (2018), “Outcomes and Economic Benefits of Penn State Extension’s Dining with Diabetes Program,” *Preventing Chronic Disease*, 15 (May).
30. Peters, C.J., K. Clancy, C.C. Hinrichs and S.J. Goetz (2017) “Introduction to the EFSNE Project Collection of Papers,” *J. Agric., Food Systems, and Comm. Dev.*, 7(4): 159-162, doi:<http://dx.doi.org/10.5304/jafscd.2017.074.019>.
31. Goetz, S.J. and M. Davlasheridze (2017) “State-Level Cooperative Extension Spending and Farmer Exits,” *Applied Economic Perspectives and Policy* 39(1): 65-86.

32. McDavid, C., S.J. Goetz, L. Hossfeld, S. Turner, M. Skidmore, D. Albrecht, S.M. McCullough, A.P. Perez, A. Davis, T. Woods, J. Rossi, A.L. Meyer, S. Jakes, B. Bowen, J. Lelekacs, S. Brown, M. Apel, T. Teegerstrom, D. Knipe, D. Sears Smith, and T. Bowman (2017). "The Local Foods Resource Mapping Project" Extended Abstract in *Journal of Food Distribution Research*, 48(1): 113-115.
33. Fan, Q., S.J. Goetz and J. Liang (2016) "The Interactive Effects of Human Capital and Quality of Life on Economic Growth," *Applied Economics* 48 (53): 5186-5200.
34. Houtian, Ge, Nolan, J., Gray, R., Goetz, S., Han, Y. (2016). Supply Chain Complexity and Risk Mitigation – A Hybrid Optimization-Simulation Model. *International Journal of Production Economics* 179, 228-238.
35. Reimer, A., Y. Han, S.J. Goetz, S. Loveridge and D. Albrecht (2016) "Word Networks in U.S. Rural Policy Discourse," *Applied Economic Perspectives and Policy*, 38(2): 260-275.
36. Goetz, S.J. (2016) "The Roles of Agricultural Economists in Food Systems Research," *Agricultural and Resource Economics Review* 45 (3), 419-435.
37. Liang, J. and S.J. Goetz (2016) "Self-Employment and Trade Shock Mitigation," *Small Business Economics*, 46: 45-56.
38. Li, M., S.J. Goetz, M.D. Partridge and D. Fleming (2016) "Location Determinants of High Growth Firms," *Entrepreneurship and Regional Development* 28: 97-125. DOI: 10.1080/08985626.2015.1109003.
39. Goetz, S.J., M. Davlasheridze and Y. Han (2015) "County-Level Determinants of Mental Health, 2002-2008," *Social Indicators Research*, 124(2): 657-670.
40. Han, Y. and S.J. Goetz (2015) "The Economic Resilience of U.S. Counties During the Great Recession," *Review of Regional Studies*, 45: 131-149.
41. Etemadnia, H., S.J. Goetz, P. Canning and M.S. Tavallalid (2015) "Optimal Wholesale Facilities Location within the Fruit and Vegetables Supply Chain with Bimodal Transportation Options: An LP-MIP Heuristic Approach," *European Journal of Operational Research*. 244(2): 648-661.
42. Goetz, S.J. and A. Rupasingha (2014) "The Determinants of Self-Employment Growth: Insights from County-Level Data, 2000-2009," *Economic Development Quarterly*. 28(1): 42-60.
43. Brown, J., S.J. Goetz, M. Ahearn and K. Liang (2014) "Linkages Between Community-Focused Agriculture, Farm Sales, and Regional Growth" *Economic Development Quarterly*. 28(1): 5-16.
44. Han, Y., S.J. Goetz, T. Kim and J. Lee (2013) "Estimating Latent Migration from Overlapping Migration and Commuting Networks," *Growth and Change* 44(3): 474-493.
45. Etemadnia, H., A. Hassan, S.J. Goetz and K. Abdelghany (2013) "Wholesale Hub Locations in Food Supply Chain Systems," *Transportation Research Record*, 2379(1): 80-89.
46. Rupasingha, A. and S.J. Goetz (2013) "Self-Employment and Local Economic Performance: Evidence from US Counties," *Papers in Regional Science*. 92(1): 141-161.

