

**Center for Research on the Colorado Economy (CRCE)
2003-04 Biennial Report**

There continues to be a large amount of work done by the affiliates of CRCE on research, outreach and graduate education. We are continuing to further integrate our center with other organizations at CSU. Affiliates of CRCE have collaborated with the Colorado Institute for Public Policy on applying for grants and will continue to do so. Our objective is to become a more visible center on campus and make the case that we have primary expertise on economic development for the region and state.

With respect to research, there have been over thirty refereed journal articles by CRCE affiliates in the last three years on a wide range of regional issues. These articles have covered topics such as economic development, land use, forestry issues, open space, the plight of agriculture in Colorado, tax incentives to promote economic growth, brownfield development and recreation. There have also been over thirty publications as conference proceedings, contract reports and other publications.

The outreach performed by CRCE affiliates has been extensive at the state, national and international levels. A large number of presentations have been made to many agricultural groups on land use, agricultural business, marketing and the impact of chronic wasting disease. Affiliates have also made presentations to local policy makers all over the state on a wide range of issues related to economic development. Affiliates have also attended a large number of academic conferences nationally and internationally.

We have been very successful with respect to graduate education over the last three years. There have been eight completed dissertations related to regional issues. Five of these people have tenure track positions at universities and colleges in the U.S. Two students have 100% research positions and one student went back to their home countries. There have also been several masters theses completed. Currently, there are five dissertations underway related to regional economic issues.

The objectives of CRCE for the next two years are:

- To more actively pursue outside funding
- To further integrate the center with other entities at CSU
- Continue the production of Ph.D.'s doing research in regional economics
- Enhance website use and range of topics included

Submitted by Harvey Cutler, Co-Director, CRCE, and Professor,
Department of Economics, CSU
Stephen Davies, Co-Director, CRCE, and Professor,
Department of Agricultural and Resource Economics, CSU

Organizational Support Projects

- Updated Mailing List
 - Serves both departments for outreach
 - Two Co-Directors guided Work Study student
 - Current list updated
 - Widened contacts: Public, Private, and Non-Profit
 - Improved and Pruned Address and Email contacts
 - Address list allows ease of label printing

- Newsletter drafting and mailouts (Done by Bob Kling and Work Study)
 - No. 9, June 2003 Focus :“Peaks and Valleys: Income distribution in Colorado”

 - No. 10, April 2004 Focus :“Like a good neighbor? New study shows how neighborhood covenants increase property values”

- Continue updating news and publication links (Davidoff)
 - News items as they appear
 - Publications and working papers from DARE and Econ faculty

- Supported Policy Institute for September 2004 “Challenging Academia” conference

- Explored new collaborations with KC Federal Reserve
 - Rural Entrepreneurship: CSRA, Kauffman, Microcredit, Econ/DARE

Ongoing Projects Using CRCE Lab

- USDA National Research Initiative (2003-05)
 - Kling, Weiler with NREL/Theobald
 - GRA: Sean Alley
 - New Computer as additional GIS/spatial econometrics station

II. Affiliate Activities

Alexandra Bernasek – Economics

Outreach

Internship program with economics majors, working in partnership with Congregations Building Community and Holy Family Church to coordinate formation of a cooperative of Mexican microentrepreneurs.

Harvey Cutler – Economics

Publications

Estimating Costs and Benefits of Economic Growth: A CGE-Based Study of Tax Incentives in a Rapidly Growing Region. Journal of Regional Analysis and Policy. Forthcoming, 2005 (co-authored with Steve Byers and Stephen Davies).

“The Impact of the Sales Tax Rate on City Size and Economic Activity: A CGE Approach,” Urban Studies Vol. 41 No. 4 April 2004: 875-885. (co-authored with I. Strelnikova).

“Determining Regional Structure Through Cointegration,” Review of Regional Studies Vol. 33 No. 2, 2003: 164-183 (co-authored with S. England and S. Weiler).

