

CURRICULUM VITAE

NAME

Martin Shields

ADDRESS

C-323 Clark Building
1771 Campus Delivery
Colorado State University
Fort Collins, CO 80523

PHONE

970.491.2922

EDUCATION

- 1998 PhD, Agricultural and Applied Economics, University of Wisconsin-Madison
- 1991 MS, Agricultural Economics, The Pennsylvania State University
- 1989 BA, Economics/International Relations, Michigan State University

ACADEMIC POSITIONS

(2006-present) Associate to Professor, Economics, Colorado State University
(1998-2006) Assistant to Associate Professor, Agricultural Economics, The Pennsylvania State University. Promoted in 2004.

OTHER POSITIONS

(1991-1993) Economist, Economic Research Service/USDA, Washington DC

CURRENT JOB DESCRIPTION

Applied research focuses on economic growth and development in Colorado, especially Northern Colorado. My research activities examine the spatial attributes of employment growth; the role of amenities and economic growth in migration decisions; and understanding policy options to promote targeted industry sectors, including clean energy. I also teach a graduate class in regional economics and an undergraduate class in macro economics.

30 % Teaching 20 % Research/Creative Activity 50 % Service/Outreach

TEACHING

<u>Year</u>	<u>Semester</u>	<u>Course No./Title</u>	<u>Cr. Hrs</u>	<u>Enrollment</u>
2011	Fall	Econ 563	3	21
2011	Summer	Econ 204	3	34
2011	Spring	Econ 204 (honors)	3	18
2010	Summer	Econ 204	3	32
2010	Spring	Econ 204 (honors)	3	14
2009	Fall	Econ 563	3	9
2009	Summer	Econ 204	3	24
2009	Fall	Econ 563	3	11
2009	Fall	Econ 204 (FTU)	3	80
2009	Summer	Econ 204	3	23
2008	Fall	Econ 410	3	15
2008	Fall	Econ 563	3	7
2008	Summer	Econ 410	3	9
2007	Fall	Econ 410	3	23
2007	Fall	Econ 563	3	10
2007	Spring	Econ 410	3	35
2007	Spring	Econ 463	1.5	40
2006	Fall	Econ 563	1.5	7

PUBLISHED WORKS

Refereed Journal Articles:

Dudensing, R., D. Hughes and M. Shields. (2011). "Perceptions of Tourism Promotion and Business Challenges: A Survey-Based Comparison of Tourism Businesses and Promotion Organizations" *Tourism Management*.

Grassmueck, G. and M. Shields. (2010). "Does Government Fragmentation Enhance or Hinder Metropolitan Economic Growth?" *Papers in Regional Science*. 89(3):641-657.

Shields, M., D. Mushinski and L. Davis. (2009). "Provision of Employer-Sponsored Health Insurance in Small Businesses: Does Rural Matter?" invited paper *Review of Regional Studies*. 39(1):129-147.

Shields, M. (2009). "What explains the growing metro/nonmetro gap in employment-based health insurance?" *Choices*. 24(4).

Grassmueck, G., S. 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.

Hughes, D. and M. Shields. (2007). "Revisiting Tourism's Regional Economic Impact: Accounting for Secondary Household Employment" *Review of Regional Studies*. 37(2):186-206.

- Shields, M. and M. Kures. (2007). "Black Out of the Blue Light: An Analysis of Kmart Store Closing Decisions" *Journal of Retailing and Consumer Services* 14(4):259-268
- Shields, M. and A. Snyder. (2007). "Building a 21st Century Rural Workforce" *Journal of Regional Analysis and Policy* 37(1): 40-43.
- Jaenicke, T., M. Shields and T. Kelsey. (2007). "Food Processors' Use of Contracts to Purchase Agricultural Inputs: Evidence from a Pennsylvania Survey" *Agricultural and Resource Economics Review*.
- Shields, M. and D. Shideler. (2004). "Do Commuters Free Ride? Estimating the Impacts of Interjurisdictional Commuting on Local Public Goods Expenditures," *Journal of Regional Analysis and Policy*. 33(1):27-42.
- Shields, M., J. Stallmann and S. Deller. (2004). "The Economic and Fiscal Impacts of the Elderly on a Small Rural Region," *Journal of the Community Development Society*.
- Macke, D., D. Hirasuna, C. Fluharty and M. Shields. (2004). "Regional Scientists are Talking: Is Anybody Listening?" *Journal of Regional Analysis and Policy*. 33(1):81-97.
- Shields, M. and F. Willits. (2003). "The Growing Importance of the Green Industry in the Agricultural Economy of the Northeast," *Agricultural and Resource Economics Review*. 32(2):259-71.
- Shields, M. and S. Deller. (2003). "Using Economic Impact Models as an Educational Tool in Community Economic Development Programming: Lessons from Pennsylvania and Wisconsin," *Journal of Extension* (41):3 <http://www.joe.org/joe/2003june/a4.shtml>.
- Shields, M. and J. Novak. (2003). "An Examination of the Effects of Employment Growth on Unemployment Rates in Rural Pennsylvania," *Pennsylvania Economic Review*. (12)1:36-50.
- Farrigan, T., J. Halstead, and M. Shields. (2001). "Fiscal Impact Model: FIT-4-NH," *Review of Regional Studies* 31(1):13-38.
- Stallmann, J., S. Deller and M. Shields. (2001). Aging and the Rural Economy. *Public Policy & Aging Report* 12(1).
- Shields, M., S. Deller and J. Stallmann. (2000). "Comparing the Impacts of Retiree versus Working-Age Families on a Small Rural Region: An Application of the Wisconsin Economic Impact Modeling System," *Agricultural and Resource Economics Review* 30(1):20-31.
- Shields, M. and D. Swenson. (2000). "An Industry-level Analysis of Commuting's Response to Employment Growth," *Journal of Regional Analysis and Policy* 30(2):81-94.

- Shields, M., S. Deller and J. Stallmann. (2000). "Simulating the Economic and Fiscal Impacts of High and Low Income Elderly on a Small Rural Region," *Review of Regional Studies* 29(2):159-75.
- Deller, S., J. Stallmann and M. Shields. (1999). "The Economic and Fiscal Impacts of Aging Retirees on a Small Rural Region," *The Gerontologist* 39(5):599-610.
- Shields, M. and S. Deller. (1998). "Commuting's Effect on Local Retail Market Performance," *Review of Regional Studies* 28(2):71-90.
- Deller, S. and M. Shields. (1998). "Economic Impact Modeling as a Tool for Community Economic Development," *Journal of Regional Analysis and Policy* 28(2).
- Deller, S., N. Walzer and M. Shields. (1998). "Support for Economic Development Strategies: A Micro Economic Analysis," *The Journal of Regional Analysis and Policy* 28(2):71-90.
- Ollinger, M., A. Aspelin and M. Shields. (1998). "US Regulation and New Pesticide Registration and Sales," *Agribusiness: An International Journal* 14(3):199-212.
- Deller, S., M. Shields and D. Tomberlin. (1996). "Price Differentials and Trends in State Income Levels: A Research Note," *Review of Regional Studies* 26(1):99-113.
- Shields, M., G. Rauniyar and F. Goode. (1993). "A Longitudinal Analysis of Factors Influencing Increased Technology Adoption in Swaziland, 1985-91," *The Journal of Developing Areas*, 27(4):469-484.