47. Bonanno, A. and S.J. Goetz (2012) "Food Store Density, Nutrition Education, Eating Habits and Obesity," *International Food and Agribusiness Management Review*, 15(4).
48. Goetz, S.J., D.A. Fleming and A. Rupasingha (2012) "The Economic Impacts of Self-Employment," *Journal of Agricultural and Applied Economics*, 44(3): 315-321.
49. Han, Y., S.J. Goetz, J. Lee and S. Yoon (2012) "Simulating Network Structures Using Bernoulli's Principles," *Advances in Complex Systems*. 15(4): 14pp.
50. Bonanno, A. and S.J. Goetz (2012) "The Local Economic Impact of Wal-Mart," *Economic Development Quarterly*, 26(4): 285-297.
51. Goetz, S.J., A. Rupasingha and S. Loveridge (2012) "Social Capital, Religion, Wal-Mart, and Hate Groups in America," *Social Science Quarterly*. 93(2): 379-93.
52. 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.
< **selected as Editors' Choice Article in this issue >.
53. Fleming, D. and S.J. Goetz (2011) "Does Local Firm Ownership Matter?" *Economic Development Quarterly*. 25(3): 277-81.
54. 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.
55. 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.
56. Goetz, S.J., Y. Han, J. Findeis and K. Brasier (2010), "U.S. Commuting Networks and Economic Growth: Measurement and Implications for Spatial Policy," *Growth and Change*, 41(2): 276-302.
57. 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.
58. 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.
59. 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.
60. 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.
61. 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.
62. Shrestha, S.S., S.J. Goetz, and A. Rupasingha (2007), "Proprietorship Formations and US Job Growth," *Review of Regional Studies*. 27(2): 146-168.

63. 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.
64. Goetz, S.J. (2007), "The Economic Case for State-Level Land Use Decision-Making," *Journal of Regional Analysis and Policy*. 37(1): 20-24.
65. 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.
66. 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.
67. Swaminathan, H. and S.J. Goetz (2007), "The 'Retail Revolution': Do We Know Enough?" *Economic and Political Weekly*, April 7: 1246-1247.
68. Rupasingha, A. and S.J. Goetz (2007), "Social and Political Forces as Determinants of Poverty," *Journal of Socio-Economics*. 36(4): 650-671.
69. Goetz, S.J. and A. Rupasingha (2006), "Wal-Mart and Social Capital," *American Journal of Agricultural Economics*. 88(5): 1304-1310.
70. Rupasingha, A., S.J. Goetz and D. Freshwater (2006), "The Production of Social Capital in U.S. Counties," *Journal of Socio-Economics*. 35(1): 83-101.
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57. Fleming, D., Y. Han and S.J. Goetz (2016) "Economic Complexity, Connectivity and Regional Resilience" pres. at the Regional Urban and Spatial Economics conference, Southwestern University of Finance and Economics, Chengdu, China, June 3rd – 4th.
58. Ge, F., P. Canning, S.J. Goetz and A. Perez (2016) "Embedding Economies of Scale Concepts for Modeling Optimal Locations of Fresh Produce Assembly Hubs," pres. at the

Regional Urban and Spatial Economics conference, Southwestern University of Finance and Economics, Chengdu, China, June 3rd – 4th.