“Building Small City and Town SAMs and CGE Models,” Review of Urban & Regional Development Studies Vol. 15, No. 2 July 2003: 132-46. (co-authored with W. Schwarm)

“The Economic Consequences of Population and Employment Led Growth” Conference Proceedings for Input-Output and General Equilibrium Data, Modeling and Policy Analysis, Brussels, September 2004 (co-authored with S. Davies). (CD-Rom).

“Users Guide for the Interactive Spreadsheet to Create and Balance a SAM,” 2004 (co-authored with W. Schwarm)

Presentations

Southern Regional Science Association - 43rd Annual Meetings, New Orleans, Louisiana, March 11-13, 2004.

“The Economic Consequences of Productivity Changes: A CGE Analysis,” (with S. Davies)

Input-Output and General Equilibrium Data, Modeling and Policy Analysis, Brussels, September 2-4, 2004.

Presented “The Economic Consequences of Population-and Employment-Led Growth,” (with S. Davies)

The Levy Institute of Bard College on the Distribution of Income, Annandale, NY, October 2004.

Presented “The Impact of Local Government Decisions on the Distribution of Income,”
(with S. Davies)

52nd North American Meetings of the RSAI, 2004 (Seattle)

“Estimating the Stability of Weighting Matrices in a Time Series Spatial Model”
(with Ben Widner)

“Comparing the Forecast Accuracy for Housing Prices Using Different Spatial
Weighting Matrices” (with Ben Widner)

The Effect of Differing Tax Structures on Local Economic Growth” (with Kace Chalmers
and Walter Schwarm)

Chairperson – Dissertation

Chalmers, Katherine (2004), “Public Interest and Public Choice: A Welfare Approach
Using CGE Analysis,” (**Assistant Professor at Bowling Green University**).

Schwarm, Walter (2002), “Measuring the Gains From Inter-Regional Cooperation,”
(**Post-Doc West Virginia University**).

England, Scott (2002), “Regional Analysis of an Urban and Rural Economy in the State
of Oregon: A Cointegration Approach,” (**Assistant Professor at Fresno State**).

Ongoing Dissertations

Strelnikova, Irina

Stephen Davies – DARE

Research

Byers, S., H. Cutler and S. Davies. Estimating Costs and Benefits of Economic Growth:
A CGE-Based Study of Tax Incentives in a Rapidly Growing Region. Journal of
Regional Analysis and Policy. Forthcoming, 2005.

Park, D., A. Seidl and S.P Davies. Environmental Policy and Industry Location: The Case of the
US Livestock Production. Review of Regional Studies. Vol. 32, No.2 (2002): 293-307.

Cutler, H. and S.P. Davies, “The Impact of Local Government Decisions on the Distribution of
Income”, A paper presented at the Levy Economics Institute conference on “The

- Distributional Effects of Government Spending and Taxation”, October 15-16, 2004, Annandale-on-Hudson, New York.
- Thilmany, D., P. Watson, and S.P. Davies. "Economic and Environmental Aspects of Golf and the Green Industries in Colorado." Selected Paper of the 2004 Western Agricultural Economics Association Annual Meeting, June 30-July 2, 2004, Honolulu, Hawaii.
- Cutler, H. and S.P. Davies, "The Economic Implications of Retail versus Manufacturing Expansions: A CGE Analysis”, Selected Paper of the 2003 North American Meeting of the Regional Science Association International, Philadelphia, PA, November 20-22, 2003.
- J. Casterella, S. Davies, L. Johnson and B. Lewis. "Government Vs. Private Sector Audit Fees: An Empirical Comparison." Selected Paper of the American Accounting Association 2003 Annual Meeting, Honolulu, Hawaii, August 3-6, 2003.
- J. Casterella, S. Davies, L. Johnson and B. Lewis. "Government Vs. Private Sector Audit Fees: An Empirical Comparison." Selected Paper of the American Accounting Association 2003 Annual Meeting, Western Region, Breckenridge, Colorado, April 24-26, 2003.
- D. Thilmany, P. Watson and S. Davies, “Assessing the Economic Contributions of Colorado's Green Industry: Empirical Issues and Challenges.” Presented at the 2003 Western Regional Science Association meetings in Rio Rico, AZ, February 2003.
- D. Thilmany, S. Davies and P. Watson. “The Economic Contribution of Colorado's Green Industry: Revenue and Employment Trends.” Final report to GREENCO. December 2003. (46 pages).
- D. Thilmany, P. Watson and S. Davies. “The Economic Contribution of Colorado's Green Industry-Phase I: Allied Industry and Sector-Specific Revenue and Employment Trends.” Report to GREENCO. July 2003.
- 2003, “Economic Impact of Colorado’s Golf Industry”, Sponsored by the Colorado Golf Association, \$31,200. (Co-PI is D. Thilmany)
- “Economic Contribution of Colorado’s Green Industry”, GreenCo Foundation, 2002/3, Dawn Thilmany, PI, S. Davies, Co-PI, \$23,000.