Refereed Chapters in Books:

- Shields, M., D. Barkley and M. Ahearn. (2009). "Industry Clusters and Industry Targeting" in *Targeting Regional Economic Development* Stephan Goetz, Steven Deller, and Tom Harris (eds.) Routledge Press.
- Deller, S., J. Leatherman and M. Shields. (2009). "Targeted Regional Economic Development as an Educational Tool" in *Targeting Regional Economic Development* Stephan Goetz, Steven Deller, and Tom Harris (eds.) Routledge Press.
- Goetz, S., Q. Wang and M. Shields. (2009). "Identifying Food Industry Clusters: A Comparison of Analytical Tools" in *Targeting Regional Economic Development* Stephan Goetz, Steven Deller, and Tom Harris (eds.) Routledge Press.
- Shields, M. (2002). "Providing Community Economic Analysis via Dynamic Web Pages: An Outline of Penn State's Educational Program for Analyzing Online Economic Data." In: *The Online Webbook of IT Innovations in Extension*. Stephan Goetz and Bruce DeYoung, eds. www.cas.nercrd.psu.edu/Publications/Webbook/wbHome.htm

Non-Refereed Chapters in Books:

Shields, M. (2006). "The Philosophy Underlying Community Policy Models" in *Community Policy Analysis Modeling* (T. Johnson, D. Otto, and S. Deller, eds.). Oxford: Blackwell publishing: 57-84.

Swenson, D. and M. Shields. (2006). "Software Development and Utilization" in *Community Policy Analysis Modeling* (T. Johnson, D. Otto, and S. Deller, eds.). 195-206.

Shields, M., S. Goetz and Q. Wang. (2005). "Out-Migration from the Northeast US: The Relative Roles of Economic and Amenity Differentials" in *Amenities and Rural Development: Theory, Methods, and Public Policy*. Northhampton, MA: Edward Elgar Publishing. (Green, G, S. Deller, and D. Marcouiller, eds.).

Non-Refereed Proceedings/Transactions:

Landis, E., A. Swinker, P. Tozer and M. Shields. (2003). "Equine Inventory, Basic Economic and Demographic Characteristics of Pennsylvania's Equine Industry." Proceedings of the Eighteenth Equine Nutrition and Physiology Symposium:76-81.

Shields, M., and S. Smith. (2002). "Are State Economic Development Programs Effective in Rural Areas?" *Agricultural and Resource Economics Review* 31(2):264.

Brewin D.G., and M. Shields. (2002). "Convergence of Income and Heterogeneity in the United States." *Agricultural and Resource Economics Review* 31(2):264.

Shields, M. (1999). "The Spatial Allocation of Employment Growth: An Analysis of Commuting by Industry," *Agricultural and Resource Economics Review* 28(2):233.

Farrigan, T., J. Halstead, M. Shields and D. Morris. (1999). "Bringing Fiscal Impact Modeling to the Community Level: The FIT-4-NH Model," *Agricultural and Resource Economics Review* 28(2):233.

Tomberlin, D., M. Shields and S. Deller. (1996). "Does Income Distribution Affect Regional Economic Growth?" *American Journal of Agricultural Economics* 78(5):1402.

Deller, S., Walzer, N. and M. Shields. (1996). "Supporting Local Economic Development Efforts: A Microeconomic Analysis," *American Journal of Agricultural Economics* 78(5):1406.

Deller, S., M. Shields and D. Tomberlin. (1994). "The Role of Regional Cost of Living Differences in the Regional Convergence/Divergence Debate," *American Journal of Agricultural Economics* 76(5):1268.

Ollinger, M., L. Aspelin and M. Shields. (1994). "Regulation and New Pesticide Product Size in the US Pesticide Industry," *American Journal of Agricultural Economics*, 76(5):1247.

Shields, M. and S. Daberkow. (1992). "Cropping Patterns and Insecticide Use in Cotton Production," *Proceedings from the Annual Meetings of the National Cotton Council of America*.

Other (e.g. lab texts, book reviews, technical reports, in-house reports):

- Kelsey, T, M. Shields, J. Ladlee and M. Ward. (2011). Economic Impacts of Marcellus Shale in Pennsylvania: Employment and Income in 2009. Penn State University.
- Shields, M., S. Cutler and M. Marturana. (2011). The Impacts of Colorado Telecommunications Association Members on the Colorado Economy. Regional Economics Institute. Colorado State University.
- Shields, M., M. Marturana. (2011). The Impacts of Hospitals on the Colorado Economy. Regional Economics Institute. Colorado State University.
- Shields, M., and M. Marturana. (2011). Did Colorado's Economy Lose a Decade? Regional Economics Institute. Colorado State University.
- Shields, M., and M. Marturana. (2011). The Beer Industry's Economic Impact in Larimer County. Regional Economics Institute. Colorado State University.
- Shields, M., H. Cutler, T. Iverson and M. Marturana. (2011). Estimating the Potential Employment and Revenue Impacts of the Proposed Fort Collins Solar Program for the City of Fort Collins. Regional Economics Institute. Colorado State University.
- Shields, M. and M. Marturana. (2011). An Asset Map for the Colorado Engines Cluster. Regional Economics Institute. Colorado State University.
- Shields, M. and M. Marturana. (2010). "Primary Employment Trends in Larimer County." Report prepared for Fort Collins Chamber of Commerce and Larimer County Workforce Center.
- Horvath, G., M. Shields and T. Zwirlein. (2009). "Colorado Workforce data Mining Project." Report prepared for Colorado Department of Labor and Employment and Colorado Workforce Centers. Available at:
http://leeds.colorado.edu/Centers_of_Excellence/interior.aspx?id=8038
- Shields, M. and D. Keyser. (2009). "Quantifying the Potential Economic Impacts of the Proposed Maxwell Ranch Wind Farm on the Larimer County Economy." Report prepared for CSU Research Foundation.
- Shields, M., and H. Cutler. 2009. "Created to Serve: Colorado State University's Impact on the State's Economy." Colorado State University.
- Shields, M., M. Aronson, D. Mushinski and D. Keyser. (2008). "What Explains Recent Increases in Poverty in Larimer County and Fort Collins?" Colorado State University. Available at <http://www.uwaylc.org/PathwaysPastPoverty/>.
- Shields, M. and D. Keyser. (2008). "Northern Colorado Economic Outlook." Colorado State University.
- Shields, M. and D. Keyser. (2008). "Around the State: Northern Colorado," in *Colorado Business Economic Outlook: 2009*. University of Colorado.