59. Han, Y., S.J. Goetz and H. Ge (2016) Modeling the Spatial Food Supply Network based on Geography, Distance, and Competition, selected paper presented at the 55th Meeting of the Southern Regional Science Association, Arlington, VA, March 31-April 2.
60. Ge, H., P. Canning, S.J. Goetz and A. Perez (2016) Optimal Locations of Fresh Produce Supplier Hubs in the United States, selected paper presented at the 55th Meeting of the Southern Regional Science Association, Arlington, VA, March 31-April 2.
61. Goetz, S.J., Y. Han and D. Fleming (2016), Economic Complexity and Regional Resilience, AARES (Australian Agricultural and Resource Economics Association) 60th Annual Conference, Canberra, Australia, Feb. 1-5, 2016.
62. Goetz, S.J. et al. 2015 Network Analysis of the EFNSE Team, presented at the December project capstone conference, Greenbelt, MD, December 2015.
63. Goetz, S.J. Local Food Systems Research at the NERCRD. Presented at the Penn State Center Pittsburgh, December 1, 2015; included members of the local funders' community.
64. Goetz, S.J. (2015) A Review of Food Systems-Related Research at the Northeast Regional Center for Rural Development. Presented to the Dept. of Ag. and Resource Economics, Colorado State University, Fort Collins, CO, October 5, 2015.
65. Goetz, S.J., The Role of Community Economic Development in Ag Econ Departments, presented at the National Ag Econ Department Heads annual meeting, Washington, DC, Sept. 26, 2015.
66. Goetz, S.J. An Overview of Food Systems Research at the NERCRD. Presented to the Southern Region Development Center Local and Regional Foods Workshop, Crystal City, VA, August 11-13, 2015.
67. Ge, Houtian, P. Canning and S. Goetz, Assessing the Supplier Role of Selected Optimal Locations of Fresh Produce Assembly Hubs in the United States. Presented at the 2015 Agricultural and Applied Economics Association and Western Agricultural Economics Association Annual Meeting, San Francisco, CA, July 26-28, 2015.
68. Goetz, S.J., The Place of Rural and Community Economic Development in Ag Econ Departments, Presented at the 2015 Agricultural and Applied Economics Association and Western Agricultural Economics Association Annual Meeting, San Francisco, CA, July 26-28, 2015.
69. Han, Yicheol and S.J. Goetz. Workplace-anchored migration in US Counties. Presented at the 2015 Agricultural and Applied Economics Association and Western Agricultural Economics Association Annual Meeting, San Francisco, CA, July 26-28, 2015.
70. Goetz, S.J. and Y. Han, Modeling Overlapping Commuting Networks, Presented at the 2015 Agricultural and Applied Economics Association and Western Agricultural Economics Association Annual Meeting, San Francisco, CA, July 26-28, 2015.
71. Goetz, S.J. and Y. Han (2015) [Evaluation of Rural Area Classifications Using Statistical Modeling](#), presented at the Workshop on Rationalizing Rural Area Classifications, National Academy of Sciences, US Department of Agriculture, Washington, DC, May 9.

72. Li, M., S.J. Goetz, and B. Weber. County-Level Determinants of Intergenerational Economic Mobility. Presented at the 2015 Federal Research Community Development Conference, Washington, DC, April 2-3, 2015
73. Goetz, S.J. Opportunities for Engaging with the NERCRD, presented at the University of Maine, Department of Agricultural Economics. February 25, 2015.
74. Rural Development Trends and Issues in the Northeast US. Presented by Stephan J. Goetz at the Northeast Regional Rural Development Community and Economic Development Meeting, August 25-28, 2014, Boston, MA, <http://goo.gl/InLJgA>
75. Economic Development Priorities for Federal Statistical Data. Presented by Stephan J. Goetz at the AAEA meeting in Minneapolis, MN July 27-29, 2014. <http://goo.gl/dR0ttB>
76. Socio-Economic and Demographic Change in Pennsylvania: Implications for Extension. Presented at the 2014 Penn State Extension Conference, April 22, 2014, University Park, PA. <http://goo.gl/M8VCsj>
77. Marasteanu, I.J., C. Liang, and S.J. Goetz. (2014). Spatial and Cluster Analysis for Multifunctional Agriculture in New England. Poster pres. at AAEA July 27-29, 2014.
78. Marasteanu, I.J., C. Liang, and S.J. Goetz. (2014). Multifunctional Activities in New England Farms: Success and Continuation. Poster presented at AAEA July 27-29, 2014.
79. Liang, J. and S.J. Goetz (2014). The Role of Self-Employment in Mitigating Trade Shocks of Chinese Imports on US County Labor Markets. Paper presented at AAEA July 27-29, 2014.
80. Rocker, S., K. Devlin, and S.J. Goetz (2014). "Enhancing Food Security in the Northeast through Regional Food Systems. Poster presented at eXtension CLRFS 2014 Food Security Conference, Cleveland, Ohio. September 29 - October 1, 2014.
81. Enhancing Food Security in the Northeast through Sustainable Regional Food Systems. Presented at the 2014 AFRI Food Security Sustainable Food Systems Project Director Workshop at NIFA, Washington, DC, September 29, 2014
82. Panel Presentation to Congressional Staffers with other RRDC directors, Washington, D.C., September 3, 2014
83. Regional Approaches to Rural Vitality. Presented by the RRDC leadership team to the leadership of NIFA on May 28-29, 2014. <http://goo.gl/LVkelQ>
84. Etemadnia, H. and S.J. Goetz, "Optimal Transportation Network Hub Locations in Food Supply Chain Systems." Poster presented at the Agricultural and Applied Economics Association Annual Meeting, August 12-14, 2012, Seattle, WA. (pres. by Etemadnia) <http://ageconsearch.umn.edu/bitstream/125014/1/AAEA-draft%207.pdf>
85. Brown, J.P., S.J. Goetz, and D.A. Fleming. "Multifunctional Agriculture and Farm Viability in the United States." Presented at Agricultural and Applied Economics Association Annual Meeting, August 12-14, 2012, Seattle, WA. (pres. by Brown)
86. Bonanno, A., L. Chenerides and S. Goetz, "Food Deserts as Equilibrium Outcomes: An Empirical Analysis," *selected paper* at the AAEA/EAAE conference on "Food