Jerry Eckert – DARE

Research/Outreach

- "Income Inequality in Colorado," Jerry Eckert and Elizabeth Garner, January 2003, Cooperative Extension research report, on-line at: <http://www.ext.colostate.edu/staffres/cis/xcm227-full.pdf>

Dana Hoag – DARE

Research/Outreach:

What Landowners Should Know When Considering Easements: Insights from Colorado Landowners. Cooperative Extension Service, Colorado State University, Extension Bulletin # XCM-226 (2002).

Hoag, D. , J. Ascough, II and Alejandra Engler-Palma. The impact matrix approach and decision rules to enhance index dimensionality, flexibility and representation. *Ecological Indicators*, Vol. 2 (November 2002): p. 161-168

Ascough II, James C., Dana L. Hoag, Gregory S. McMaster, and W. Marshall Frasier. Computer Use And Satisfaction By Great Plains Producers: Ordered Logit Model Analysis. *Agronomy Journal*, Vol. 94 (2002): p. 1263-1269.

Popp, Jennie, Dana Hoag, and James Ascough II, Targeting Soil Conservation Policies for Sustainability: New Empirical Evidence. *J. of Soil and Water Conservation*, Vol. 57 (2002): p. 66-74

Marshall, A., D. Hoag, and A. Seidl. Colorado Landowner Conservation Easement Survey. Technical Bulletin TB02-3, Agricultural Experiment Station, Colorado State University, December, 2002.

Robert Kling – Economics

Research

“Estimating the Public Good Value of Preserving a Local Historic Landmark: The Role of Nonsubstitutability and Citizen Information”, with C.F. Revier and K. Sable, *Urban Studies*, 41 (2004): 2025-2041.

Funded research:

“Public Values, Objectives and Beliefs about Forests and Rangelands,” USDA-USFS Rocky Mountain Research Station, 2004-06. Principal Investigator. \$53,000 awarded in 2004 for work in 2004-05.

“Economic Assessment of Wildlife Damage Management,” USDA National Wildlife Research Center, 2004-05. Principal Investigator. \$40,000 awarded in 2004 for work in 2004-05.

“Development of Phase I of Fire Management Model: Economic and other Analytic Support”, Department of Interior, National Park Service, 2004. Associate Investigator (PI: D. Rideout; Project Home: Forestry).

“Sustainable Mineral Resource Management: Development and Interpretation of Criteria and Indicators”, USDA-USFS Rocky Mountain Research Station, 2003-04.

Principal Investigator. \$62,000 extension awarded in 2004 for work in 2004-05. Project now totals \$137,000.

“Maximizing Protection of Ecological, Agricultural, and Community Values,” USDA - CSREES. Associate Investigator (PI: D. Theobald; Project Home: NREL) Awarded in 2003 for work in 2003-05.

“Measuring Stakeholder and Forest Service Employee Perceptions about Fire Risk Management in the Colorado Front Range,” USDA-USFS Rocky Mountain Research Station. 2000-04. Managing PI. \$217,000. Contract completed; work continues in “Public Values” project listed above.

Service / outreach:

Panel Member, “Sustainability and Growth on the Front Range,” CSU Colloquium on Environmental Research, November 2004.

Editor, CRCE Update Series

John Loomis – DARE

Research

Loomis, J. 2004. Do Nearby Forest Fires Cause a Reduction in Residential Property Values. *Journal of Forest Economics* 10: 149-157.