- Shields, M. and D. Keyser. (2007). "Northern Colorado Economic Outlook and Clean Energy," Colorado State University.
- Shields, M. and D. Keyser. (2007). "Northern Colorado Economic Outlook," in *Colorado Business Economic Outlook: 2008*. University of Colorado.
- Shields, M. and D. Keyser. (2006). "Northern Colorado Economic Outlook," in *Colorado Business Economic Outlook: 2007*. University of Colorado.
- Shields, M. and L. Davis. (2006). "A Rural-Urban Analysis and Comparison of Health Insurance Benefits Offered by Small Businesses." Center for Rural Pennsylvania.
- Shields, M., S. Goetz and Alan McConnell. (2005). "Workforce Development Challenges for Pennsylvania's Food Processing Industry." Keystone Research Center.
- Ferry, N., J. Findeis and M. Shields. (2005). "Workforce Development Challenges for Pennsylvania's Production Agriculture Industry." Keystone Research Center.
- Michael, J., and M. Shields (2005). "Workforce Development Challenges for Pennsylvania's Wood Products Industry." Keystone Research Center.
- Shields, M., D. Barkley and M. Emery. (2004). "Industry Clusters and Industrial Targeting: An Introduction." Electronic proceedings from the NERCRD Industry Targeting/Industry Clusters Workshop. <http://www.cas.nercrd.psu.edu/IndustryClusterWkspExtPapers.htm>
- Goetz, S. and M. Shields. (2004). "Bubble Chart Analysis of Industry Clusters." Electronic proceedings from the NERCRD Industry Targeting/Industry Clusters Workshop. <http://www.cas.nercrd.psu.edu/IndustryClusterWkspExtPapers.htm>
- Goetz, S., M. Shields, and Q. Wang. (2004). "Agricultural and Food Industry Clusters in the Northeast US: Technical Report." Regional Rural Development Paper 26. NERCRD. 73 pages.
- Shields, M. (2004). "Establishing a Nonprofit Organization." Sylvan Communities. Pennsylvania Urban and Community Forestry Council.
- Shields, M. and C. Vivanco. (2004). "Rural Pennsylvania in the New Economy." Center for Rural Pennsylvania. 22 pages. Picked up by several newspapers.
- Murray, C. and M. Shields. (2004). "Creel Analysis and Economic Impact of Pennsylvania's Lake Erie Tributary Fisheries in Erie County, Pennsylvania, with Special Emphasis on Landlocked Steelhead Trout (*Oncorhynchus mykiss*). October 1, 2003 – April 30, 2004." 38 pages. Pennsylvania Fish and Boat Commission.
- Shields, M., J. Stokes and JH Bae. (2004). An Analysis of Bank Consolidation Trends in Rural Pennsylvania. Center for Rural Pennsylvania. 62 pages.

- Shields, M. (2003). "The Hospital Sector's Contribution to the Pennsylvania State Economy." Healthsystem Association of Pennsylvania. 16 pages.
- Swinker, A., P. Tozer, M. Shields and E. Landis. (2003). "Pennsylvania's *Equine* Industry, Basic Economic and Demographic Characteristics." Pennsylvania Department of Agriculture. 22 pages + 2 Appendixes.
- Swinker, A., P. Tozer, M. Shields and E. Landis. (2003). "Pennsylvania's *Racehorse* Industry, Basic Economic and Demographic Characteristics." Pennsylvania Department of Agriculture.
- Shields, M. and C. Vivanco. (2003). "Rural Pennsylvania's "New-Economy": Identifying the Causes of Growth and Developing New Opportunities." Center for Rural Pennsylvania. 93 pages.
- Swinker, A., P. Tozer, M. Shields and E. Landis. (2003). "Pennsylvania Horsepower: Pennsylvania Equine Economic Impact Study." Penn State Cooperative Extension. 19 pp.
- Shields, M. (2003). "Using Employment Data to Better Understand your Local Economy: *Introduction.*" Penn State Cooperative Extension. 6 pp.
- Shields, M. (2003). "Using Employment Data to Better Understand your Local Economy: *Read Me First.*" Penn State Cooperative Extension. 6 pp.
- Shields, M. (2003). "Develop a 'Snapshot' of Important Local Indicators." Penn State Cooperative Extension. 6 pp.
- Shields, M. (2003). "Chart the Historical Performance of Key Economic Indicators." Penn State Cooperative Extension. 6 pp.
- Shields, M. (2003). "Use Location Quotients to Identify Local Economic Strengths, Opportunities and Industry Clusters." Penn State Cooperative Extension. 6 pp.
- Shields, M. (2003). "A Pennsylvania Internet Resource for Industry Employment and Occupation Projections." Penn State Cooperative Extension. 6 pp.
- Shields, M. (2003). "Qualitative Analysis Can Provide Unique Insights into Local Economic Performance." Penn State Cooperative Extension. 6 pp.
- Shields, M. (2002). "An Overview of Pennsylvania's Rural Economy." Penn State Cooperative Extension. 16 pp.
- Shields, M. and T. Farrigan. (2002). "Welcome Back Downtown." Center for Rural Pennsylvania. This manual for downtown revitalization is now in its second printing.
- Shields, M., S. Deller and J. Stallmann. (2002). "Does Retiree Household Income Matter? Comparing the Economic and Fiscal Impacts of Low and High Income Retirees in Rural Wisconsin," University of Wisconsin Center for Economic and Community Development Newsletter.

- Smith, S. and M. Shields. (2002). "Centre County Comprehensive Plan Update: Economic Analysis." Centre County Government.
- Shields, M. and S. Smith. (2002). "Retrospective of Economic Development Incentives." Center for Rural Pennsylvania. 83 pages.
- Willits, F. and M. Shields. (2001). "Pennsylvania's Green Industry: Its Nature and Contribution to the State's Economy." Pennsylvania Landscape and Nursery Association. 29 pages.
- Smith, S., T. Kelsey, C. Abdalla, M. Shields, K. Kephart and P. Patterson. (2001). "Economic and Fiscal Impacts of Agriculture in Pennsylvania Communities." Pennsylvania Department of Agriculture.
- Strauss, C., B. Lord, M. Powell, M. Shields and T. Kelsey. (2000). "Economic Impact of Pennsylvania's Hardwood Industry: Current Status and Proposed Growth." 66 pages. Pennsylvania Hardwood Development Council.
- Shields, M. and T. Farrigan. (2000). "A Manual for Small Downtowns." 123 pages. Center for Rural Pennsylvania.
- Kelsey, T., M. Shields and S. Smith. (1999). "A Tool for Understanding the Economic and Fiscal Impacts of Change," *Farm Economics*, Penn State Department of Agricultural Economics and Rural Sociology.
- Shields, M. (1999). "Helping Keystone Opportunity Zones Work in Your Community," *Rural Development Views*, Penn State Department of Agricultural Economics and Rural Sociology Spring 6(1).
- Farrigan, T., J. Halstead, M. Shields, D. Morris and E. Jansen. (1999). "FIT-4-NH: A Fiscal Impact Tool for New Hampshire Communities," Research Report 136, UNH Agricultural Experiment Station (September). 26 pp.
- Kelsey, T., M. Shields and S. Smith. (1998). "Development of a Pennsylvania-Specific Fiscal Impact Model: A Necessary Tool for Understanding the Impact of Land-Use, Economic and Policy Change in Pennsylvania." Center for Rural Pennsylvania.
- Shields, M. and J. Findeis. (1998). "How Might an Increase in the Minimum Wage Affect Pennsylvania Farms?" *Farm Economics*, Penn State Department of Agricultural Economics and Rural Sociology (Aug/Sept).
- Shields, M. (1995). "Examining Recent Trends in the Wisconsin Economy and the Implications for Local Development Strategies." *Community Economics*. University of Wisconsin-Extension. No. 226 (Aug).