Environment: The Effects of Context on Food Choice,” Tufts U., May 30-31, 2012.
(presented by Bonanno)

87. Goetz, S. “Invasive Plant Species Forum: Effective Team Building,” invited pres., The Northeast Research Association, USDA Beltsville ARS Campus, MD, March 22, 2012.
88. Goetz, S. “Northeast Food Systems Forum: A regional perspective on food systems data,” invited presentation, The Northeast Extension Directors’ Association, USDA Beltsville ARS Campus, MD, December 11, 2011.
89. Goetz, S. et al. “Enhancing Food Security in the Northeast Through Regional Food Systems Development,” project presentation at Annual Northeast Sustainable Agriculture Working Group meeting, Albany, N.Y., Nov. 2011.
90. Goetz, S., B. Deaton, L. Schaeffer and Y. Han, “Examining the Effect of Natural Resource Dependence on Dispersion Patterns of Rural Out-Migrants” invited symposium pres. at the American Applied Economics Association - Northeast Agricultural and Resource Economics Association Joint Meeting, Pittsburgh, PA, June 2011.
91. Goetz, S.J. “Network Science Applications to Food Systems Development,” invited pres., Northeast Food Systems Meeting; Beltsville USDA-ARS, March 15-16, 2010.
92. Goetz, S.J. Insights from Social Network Analysis for Rural partnership formations, Partners for Rural America Northeast Meeting, Burlington, VT, April 12-13, 2010.
93. Goetz, S.J. Your Town Workshop in Luzerne County, Landscape Architecture Program (NEA grant-funded), Sep. 30-Oct. 1, 2010.
94. Goetz, S.J., Workforce Development and Outreach Office at Penn State on Social Network Analysis (two different presentations); Nov. 30 and Dec. 10, 2010.
95. Goetz, S.J. *Social Networks and Food System Sustainability: Implications and Opportunities for Educators*, presentation at The Sustaining Rural Communities Conference Asheville, North Carolina, April 26-27, 2010.

Plus 85 Professional Presentations 1990-2009

ADDITIONAL EVIDENCE OF NATIONAL AND INTERNATIONAL RECOGNITION

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

- Invited talk at the University of Nevada, Reno, April 10, 2020
- Presidential Address, NARSC, Pittsburgh, PA, November 2019
- Keynote at NAREA Annual meeting, Portsmouth, 2019
- Keynote at NERA/NEED annual Summer meeting, 2018
- Allied Social Sciences Association, annual meeting, Invited Presentation on Spatial Inequities in Opioids Overdoses, Philadelphia, PA, Jan. 5, 2018.
- External Review Team Member, ERS Program Review Panel for the USDA’s Economic Research Service Farm and Rural Performance and Policy program area, Dec. 11-12, 2017.

- University of Melbourne, VURRN (Victoria Universities Regional Research Network), and University of Canberra, NATSEM (National Center for Social and Economic Modeling), presentations on economic resilience, January 2 and 4, 2016.
- Ohio State University, Network Science Applications to Food Systems, April 22, 2016.
- Agricultural Council of Maine, presentation on Food Systems, February 24, 2015.
- Knight Foundation Roundtable, Civil Learning Innovation Lab, June 2014
- Atlanta Federal Reserve Bank, Conference on Poverty, invited speaker: December 2013
- Northeast Climate Change Conference, Cornell University and the University of Guelph, Canada, invited speaker on the role of networks; Syracuse, NY: December 2013
- External Review Team Member, Dept. of Agricultural Economics, Development and Environment, The Ohio State University, April 1-4, 2012
- Board of Governors of the U.S. Federal Reserve System conference, The Determinants of Rural Self-Employment, invited speaker, Washington, DC, Nov. 9, 2011
- 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, October 2009
- Pulver-Shaeffer Memorial Seminar Series, invited speaker, University of Wisconsin, February 2009
- Expert 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 Univ., *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.