Loomis, J. 2004. How Bison and Elk Populations Impact Park Visitation: A Comparison of Results from a Survey and Historic Visitation Regression Model. *Society and Natural Resources* 17: 941-949.

Richardson, R. and Loomis, J. 2004. Adaptive Recreation Planning and Climate Change: A Contingent Visitation Approach. *Ecological Economics* 50: 83-99.

Loureiro, M., Loomis, J., Nahuelhual, L. 2004. A Comparison of a parametric and non-parametric method to value a non-rejectable public good. *Journal of Forest Economics* 10: 61-74.

Hesseln, H., Loomis, J., and Gonzalez-Caban, A. 2004. Comparing the Economic Effects of Fire on Hiking Demand in Montana and Colorado. *Journal of Forest Economics* 10: 21-35. 2004.

Loomis, J., Gonzalez-Caban, A., and Hesseln, H. 2004. Multicultural Evaluation of the Performance of Contingent Valuation For Forest Fire Prevention. *Contemporary Economic Policy* 22(3): 407-419.

Loomis, J., Rameker, V., and Seidl, A. 2004. A Hedonic Model of Public Market Transactions for Open Space Protection. *Journal of Environmental Planning and Management* 47(1): 83-96.

Nahuelhual-Munoz, L., Loureiro, M., and Loomis, J. 2004. Addressing Heterogeneous Preferences Using Parametric Extended Spike Models. *Environmental and Resource Economics* 27: 297-311.

Loomis, J. and Caughlan, L. 2004. Linking Intended Visitation to Regional Economic Impact Models of Bison and Elk Management. *Human Dimensions of Wildlife* 9:17-33.

Outreach

Instructor for Bureau of Land Management's Socioeconomic training course.

David Mushinski – Economics

Research

Mushinski, David and Stephan Weiler (2002) "A Note on the Geographic Interdependencies of Retail Market Areas." *Journal of Regional Science*, 42:1, 75-86.

Ron Phillips – Economics

Research

"The Federal Home Loan Bank System and the Farm Credit System: Historic Parallels and Implications for Systemic Risk" in **Too Big to Fail**, edited by Benton Gup, Praeger Books, 2004, pp.107-140. (co-authored with David Nickerson)

Visiting Research Fellow at the American Institute for Economic Research, Great Barrington, Massachusetts, June-July 2004.

Service/Outreach

Quoted in the *Northern Colorado Business Report* and the *Coloradoan* about the current state of the economy.

Attended Federal Reserve Bank of Chicago Conference on Bank Structure and Competition, May 2004.

Charles Revier – Economics

Research

"School Spending and the Taxpayer Bill of Rights," *Colorado's Future: Meeting the Needs of a Changing State*, Center for Colorado Policy Studies, University of Colorado at Colorado Springs, 2003, 39-44.

“Estimating the Public Good Value of Preserving a Local Historic Landmark: The Role of Non-Substitutability and Citizen Information,” *Urban Studies* 41 (September 2004): 2025-2041. (Co-authored with Robert W. Kling and Karin Sable).

Conference presentation: “Constrained Contingent Valuation of a Historic Landmark,” *Econometrics of Cultural Goods*, 85th International Conference of the Association d’Économétrie Appliquée, Padova, Italy, April 22-23, 2004. (Co-Authored with Bob Kling).

Andrew Seidl – DARE

Peer reviewed work:

Potential economic impact of Chronic Wasting Disease in Colorado. 2004. *Human Dimensions of Wildlife*. 9(3): 241-246. Seidl, A. and S.R. Koontz.

What’s in a name? Extracting econometric drivers to assess the impact of National Park designation. 2004. *Journal of Regional Science*. May 2004. 44(2): 245-262. S. Weiler and A. Seidl.

A hedonic model of public market transactions for open space protection. 2004. *Journal of Environmental Planning and Management*. 47(1): 83-96. J.B. Loomis, V. Rameker and A. Seidl. January 2004.

Agricultural land preservation in the United States: Fundamental Approaches and Resources. 2004. USDA-CSREES.

http://www.csrees.usda.gov/nea/nre/in_focus/ere_if_preserve.html (Hunt, F., Seidl, A. and Freegood, J. Formal authorship not attributed.)