CONTRACTS & GRANTS

Funded Projects as PI (Approximately \$453,000)

- Shields, M. (2011). "Benchmarking and Tracking Economic Performance of the Fort Collins Industry Clusters." City of Fort Collins. \$15,000.
- Shields, M. (2011). "An Asset map for Colorado's Clean Engine Cluster." City of Fort Collins. \$3,000.
- Shields, M. (2011). "Assessing the CLEAN Program's Economic and Fiscal Impacts." City of Fort Collins. \$6,000.
- Shields, M. (2011). "Economic Impacts of Colorado's Hospital Sector." Colorado Hospital Association. \$12,000.
- Shields, M. (2011). "Economic Impacts of Colorado's Rural Telecommunications Providers." Colorado Telecommunications Association. \$12,000.
- Shields, M. (2011). "Economic Impact Analysis and Fiscal Impact Analysis." NCEDC. \$13,000.
- Shields, M. (2011). "Market Research." NCEDC. \$5,000.
- Shields, M. (2011). "Colorado State University's Impacts on the State Economy. CSU. \$20,000.
- Shields, M. (2010). "Benchmarking and Tracking Economic Performance of the Fort Collins Industry Clusters." City of Fort Collins. \$15,000.
- Shields, W. (2010). "Primary Employment Trends in Larimer County." Fort Collins Chamber of Commerce. \$2,000.
- Shields, M. (2010). "Economic Impact Analysis and Fiscal Impact Analysis." NCEDC. \$13,000.
- Shields, M. (2010). "Market Research." NCEDC. \$2,500.
- Shields, M. (2009). "Economic and Fiscal Impacts of the Proposed Maxwell Ranch Windfarm Project." CSURF. \$10,000.
- Shields, M. (2009). "Phase 1 of a Statewide Sector Strategy." Larimer County Workforce Center. \$30,000.
- Shields, M. (2009). "Benchmarking and Tracking Economic Performance of the Fort Collins Industry Clusters." City of Fort Collins. \$15,000.
- Shields, M. (2008). "Understanding and Addressing Community Poverty." Bohemian Foundation and Community Foundation. \$20,000.
- Shields, M. (2008). "Benchmarking and Tracking Economic Performance of the Fort Collins Industry Clusters." City of Fort Collins. \$13,123.

Shields, M. (PI) and J. Findeis (2006). "Rural Unemployment and Underemployment in Rural Pennsylvania." Center for Rural Pennsylvania. \$40,000.

Shields, M. (PI) and L. Davis. (2005). "A Rural-Urban Analysis and Comparison of Health Insurance Benefits Offered by Small Businesses." Center for Rural Pennsylvania. \$43,211.

Shields, M. (PI), D. Hughes and S. Goetz. (2005). "Evaluation Research and Strategy Development for the Tourism Enterprise Development Activities of the Progress Fund." Progress Fund. \$60,000.

Shields, M. (PI), S. Goetz, N. Ferry and J. Michael. (2004-05). "Workforce Development Analysis for Pennsylvania's Targeted Industry Clusters." Keystone Research Center. \$21,000.

Shields, M. (2005). "Economic Contribution of Pennsylvania's Stocked Trout Streams." PA Fish & Game Commission. \$4,000.

Shields, M. (2005). "Economic and Fiscal Impacts of the Flight 93 Memorial." \$2,500.

Shields, M. (2005). "Economic Contribution of Pennsylvania's Wild Trout Streams." PA Fish & Game Commission. \$2,000.

Shields, M. (2005). "Economic Contribution of the Long Term Health Care." PANPHA. \$2,500.

Shields, M. (2004). "Economic Contribution of the Lake Erie Steelhead Tributary." PA Fish & Game Commission. \$2,000.

Shields, M. (PI) and J. Stokes. (2003). "The Effects of Bank Consolidation on Rural Pennsylvania." Center for Rural Pennsylvania. \$15,000.

M. Shields. (2002-2003). "Rural Pennsylvania's New-Economy: Identifying the causes of growth and developing new opportunities." Center for Rural Pennsylvania. \$20,500.

Shields, M. (PI) and S. Smith. (2002). "Evaluating the Effectiveness of State Incentive Programs." Center for Rural Pennsylvania. \$20,000.

Shields, M. (2000). "A Manual for Small Downtowns." Center for Rural Pennsylvania, \$10,000.

Funded Projects as CoPI (Approximately \$5.5 million)

Penn State University. (2005-2008). "Penn State Plastics Initiative." US Department of Commerce. \$4 million.

Kelsey, T., K. Brasier, M. Shields, J. Hyde, J. Watson, D. Filson (PI), and M. Rodgers (PI). (2004-5). "Keystone Ag Innovation Center." This project, funded by USDA, establishes three regional agricultural innovation centers in Pennsylvania. These centers are designed to help communities and producers to work together to identify new opportunities and strategies for value-added agricultural development. \$1 million.

Kelsey, T. (PI), M. Shields, E. Marshall and J. Shortle. (2003-2005). "Economic Effects of Pennsylvania's Current System of Local Taxation upon Current and Future Viability of Pennsylvania Agriculture." Pennsylvania Department of Agriculture. \$100,000.

Swinker, A. (PI), P. Tozer and M. Shields. (2002-2003). "Pennsylvania Equine Industry Study." Pennsylvania Department of Agriculture. \$150,000.

Smith, S. (PI) and M. Shields. (2002-2003). "The Centre County Economy." Centre County Government. \$10,000.

Tobias, D., D. Allee, R. Howe and M. Shields. (2000-2003). "A Community and Economic Development Toolbox on the Web: A Cornell Penn State Collaboration." Cornell University.

Willits, F. (PI) and M. Shields. (2001-2002). "Pennsylvania's Green Industry: Its Nature and Scope." Pennsylvania Landscape and Nurseryman's Association \$29,000.

Brockett, D., M. Shields et al. (2000-2001). "Education Opportunities through the Learning Innovation Center." \$37,000.