Consulting/Other

- Abt Associates; Management Systems International (MSI)
- Appalachian Regional Commission
- Harvard University, Taubman Center
- Industrial Economics, Inc.
- Kauffman Foundation of Entrepreneurship
- Kentucky Long-Term Policy Research Center
- Kentucky Science and Technology Council, Inc.
- Lincoln Land Institute
- Madisonville Community College, BITAC (Business & Industry Training Assistance Center)
- Michigan State University

- Northwest Area Foundation, Minneapolis, MN
- The Ohio State University
- Tennessee Valley Authority (Rural Studies)
- University of KY/University of Louisville Joint Center for the Study of Educational Policy
- USAID/Nairobi, Kenya; USAID/Bamako, Mali and USAID/Cairo, Egypt
- USDA/Economic Research Service
- Wake Forest University Economics Department and BBB
- West Virginia University

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

1. *Agricultural Economics: The Jrnl. of the International Association of Agric. Economists*
2. *Agriculture and Human Values*
3. *Agricultural and Resource Economics Review*
4. *American Journal of Preventive Medicine*
5. *American Journal of Agricultural Economics**
6. *American Political Science Review*
7. *Cambridge Journal of Regions, Society and Economics*
8. *Canadian Journal of Agricultural Economics*
9. *Cities*
10. *Contemporary Economic Policy*
11. *Eastern Economic Journal*
12. *Ecological Economics*
13. *Economic Change and Restructuring*
14. *Economic Development and Cultural Change**
15. *Economic Development Quarterly* (The Journal of American Economic Revitalization)*
16. *Economic Inquiry*
17. *Economic Geography*
18. *Economic Journal* (UK)
19. *Economic Systems Research*
20. *Entrepreneurship and Regional Development* (An International Journal)
21. *Entrepreneurship Research Journal*
22. *European Review of Agricultural Economics*
23. *Growth and Change: A Journal of Urban and Regional Policy**
24. *International Regional Science Review*
25. *International Review of Economics and Finance*
26. *Journal of Agricultural and Applied Economics**
27. *Journal of Agricultural and Resource Economics**
28. *Journal of Agricultural Economics* (UK)
29. *Journal of Agriculture, Food Systems, and Community Development*
30. *Journal of Applied Economics*
31. *Journal of Behavioral and Experimental Economics* (formerly *J. Socio-Economics*)
32. *Journal of Business Venturing*
33. *Journal of Development Studies*
34. *Journal of Entrepreneurship and Public Policy*
35. *Journal of Environment and Development*
36. *Journal of Productivity Analysis*

37. *Journal of Real Estate Finance and Economics*
38. *Journal of Regional Analysis and Policy*
39. *Journal of Regional Science**
40. *Journal of Research in Rural Education*
41. *Journal of Rural Studies (UK)*
42. *Journal of Small Business and Entrepreneurship*
43. *Journal of the Community Development Society**
44. *Letters in Spatial and Resource Science*
45. *Networks and Spatial Economics*
46. *Nonprofit and Voluntary Sector Quarterly*
47. *Papers in Regional Science*
48. *Planning Education and Research*
49. *Politics and Policy*
50. *Public Choice*
51. *Regional Science and Urban Economics*
52. *Regional Studies (UK)*
53. *Review of Agricultural Economics/Agricultural Economics and Public Policy**
54. *Review of Economics and Statistics*
55. *Review of Regional Studies**
56. *Review of Social Economy*
57. *Revue d'Etudes en Agriculture et Environnement/Review of Agric. & Environmental Studies*
58. *Rural Sociology*
59. *Small Business Economics**
60. *Social Indicators Research*
61. *Social Problems*
62. *Social Science Quarterly**
63. *Social Science Research*
64. *The Sociological Quarterly*
65. *Southern Rural Sociology*
66. *Spatial Economic Analysis*
67. *Tropical Agriculture*
68. *Urban Studies*
69. *World Development*

Work featured in public media, etc.

Results of my research have been reported in newspaper or magazine articles nationally and internationally, including among others The Wall Street Journal, Forbes, The Guardian (UK), Christian Science Monitor, Fast Company, US News and World Report, Toronto Sun (Canada), Times of India, Washington Post, Philadelphia Inquirer, USA Today and Atlanta Journal Constitution, and carried by AP and UPI. Results have been featured on C-SPAN as well as on local and national television and radio stations, including SiriusXM and live interviews with stations such as KGO 810/ABC News in San Francisco, KQV NewsRadio in Pittsburgh, PA, NPR Wisconsin and NPR Mountain West, and by the Huffington Post. Also appeared on live radio talk show in Montreal, Canada.