Using the internet for community analysis: Sources of Western Data. 2004. *Community-Centered Research Series: Measuring what matters*. Western Rural Development Center. WRDC CCR2. Spring 2004. <http://extension.usu.edu/wrdc/>. A. Seidl and L. Elder.

Failing markets and fragile institutions in land use: Colorado’s experience. 2004/05. *Land use problems and conflicts: Causes, consequences and solutions*. S.J. Goetz, J.S. Shortle and J.C. Bergstrom, eds. Routledge Publishers. A. Seidl

Economic implications of Chronic Wasting Disease. 2003. *Wild Pro: Electronic Encyclopaedia Volume on Chronic Wasting Disease*. Seidl, A, Koontz, SR, Bruch, M, and L. Elder. <http://www.wildlifeinformation.org/Default.htm>

Landowner expectations and experiences with conservation easements. 2003. *Compensatory programs for conserving agricultural land*. Agricultural Issues Center, University of California, Davis. 262 pp, Pp 91-106. Andrew Marshall, Dana Hoag & Andrew Seidl. www.aic.ucdavis.edu

Opportunities and challenges for land use research and outreach in the Intermountain West. 2003. *Journal of Extension*. 41(5). October 2003. <http://www.joe.org/joe/2003october/a5.shtml> McLeod, D., Coupal, R., Seidl, A., Inman, K. and Taylor, D.

Multi-tiered and multi-disciplinary work teams: CSU CAFO Group Tackles Controversial Public Issues. 2003. *Journal of Extension*. 41(2). April 2003. <http://www.joe.org/joe/2003april/a2.shtml> A. Seidl.

Conference proceedings:

Rural land use and your taxes. 2004. Colorado's Future: The Challenge of Change. Center for Colorado Policy Studies, University of Colorado-Colorado Springs. <http://web.uccs.edu/ccps/pdf/ColoFuture03.Session3.pdf>. Seidl, A., Coupal, R., and D. McLeod.

Presentations:

Non-productive values of agricultural lands: Colorado's applied research and outreach experience. Annual Meeting of the American Agricultural Economics Association. Denver, Colorado, August 3, 2004. (15 people)

The arts as a driver of rural economic development in the West: An exploratory examination of the secondary data. Annual Meeting of the Western Economics Association International. Vancouver, BC, Canada. July 1 2004. Todres and Seidl.(Todres)

The Economics of Chronic Wasting Disease in Colorado. Wildlife and Society Annual Meeting. Dillon, CO. June 2, 2004. Seidl, Koontz and Magnan. (Seidl) (12 people).

Considering rural residential development and local service costs. Citizen Planners' Brownbag Speaker Series. Fort Collins, CO, May 7, 2004. (12 people)

Colorado's Rural Economy. USDA-Rural Development (Colorado) Annual Meeting. Denver, CO, April 23, 2004. (65 people)

What makes Montezuma County's economy tick: A look at the data. March 16, 2004.(90 people)

Montezuma County: Economic base analytics and perspectives. March 16, 2004.(50 people)

Cows, condos, coal beds and collegians: The economic base of La Plata County, Colorado. March 17, 2004. (15 people)

Winter tourism and land use in Gunnison County, Colorado. March 11, 2004. Southern Regional Science Association. New Orleans, Louisiana. Orens, Seidl and Weiler. (Orens)

Considering Moffat County's Economic Base: Economic and land use change scenarios to inform local decisionmaking. Craig CO. February 23, 2004. (10 people)

Understanding your economy through secondary data: Moffat County, Colorado. Quarterly meeting of the Colorado Rural Development Council, Craig, CO, February 5, 2004. Watson, Seidl and Davies. (Watson) (100 people)

Economic base of Moffat County,CO. Craig, CO, December 22, 2003. (18 people)

Moffat County Public Lands Preferences. Craig, CO, December 22, 2003. (18 people)

Public and private tools to guide growth and land use change in the USA. Rural/ Urban Issues Forum. Dec 16, 2003. Lawrence, Kansas (by video feed on CSU campus).(33 people).