Smith, S. (PI), Kelsey, T., Abdalla, C., M. Shields, K. Kephart and P. Patterson. (1999-2000). "Economic and Fiscal Impacts of Agriculture in Pennsylvania Communities." Pennsylvania Department of Agriculture, \$108,000.

Strauss, C. (PI), M. Shields and T. Kelsey. (1999-2000). "Economic Impact of Pennsylvania's Hardwood Industry: Current Status and Proposed Growth." Pennsylvania Hardwood Development Council. \$30,000.

Kelsey, T. (PI), M. Shields and S. Smith. (1998). "Development of a Pennsylvania-Specific Fiscal Impact Model: A Necessary Tool for Understanding the Impact of Land-Use, Economic and Policy Change in Pennsylvania." Center for Rural Pennsylvania. \$40,000.

Recent Unfunded Projects as PI

Shields, M and R. Feller. (2009). "Uncovering and Developing the Career Potential of 8th Graders." Bohemian Foundation. \$30,000.

Shields, M. (2009). "Identifying Value Chains in the Northern Colorado Clean Energy Cluster." CSU Clean Energy Supercluster. \$15,000

Shields, M. (2009). "Quantifying the Potential Economic Impacts of the Proposed Intertie Project." Trans-Elect Development Company, LLC, \$5,600.

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

Clearly differentiate editorial positions (e.g. journal editor/associate editor) from manuscript and grant refereeing.

Memberships in professional societies (current)

North American Regional Science Association
Southern Regional Science Association
Western Economics Association

Office in professional societies

Board member: Southern Regional Science Association
President of Mid-Continent Regional Science Association: 2002-2003.
President-elect of Mid Continent Regional Science Association: 2001-2002.
Vice President of Mid Continent Regional Science Association: 2000-2001.

Review/editorial boards

Associate Editor: Journal of Regional Analysis and Policy (1999-present)
Associate Editor: Agricultural and Resource Economics Review (2004-2007)

Grant Refereeing

Ohio State University experiment station
Ohio State Sea Grant Institute
Clemson University experiment station
USDA Value-Added Program. Reviewed (35) grant applications, 2002.
Reviewer for grant proposals to Small Business Innovation Research, USDA,
1998-2001.

Manuscript Refereeing

American Journal of Agricultural Economics
Agricultural and Resource Economics Review
Economic Development Quarterly
Growth and Change
International Regional Science Review
Journal of Agricultural and Resource Economics
Journal of Community Development Society
Journal of Regional Analysis and Policy
Journal of Regional Science
Papers in Regional Science
Review of Regional Studies
Social Science Journal

PAPERS PRESENTED/SYMPOSIA/INVITED LECTURES/PROFESSIONAL MEETINGS/WORKSHOPS

Cutler, H., S. Davies and M. Shields. 2011. Optimal Tax Policy for Colorado: A CGE Analysis.
Annual Meetings of the North American Regional Science Association Miami Nov 10-12.

2010. Anita Alves-Pena, Harvey Cutler and Martin Shields. Did the Great Recession Discriminate?
An Examination of Differences in Unemployment Rate Duration by Race and Region
2002-2010. Presented at the Annual Meetings of the North American Regional Science
Council. Denver. November 11.

2010. Ian Breuning, David Mushinski and Martin Shields. Peer Effects and Obesity: Do Migrants Adopt the Health Lifestyles of their Destinations? Presented at the Annual Meetings of the North American Regional Science Council. Denver. November 13. Chair of session.
- Shields, M. (2009). "Is the Economic Stimulus Package Needs Based?" Paper presented at the annual meetings of the Southern Regional Science Association San Antonio TX April 2nd-4th.
- Shields, M., D. Mushinski and L. Davis. (2008). "Factors Influencing the Provision and Extent of Provision of Health Insurance benefits for Small Businesses in Pennsylvania." Paper presented at the annual meetings of the Southern Regional Science Association Washington DC March 27th-29th.
- Dudensing, R., D. Hughes, and M. Shields. (2008). "Perceptions of Tourism Promotion and Business Challenges: A Survey-Based Comparison of Tourism Businesses and Promotion Organizations." Presented at the annual meetings of the Mid-Continent Regional Science Association. May 13-17. Colorado Springs.
- Shields, M. and D. Keyser. (2008). "Factors Influencing the Economic Recovery of Small and Medium MSAs." Paper presented at the annual meetings of the Western Economic Association International Oahu HI June 30-July 3rd.
- Keyser, D. and M. Shields. (2008). "Ex-post Analysis of Regional Employment Forecasts." Presented at the annual meetings of the Association for University Business and Economic Research Bellingham WA Oct 11-14.
- Shields, M. and D. Keyser. (2008). "Growth and Recovery of Small and Medium MSAs. Paper presented at the annual meetings of the North American Regional Science Council Brooklyn Nov 20-22.
- Dudensing, R., D.W. Hughes and M. Shields. (2007). "Effects of Government on Growth of Local Tourism Industry: An Econometric Analysis of Pennsylvania and West Virginia Businesses" paper presented at the 46th annual meetings of the Southern Regional Science Association March 29-April 1 Charleston.
- Shields, M. and D. Keyser. (2007). "Northern Colorado Economic Outlook 2008" presented as part of the department's seminar series.
- Hughes, D. and M. Shields. (2006). "Comparing the Needs of Tourism-Based Businesses with Perceptions of Tourism Development Organizations: Results from a Survey from Pennsylvania and West Virginia" National Extension Tourism Conference. Sept. Burlington VT.
- Grassmueck, G. and M. Shields. (2006). "Competition Among Government Units in the Metropolitan USA: Beneficial or Detrimental to Economic Growth." North American Regional Science Association, 53rd Annual Conference. Toronto. Nov.