Research Proposals Reviewed

NSF and NIFA Grants Program, panel member (multiple times);
National Science Foundation (NSF), multiple reviews
Israel National Science Foundation (INSF)
Social Science Research Council, Ottawa, Canada
TVA Rural Studies, multiple reviews
Kentucky EPSCOR; Louisiana EPSCOR
USDA-SBIR, 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, various years; *Rural Transportation at a Glance*, 2004. Also reviewed other ERS publications, various years.

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

Cornell University (senior extension associate; associate professor; professor x2)
Clemson University (professor)
West Virginia University (associate professor)
University of Connecticut (senior extension educator)
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)
Oklahoma State University (associate professor)
Rutgers University (associate professor)
North Carolina State University (professor)
Texas A&M University (extension associate professor x2)
University of Illinois (associate professor; professor)
University of Kentucky (associate professor; professor)
University of Maine (associate professor; professor)
University of Minnesota (associate extension professor; professor)
University of Nevada, Reno (Professor)
University of Georgia (professor)
University of Colorado, Economics Department (professor)

Conference Organizer (see also NE Center website)

Various workshops at the Northeast Regional Center for Rural Development (1999-present)
National Academies of Science, Economic Research Service, workshop on rural codes, 2016
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)

TEACHING PROGRAM

Courses Taught, selected (*=newly developed course)

Graduate

Economic Development: Advanced Topics (on-line)*
Regional and Rural Economic Development
Agriculture and Economic Development

Undergraduate

Principles of Economic Development* (co-developed)
Macroeconomics of Agriculture*
Economics of Food and Agriculture
Regional Economics*

Academic Advising

Cumulative totals (thesis advising)

Over 25 undergraduate students; over 12 M.Sc. students; over 15 Ph.D. students;
10 post-docs. In addition, I have served on numerous Ph.D. committees.

AgriBusiness Student Club

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

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).

UNIVERSITY SERVICE

Committee Service

Regional/National (not listed elsewhere)

Service on two committees listed above under Honorary Positions (p.2), 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)
Environment and Natural Resource Institute
Member, Pennsylvania Diversity Catalyst Team (appointed by Associate Vice President for Outreach and Director of Cooperative Extension);

At the University of Kentucky

Survey Research Center; Kentucky Survey Review Committee; member (UK Research & Graduate Studies).
Social Sciences Computing Advisory Committee; member
Graduate School, Outside Diss. Reviewer, Dept. of Econ; Dept. of Finance
Merit Scholarship Office, review of Merit Scholar applications

College

At Penn State University

Agricultural Entrepreneurship Committee
Selection committee member, Buck award for outstanding research
Selection committee member, internal competitive graduate student grants

At the University of Kentucky

Periodic Review Committee, Department of Agricultural Economics
Agricultural Econ. Chair Search Committee
Member, Library Committee
Member; *ad hoc* committee for selection of Internships in Israel
Member, Hatch Project Review Committee, KY Agricultural Experiment Station
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
Doctoral Examination Committee
Areas of Excellence Committee, member

Awards and Nomination Committee
Tenure and Promotion Committee, member
Seminar Committee, member
Library Committee, member
ad hoc committee work:

chair, committee preparing an application to the Environmental Consortium
member, committee preparing a description for land use faculty position

At the University of Kentucky

Chair: Research Committee

Member:

Library Committee
Department Executive Committee
Faculty Search Committees: Agribusiness; Risk; and Development positions
Graduate Program and Admissions Committees
Departmental Support; Undergrad. Program; Research; and GEN 101 Committees
WWW Department Homepage Committee
Search Comm. for AgriBusiness Faculty position
Preliminary Exam. Committee, Co-administered prel. Ph.D. exams.
Department Research Committee. Reviewed manuscripts submitted to the dept's refereed
Research Report Series. Also reviewed departmental research proposals as member of
College Hatch Project Review Committee.
Undergrad. Program Comm.; reviewed undergrad. program curriculum, etc.
Reference Room Design and Utilization Committee (*ad hoc*)
Programmer Search Committee (*ad hoc*)
Graduate Program Committee; reviewed grad. curriculum, assistantship stipends, etc.
Committee for Improving Communications with Alumni (*ad hoc*)
Department Strategic Planning Committee; Committee formulated dept. goals and objectives,
and established criteria for measuring progress in context of the Univ. Self-Study Program.
Faculty Support Committee

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].