Economics of rural residential growth. Johnstown Rotary Club Meeting. Johnstown, Colorado. December 5, 2003. (12 people)

Addressing Growth and Sprawl: Resources and Information for Extension Educators. National Public Policy Education Committee Annual Meeting, Salt Lake City, Utah. September 22, 2003. (60 people)

Rural Land Use and Your Taxes. Colorado Open Space Alliance Annual Meeting. Frisco, Colorado. September 19, 2003. w/ Coupal and McLeod. (15 people)

The fiscal impact of rural residential development. Colorado's Future: The challenge of change. Colorado Springs, Colorado. September 24, 2003. w/ Coupal and McLeod. (50 people)

Open lands preservation and land trust in the West: Roles for applied public issues outreach programming. Organized session entitled The Role of Land Trusts in Protection of Agricultural and Open Space Land. AAEA Annual Meeting, Montreal, Quebec, Canada, July 28, 2003. A. Seidl and D. McLeod. (25 people)

Chronic Wasting Disease and Public Issues Education. National Association of County Agricultural Extension Agents. Green Bay, Wisconsin. July 17, 2003. (30 people)

The Cost of Providing Community Services to Rural Residences in Colorado. Colorado Open Space Alliance Meeting, Golden, CO, April 25, 2003. w/ Coupal. (8 people)

Landowner satisfaction with conservation easements. Compensatory Options for Conserving Agricultural Land: A Research and Policy Conference. April 14, 2003, Sacramento, CA. Marshall, Hoag and Seidl. (Seidl) (80 people).

Growth & Land Use: Economic Issues. Community Development: Not Just a Matter of Numbers. CSU-CE February Inservice. Ft. Collins, CO. February 26, 2003. (16 people)

US Vegetable Basket—A Farm Program Idea? Colorado Produce Conference. University of Southern Colorado, Pueblo, CO, February 6, 2003. w/ Thilmany. (50 people).

Land Use Economics in the San Luis Valley. Public meeting on agricultural land conservation planning and strategy in the San Luis Valley. La Jara, CO, February 4, 2003. (16 people).

An Economic Base Analysis for Moffat County. Craig, CO, January 14, 2003. w/ Davies (12 people)

Outreach publications:

The effect of livestock industry location on rural residential property values. Economic Development Report, Department of Agricultural and Resource Economics, Colorado State University, September 2004, EDR04-12. 11 pp. D. Park, A. F. Seidl and S.P. Davies. <http://dare.agsci.colostate.edu/csUAGEcon/extension/pubstools.htm#EconDev>

The contribution of ranchland open space to winter tourism: Gunnison, CO: Executive Summary. Economic Development Report, Department of Agricultural and Resource Economics, Colorado State University, July 2004, EDR 04-11. A. Orens & A. Seidl. <http://dare.agsci.colostate.edu/csUAGEcon/extension/pubstools.htm#EconDev>

The contribution of ranchland open space to winter tourism: Gunnison, CO. Economic Development Report, Department of Agricultural and Resource Economics, Colorado State University, July 2004, EDR04-10. A. Orens & A. Seidl.

<http://dare.agsci.colostate.edu/csusagecon/extension/pubstools.htm#EconDev>

Community economic considerations of tourism development: Executive summary. Economic Development Report, Department of Agricultural and Resource Economics, Colorado State University, EDR04-07. June 2004. 3 pp. Magnan, N., & A. Seidl.

<http://dare.agsci.colostate.edu/csusagecon/extension/pubstools.htm#EconDev>

Community economic considerations of tourism development. Economic Development Report, Department of Agricultural and Resource Economics, Colorado State University, EDR04-06. June 2004. 28 pp. Magnan, N., & A. Seidl.

<http://dare.agsci.colostate.edu/csusagecon/extension/pubstools.htm#EconDev>

The economic base of La Plata County, Colorado: Executive summary. Economic Development Report, Department of Agricultural and Resource Economics, Colorado State University. EDR04-05. June 2004. 2 pp. Magnan, N., & A. Seidl.