- M. Shields. (2006). "Brain Drains and Brain Pools: Where Young, College Educated Folks End Up Living...and Why" CSU-ODE seminar Dec.
- Grassmueck, G., M. Shields and S Goetz. (2005). "The Effect of Political Fragmentation on Out-Migration" Paper presented at the SRSA meetings. Arlington VA. April 2005.
- Shields, M. (2005). "Stimulating Innovation in Agriculture: Ag. Innovation Center Outreach." Symposium at the AAEA meetings. Providence RI July.
- Shields, M. (2005). "Using IMPLAN to Understand Economic Change in Your Region." AUBER meetings. Missoula MT. October 10.
- Goetz, S. and M. Shields. (2005). "Local Factors Influencing Entrepreneurship." What Works! Entrepreneurship conference. Burlington VT September 30.
- Shields, M. (2005). "Building a 21st century Rural Workforce" RSAI meetings. Las Vegas. November.
- Shields, M. S. Goetz and L. Bhardawaj. (2004). "An Analysis of Gross In- and Out-Migration Flows for Pennsylvania Counties: A closer look at the relative importance of labor market and amenity differentials between origin and destination counties" Paper presented at the meetings of the Western Regional Science Association. Maui Hawaii. February.
- Goetz, S. and M. Shields. (2004). "State Economic Policy and Job Growth: What we do and do not know." Paper presented at the Annual Meetings of the Southern Regional Science Association. New Orleans. March.
- Shields, M., S. Goetz and Q. Wang. (2004). Examining the Relationship between Regional Productivity and Employment Growth Goetz, S. and M. Shields. (2004). Paper presented at the Annual Meetings of the Southern Regional Science Association. New Orleans. March.
- Shields, M., S. Goetz and Q. Wang. (2004). "Out-Migration from the Northeast US: The Roles of Economics and Amenity Differentials." Conference on Amenities and Rural Development. Madison WI June 18-19.
- Shields, M. and M. Kures. (2004). "Attention Kmart shoppers: Your store will be closing for the following reasons..." Paper presented at the annual meetings of the MidContinent Regional Science Association. Madison WI. June.
- Brewin, D., M. Shields and S. Goetz. (2004). "The Integration of Rurality, Space, Migration and Income in the U.S." Paper presented at the annual meetings of the Northeast Agricultural and Regional Economics Association. Halifax. June. Presenter.
- Shields, M, J. Stokes and JH Bae. (2004). "An Analysis of Bank Consolidation Trends in Rural Pennsylvania." Paper presented at the annual meetings of the American Agricultural Economics Association. Denver. August. Presenter.

- Shields, M. and C. Vivanco. (2003). "Is the 'New Economy' Benefiting Rural Places? A Model of Earnings and Employment Growth in Producer Services Industries." Mid-Continent Regional Science Association Annual Meeting. Cleveland, OH. May. Presenter.
- Shields, M. and S. Smith. (2002). "Retrospective of Economic Development Incentives." Southern Regional Science Association Annual Meeting. Arlington, VA. April. Presenter.
- Shields, M. and J. Novak. (2002). "Another Look at the Relationship between Employment Growth and Unemployment Rates in Rural Counties?" Southern Regional Science Association Annual Meeting. Arlington, VA. April. Presenter.
- Shields, M. and S. Smith. (2002). "Are State Economic Development Programs Effective in Rural Areas?" Northeastern Agricultural and Resource Economics Association Annual Meeting. Camp Hill, PA. June.
- Brewin, D., and M. Shields. (2002). "Convergence of Income and Heterogeneity in the United States." Northeastern Agricultural and Resource Economics Association Annual Meeting. Camp Hill, PA. June.
- Shields, M. and M. Kures. (2002). "Black Out of the Blue Light: An Analysis of K-Mart Store Closing Decisions." North American Regional Science Association Annual Meeting. San Juan, Puerto Rico. November. Presenter.
- Shields, M. (2001). "What Explains Long-run Rural Unemployment Differentials?" Mid-Continent Regional Science Association Annual Meeting. Duluth, MN. May.
- Shields, M. (2000). "An Investigation into Unemployment Rate Variations in America's Most Rural Counties." North American Regional Science Association Annual Meeting, Chicago, IL. November.
- Griesel, J. and M. Shields. (2000). "Evaluating the Effectiveness of the EZ/EC Initiative." American Agricultural Economics Association, Tampa, FL. August. Co-author.
- Shields, M. and J. Novak. (2000). "Dynamic Labor Market Responses to Employment Shocks: A County-level Analysis." Western Agricultural Economic Association, Vancouver, BC Canada. July. Principal author and presenter.
- Griesel, J. and M. Shields. (2000). "Is the EZ/EC Initiative Working?" Mid-Continent Regional Science Association Annual Meeting. Milwaukee, WI. June. Co-author and presenter.
- Kelsey, T. and M. Shields. (1999). "Local Impacts of Rural Land Use Policy Options in the Northeast." North American Meetings of the Regional Science Association International. Montreal, Canada. November. Co-author.
- Shields, M. (1999). "The Spatial Allocation of Employment Growth: An Analysis of Commuting by Industry." Northeastern Agricultural and Resource Economics Association Annual Meeting. Morgantown, WV. June.

- Farrigan, T., J. Halstead, M. Shields and D. Morris. (1999). "Bringing Fiscal Impact Modeling to the Community Level: The FIT-4-NH Model." Northeastern Agricultural and Resource Economics Association Annual Meeting. Morgantown, WV, June. Co-author.
- Shideler, D. and M. Shields. (1999). "Are Commuters Free-Riders Where They Work?" Southern Regional Science Association, Richmond, VA. April. Co-author and presenter.
- Shields, M. and D. Shideler. (1999). "Do Commuters Free-Ride?" Western Regional Science Association Annual Meeting. Ojai, CA. February. Principal author and presenter.
- Deller, S., M. Shields and J. Stallmann. (1998). "The Aging of a Small Rural Region: An Application of the Wisconsin Economic Impact Modeling System." Western Regional Science Association Annual Meeting. Monterey, CA Feb 18-22. Co-author and presenter.
- Stallmann, J., S. Deller and M. Shields. (1998). "Fiscal Impacts of In-migrating Retirees on a Rural Wisconsin County." Southern Regional Science Association Annual Meeting. Savannah, Georgia, April 2-4. Co-author.
- Deller, S. and M. Shields (1998). "An Application of the Wisconsin Economic Impact Modeling System for Policy Analysis." Mid-Continent Regional Science Association Annual Meeting. Rockford, IL June 4-6. Co-author.

OUTREACH ACTIVITIES (CSU ONLY: 2006-PRESENT)

The overall goals of my research-based outreach program are to 1) provide the best available information and analysis to the local business community and regional decision makers, and 2) help the region better understand and leverage its relative competitive advantages in a global economy. This is designed to coincide with the NCEDC's mission to build an economy that enhances quality of life in northern Colorado.

Major 2009 research accomplishments included:

- Partnering with the University of Colorado we produced a study of employment and occupation trends for each Colorado county and Workforce Investment Area.
- Economic forecasts for the region and state.
- Analyzing the potential economic and fiscal impacts of a CSU windfarm.

Major 2008 research accomplishments included:

- A study that identifies the region's overall workforce challenges and emerging needs
- A clean energy workforce study that provides in-depth analysis of sector needs
- A research report documenting higher education's contributions to the regional and state economies
- A detailed study of factors influencing increased poverty in northern Colorado
- Documenting and analyzing recent regional employment and wage trends, with an emphasis on primary employment

Major 2007 research accomplishments included:

- Identifying and documenting the region's economic clusters, with detailed analysis of health care and clean energy. Strategies for growing the clusters are forwarded.
- Documenting and analyzing recent regional employment and wage trends, with an emphasis on primary employment
- Researching the economics of regional transportation infrastructure investments
- Developing an economic and fiscal impact model for northern Colorado

In addition, I supported to day-to-day operational efforts at NCEDC. Specific accomplishments include:

- Providing regularly updated sector-level employment forecasts
- Economic and fiscal impact analysis for NCEDC assisted projects
- Establishing a database of the region's primary employers, used in the BR&E program and Denver cluster project
- Establishing the IEDC database for NCEDC recruiting efforts
- Helping establish annual job creation targets for NCEDC
- Return-on-investment analysis for NCEDC investors
- Frequent regional updates for NCEDC board, staff and local businesses and policy makers

This research and analysis was shared with NCEDC, businesses, elected officials, local government staff, and the general public through public presentations, media interviews, and written commentary in outlets such as NCBR, The Coloradoan and the Denver Post.

Select Outreach Presentations

2010

- “Regional Economic Update” Northern Colorado Business Report Mid-Year Economic Update Breakfast, Loveland July 14
- “Colorado and US Economic Update” American Association of Individual Investors Denver Chapter, Denver June 22
- “Northern Colorado’s Economic Outlook” Brinkman Partners Fort Collins June 17
- “Economic Development in Northern Colorado” Leadership Northern Colorado, Windsor May 22
- “Workforce Development Challenges in Northern Colorado” Leadership Northern Colorado, Greeley April 27
- “Economic Development in Fort Collins” University Connections, Fort Collins March 24
- “Economic Outlook for Loveland” Leadership Loveland, Loveland March 9
- “Understanding Economic and Fiscal Impact Analysis” Loveland City Council, Loveland February 9

2009

- “Sectoronomics.” A webinar prepared for Eastern Colorado Workforce Centers Dec 3
- “IT Workforce” Broomfield Adams Oct 28
- “A Tool for Understanding Emerging Workforce Opportunities.” Economic Development Council of Colorado Fort Collins Oct 22
- “Sectoronomics” Larimer and Weld County Workforce Centers Sept 23
- “Poverty and Economic Development” presentation to state legislative Economic Opportunity & Poverty Reduction Task Force Denver July 27th
- “Understanding Employment and Workforce Data” workshop for Business Service personnel at Colorado Workforce Centers Vail July 16th
- “Emerging from the Recession” presentation to leadership board of Fort Collins Chamber of Commerce June 5th
- “Recent Trends in National Credit Markets” presentation for panel on Credit and Economic Development in Northern Colorado. Fort Collins May 12th
- “Credit and the Recession in Northern Colorado” presentation at NCEDC sponsored business roundtable Windsor April 28th
- “Emerging Career Opportunities in Northern Colorado” keynote presentation at Marriott Larimer County Workforce Symposium Fort Collins April 24th
- “Increased Poverty in Northern Colorado” Economics department seminar February 27th
- “Colorado Economic Outlook” Southwest Metro Denver Chamber of Commerce January 21st
- “Northern Colorado Economic Outlook” NCBR outlook conference Greeley January 15th
- Testimony in support of House Bill 1035 January
- “Northern Colorado’s Construction Industry forecast” Loveland January 8th

2008

- “Poverty in Northern Colorado” presented to Pathways Past Poverty Leadership Committee Dec 16th
- “Economic Outlook for Northern Colorado” presentation to Leadership Loveland December 9th
- “Factors Influencing Increased Poverty in Fort Collins and Larimer County” community presentation as part of Pathways Past Poverty initiative Fort Collins November 14th
- “Northern Colorado in Difficult Economic Times” Loveland Chamber of Commerce business roundtable October 30th
- “Understanding Clean Energy Workforce Needs” presentation to Career Counselors of Colorado Longmont October 24th
- “Northern Colorado and the Financial Crisis” Front Range Community College October 23rd
- “The Financial Crisis and its Local Impacts” Colorado State University October 6th
- 2nd Annual Northern Colorado Economic Summit October 1st
 - Higher education and the Colorado Economy
 - Emerging workforce needs in Northern Colorado
 - 2009 Economic Outlook for Northern Colorado
- “Northern Colorado’s Clean Energy Cluster Workforce Needs” Fort Collins September 12th
- Community forum “Is Income Inequality Increasing? So What?” (with John Kefalas) June 23rd
- “Emerging Clean Energy Workforce Needs” presentation to Institute of Electrical and Electronics Engineers June 18th
- “Trends in Northern Colorado Poverty” presented to Pathways Past Poverty Leadership June 4th
- CSU’s Electrical Engineering Department “Understanding the Clean Energy Workforce”
- NCBR Sustainability summit “Sustainable Economic Development” April 24th
- Loveland citizen’s finance advisory committee “Economic and Fiscal Impact Analysis as a Planning Tool” April 9th
- RMII Entrepreneurship Summit “Entrepreneurship Growth in Northern Colorado” April 2nd
- “2008 Northern Colorado Economic Outlook” presentation to Fort Collins Rotary March 19th
- NCBR annual forecast “2008 Northern Colorado Economic Outlook” Jan 23rd
- Loveland Rotary “2008 Northern Colorado Economic Outlook” Jan 23rd
- Leadership Fort Collins “2008 Northern Colorado Economic Outlook” Jan 10th

2007

- “2007 Economic Outlook” presented overview of regional economy to mortgage lenders association. March 20th
- Marilyn Musgrave forum Participated in panel describing key economic trends affecting the region. April 11th
- “Larimer County’s Health Care Economy” Presentation and discussion of health care study findings June 15th
- “Health Care Economic Outlook’ presentation of health care study findings to NCBR sponsored health summit. June 21st
- John Kefalas forum Panelist in discussion of local sustainable economic development. Aug 29th
- “2008 Regional Economic Outlook” Bixpo. Sept 19th
- “1st Annual Northern Colorado Economic Summit” October 1st
 - 2008 forecast
 - Health care
 - Entrepreneurism and clean energy
- “Entrepreneurism and incubators in regional economic development” Rocky Mountain Incubator kickoff Comments Oct 25th
- “Northern Colorado’s Health Economy” Dec 11th
- “2008 Northern Colorado Economic Outlook” Dec 11th
- “Overview of Fort Collins economy and future outlook,” Fort Collins Economic Advisory Committee Dec 12th

2006

- “Northern Colorado Economic Review and Outlook.” Presented to the NCEDC leadership committee. December 15th.
- “Affordable Housing and Economic Development.” Presented at a community meeting hosted by the League of Women Voters November 14th
- “Comments on the Northern Colorado Economy.” November 6th.

Select Outreach Presentations (not listed elsewhere)

Bi-monthly columnist for *Coloradoan*.