<http://dare.agsci.colostate.edu/csusagecon/extension/pubstools.htm#EconDev>

The economic base of La Plata County, Colorado. Economic Development Report, Department of Agricultural and Resource Economics, Colorado State University. EDR- 04-04. June 2004. 43 pp. Magnan, N., and A. Seidl

<http://dare.agsci.colostate.edu/csusagecon/extension/pubstools.htm#EconDev>.

The economic base of Montezuma County, Colorado: Executive summary. Economic Development Report, Department of Agricultural and Resource Economics, Colorado State University. EDR04-03. June 2004. 2 pp. Magnan, N., & A. Seidl.

<http://dare.agsci.colostate.edu/csusagecon/extension/pubstools.htm#EconDev>

The economic base of Montezuma County, Colorado. Economic Development Report, Department of Agricultural and Resource Economics, Colorado State University. EDR04-02. June 2004. 39 pp. Magnan, N., & A. Seidl.

<http://dare.agsci.colostate.edu/csusagecon/extension/pubstools.htm#EconDev>

Understanding your economy through secondary data: Moffat County, Colorado. Economic Development Report, Department of Agricultural and Resource Economics, Colorado State University, April 2004, EDR04-09. Seidl, A. & P. Watson.

<http://dare.agsci.colostate.edu/csusagecon/extension/pubstools.htm#EconDev>

The public cost of agricultural land conversion. 2004. Profits outside the box: Agri-energy and beyond. Colorado Agricultural Outlook Forum. Pp 6-7. 28 p.

<http://www.coloradoagforum.com/forums/2004/relateddocs/whitebooklet.pdf>

Preferred public land use and policy in Moffat County: Final report of a countywide opinion survey. Tamara Todres, Andrew Seidl, Donald McLeod, Amy Bittner, Roger Coupal, and Kate Inman. Agricultural and Resource Policy Report, Department of Agricultural and Resource Economics, Colorado State University, December 2003, APR03-11. 56 pp.

<http://dare.agsci.colostate.edu/csusagecon/extension/pubstools.htm#LandUse>

- Moffat County Land Use and Planning Survey Results*. 2003. University of Wyoming Agricultural Experiment Station Bulletin. 38 pp. A. Bitner, D. McLeod, K. Inman, R. Coupal and A. Seidl.
- Chronic Wasting Disease Overview: Hunter Information*. 2003. Agricultural and Resource Policy Report, Department of Agricultural and Resource Economics, Colorado State University, June 2003, APR03-04.
<http://dare.agsci.colostate.edu/csusagecon/extension/pubstools.htm#LiveStock>. Seidl, A, Koontz, SR, Bruch, M, and L Elder
- Chronic Wasting Disease: Government and Private Sector Action*. 2003. Agricultural and Resource Policy Report, Department of Agricultural and Resource Economics, Colorado State University, June 2003, APR03-06.
<http://dare.agsci.colostate.edu/csusagecon/extension/pubstools.htm#LiveStock>. Seidl, A, Koontz, SR, Bruch, M, and L Elder.
- Chronic Wasting Disease and Theories of Transmissible Spongiform Encephalopathy 2003. Transmission*. Agricultural and Resource Policy Report, Department of Agricultural and Resource Economics, Colorado State University, June 2003, APR03-05.
<http://dare.agsci.colostate.edu/csusagecon/extension/pubstools.htm#LiveStock>. Seidl, A, Koontz, SR, Bruch, M, and L Elder.
- Economic implications of Chronic Wasting Disease*. 2003. Agricultural and Resource Policy Report, Department of Agricultural and Resource Economics, Colorado State University, June 2003, APR03-07.
<http://dare.agsci.colostate.edu/csusagecon/extension/pubstools.htm#LiveStock>. Seidl, A, Koontz, SR, Bruch, M, and L Elder.
- Rural Land Use and Your Taxes: The Fiscal Impact of Rural Residential Development in Colorado: Executive Summary*. Agricultural and Resource Policy Report, Department of Agricultural and Resource Economics, Colorado State University, May 2003, APR03-03.
<http://dare.agsci.colostate.edu/csusagecon/extension/pubstools.htm#LandUse>. 3 pp. R. Coupal and A. Seidl.
- Rural Land Use and Your Taxes: The Fiscal Impact of Rural Residential Development in Colorado*. Agricultural and Resource Policy Report, Department of Agricultural and Resource Economics, Colorado State University, March 2003, APR03-02.
<http://dare.agsci.colostate.edu/csusagecon/extension/pubstools.htm#LandUse>. 25 pp. R. Coupal and A. Seidl
- Using the Internet for Community Analysis: Sources of Western Data*. Western Rural Development Center. Seidl and Elder. <http://extension.usu.edu/WRDC/>
- Farm Bill 2002: New Opportunities for Conservation and Compensation in 2003*. 2003. Governor's Agricultural Outlook Forum. February 2003. Denver Colorado.
<http://www.coloradoagforum.com/>
- External funding:*
Resident preferences for ranch open space in Routt County, Colorado, \$5,000.
Winter tourist preferences for ranch open space in Routt County, Colorado, \$5,000.
Economic Profile of Moffat County: An Input-Output Analysis. Moffat County, Colorado. \$15,000
- A Travel Cost and Contingent Behavior Analysis of Tourism Visits to Gunnison County, Colorado*. Colorado Conservation Trust. \$15,000.