- July 5 2010: Analysis: City spending stable since '01
- April 26 2010: Digging out of jobs hole will take time
- Feb. 15 2010: We must not stop investing in innovation, entrepreneurialism
- Dec. 7 2009: Obama's job policy should emphasize creating good jobs.
- Sept. 2009: Employer-based health insurance will never be provided for all
- July 20, 2009: Economic output needs to pick up considerably before payrolls increase
- April 13, 2009: Larimer County job market grinds to a standstill
- Jan. 19, 2009: Be prepared for some low points but don't despair
- Nov. 24, 2008: High school degree part of poverty equation
- Sept. 29, 2008: Region needs plan to weather the storm
- Aug. 4, 2008: Local economy doing OK; could do better
- June 9, 2008: Education fundamental building block
- April 14, 2008: Time to evaluate past and look to the future
- Feb 18, 2008: Region to add jobs faster than nation in economic slump
- Dec. 24, 2007: Tips for when those gift cards come pouring in
- Oct. 1, 2007: Job gains in one sector offset by losses in another
- Sept. 3, 2007: Strong economy thrives because of responsible individuals
- June 11, 2007: Regional transportation approach has benefits
- May 14, 2007: Rising gas prices will impact Colorado tourism

Occasional columns for CSU's *Competitive Edge*

- U.S. must continue to invest in innovation, entrepreneurship
- Regional job market grinds to halt June 2009
- CSU contributes to Colorado's economic growth March 2009
- National recession dampens economic outlook for Northern Colorado March 2009
- Northern Colorado will add more than 4,000 jobs in 2009 November 2008 (*OOPS!*)
- National economy remains bumpy for rest of 2008 September 2008
- Partnerships can create high-wage jobs in Northern Colorado June 2008
- Economic spillover: Return on investment in higher education benefits individuals, society May 2008
- Economy slowing, but jobs expected in region May 2008
- Public-private partnerships strengthen regional economic development December 2007
- Regional economic forecasts employment growth to slow down in 2008: Clean energy offers bright spot November 2007
- Northern Colorado's population growth will affect transportation August 2007

Articles for *Northern Colorado Economic Report*

- Oh Great Recession, what hath thou wrought? Winter 2010
- What if the shoppers don't come back Fall 2009
- Northern Colorado in huge economic hole Summer 2009

- Leading economic indicators suggest real job growth remains elusive Spring 2009
- Northern Colorado's 2008 employment situation ends on a grim note Winter 2009
- Some Regional Employers having difficult time finding the right employees Fall 2008
- Primary vs. non-primary jobs and wages in Larimer County Summer 2008
- Northern Colorado housing market not as risky as US market Spring 2008
- Study reveals high percentage of underemployed in region Winter 2008
- Clean Energy Cluster helps to stem tide of job losses Fall 2007

Columns for *Northern Colorado Economic Report*

- Colorado poised to recover faster than nation Winter 2010
- The future ain't what it used to be Fall 2009
- The credit dilemma Summer 2009
- It's time for Colorado to commit to higher education Spring 2009
- State should support Colorado investment tax credit Winter 2009
- Brinkmanship is not an economic development strategy Fall 2008
- Why policymakers should focus on primary jobs Summer 2008
- Housing adjustment mechanism difficult to swallow Spring 2008
- Alleviating underemployment requires jobs for variety of skills Winter 2008
- Innovation, talent will drive Clean Energy Cluster Fall 2007

Media Appearances

Television

- *Channel 9 News*
- *Election and the economy October 2008*
- *Your Show May 2007*

Radio

- *KUNC (multiple interviews)*
- *KCOL (occasional guest)*

Newspapers

- *Coloradoan (multiple times)*
- *Fort Collins Now (multiple times)*
- *Greeley Tribune (multiple times)*
- *Loveland Herald Reporter (multiple times)*
- *Denver Post (multiple times)*
- *Rocky Mountain News (multiple times)*
- *Business Week*
- *Northern Colorado Business Report (multiple times)*
- *USA Today*
- *Christian Science Monitor*

COMMITTEES

If you served as committee chairperson, please note:

University Service:

Have prepared 6 economic impact studies for CSU projects seeking ARRA stimulus funding. 2009.

College Committee, year(s)

Dean's Faculty Advisory Committee, 2005-06 (chair 2006)

College Extension Resource Core Committee, 2001-2002.

Planning Committee, Community Development In-service, 2001-2003

Montour County CD Agent Search Committee, 2000.

Co-chair, Plan of Work-5H writing team "Income and Business Generation and Enhancement" team, 1999-2005.

Member, Advisory Search Committee for Multi-regional Community and Economic Development Agent Position (Pike, Monroe and Carbon Counties), 1998.

Member, Advisory Search Committee for Multi-regional Community and Economic Development Agent Position (Potter, McKean, Clinton and Centre Counties), 1998.

Leader, Plan of Work-25 "Sustainable Community Development" 1998.

Department Committee, year(s)

Advisory Board Everitt Real Estate Center 2007-present

Search Committee. Rural Development (DARE) 2009

Search Committee. Environmental Economics. 2007-08.

Promotion and Tenure Committee. 2006-present.

Regional field (chair). 2007-present.

Search Committee. Public Economics. 2006.

Pomotion and Tenure Committee. 2005-06.

Agricultural Economics Graduate Program Committee, Department of Agricultural Economics and Rural Sociology, 2001-2006.

CEDEV Graduate Committee, 2002-2003.

Agricultural Economics Graduate Examination Committee, Department of Agricultural Economics and Rural Sociology, 1998-2001.

Social Affairs Committee, Department of Agricultural Economics and Rural Sociology, 1999-2001.

Leader, Search Committee for Economic Development Extension Associate Position, 2000.

Undergraduate Committee, Department of Agricultural Economics and Rural Sociology, 1998-2000.

STUDENT ADVISING/GRADUATE SUPERVISION

UNDERGRADUATE STUDENTS:

- # Current Undergraduate Advisees—20
- # Previous Undergraduate Advisees – 13 (2008)
- # Previous Undergraduate Advisees – 15 (2007)
- # Previous Undergraduate Advisees - 10 (2004)

GRADUATE STUDENTS:

Current Graduate Committee Memberships (excluding those chaired):

 9 # PhD

 3 # MS/MA

Graduate Committee Memberships (for past 5 years, not including those above)

 2 # MS/MA

 3 # PhD

Graduate Degrees Completed Under Your Supervision (past 5 years):

Name, Year, (MS, MA, PhD)

Dissertations supervised:

Grassmueck, G. PhD Agricultural and Regional Economics (2006). Fragmentation and Economic Growth.

Brewin, D. PhD Agricultural and Regional Economics (2004). Three Essays in Regional Economic Growth.

Theses supervised:

Vivanco, C. MS Community and Economic Development (2003).

Jenkins, K. MS Community and Economic Development (2003).

Novak, J. MS Agricultural Economics (2001). Regional Variation of Relative County Unemployment Rates: An evaluation and explanation of persistent differences in the United States.

Griesel, J. MS Agricultural Economics (2000). Are Rural Empowerment Zones Working?

Shideler, D. MS Agricultural Economics (1999). The Fiscal Impact of Commuters on Municipal Level Government Expenditures.

POSTDOCTORAL STUDENTS/RESEARCH ASSOCIATES:

Current:

Michael Marturana MS

AWARDS

Outstanding Faculty Member CSU Greek Committee April 2009

Bravo Spirit Award 2009. Northern Colorado Business Report