Steven Shulman – Economics

Research

Johannsson, Hannes, Stephan Weiler, and Steven Shulman (2003) “Immigration and the Labor Force Participation of Low-Skill Native Workers.” *Research in Labor Economics*, 22, 291-308.

Hogler, Raymond, Steven Shulman, and Stephan Weiler (2004) “Right-To-Work Legislation, Social Capital, and Variations in State Union Density” *Review of Regional Studies*, 34(1), 95-111.

Hogler, Raymond, Steven Shulman, and Stephan Weiler (2004) “Right-to-Work Laws and Business Environments: An Analysis of State Labor Policy.” *Journal of Managerial Issues*, 16(3), 289-304.

Dawn Thilmany – DARE

Research

Thilmany, D. and P. Watson. “The Increasing Role of Direct Marketing and Farmers Markets for Western US Producers.” *Western Economics Forum* 3 (December 2004).

Thilmany, D. “Direct Food Marketing to Restaurants through Existing Farmer’s Market Alliances: The Case of Colorado Crop to Cuisine.” *Review of Agricultural Economics*. 26(September 2004) 404-17.

Thilmany, D. “Agricultural Workers Trends and Issues in the Mountain West.” *2004 Journal of American Society of Farm Managers and Rural Appraisers*. Summer 2004. pp 49-56.

Thilmany, D. and E. Garner. Agricultural Statistics. Invited chapter for *Encyclopedia of Social Measurement*. Kimberly Kempf-Leonard, Editor-in-Chief. Academic Press. November 2004. pp. 53-58.

Colorado Institute of Public Policy. Bio-Pharming in Colorado: A Guide to Issues for Making Informed Choices. October 2004. Working Committee Member and Major Contributor.

Thilmany, D., S. Davies, A. Ziehl, K. Johnson, J. Pritchett and W. Umberger. Empirical Approaches with the USDA Retail Meat Price Series: A Final Report on the Colorado State University-ERS Cooperative Agreement April 2004.

Thilmany, D. Colorado Homestead Ranches: A Business Plan Overview and Market Analysis. Report to Colorado Homestead Ranches and USDA Rural Development Value Added Grant. December 2004 (with Josh Wilson, Amanda Ziehl, Ed Sparling and Wendy Umberger).

Davies, S., P. Watson, D. Thilmany, A. Cramer, J. Wilson, P. Elzi and N. Prosser. Golf in Colorado: An Independent Study of the 2002 Economic Impact and Environmental Aspects of Golf in Colorado. Report to the Colorado Golf Association. Fall 2004. <http://www.golfhousecolorado.org/cga/index.html>

Contracts/Grants:

Colorado Crop to Cuisine: Strengthening Market Relationships between Chefs and Specialty Crop Producers. Grant from CSU Specialty Crops Program. \$10,000 funded of a \$19,000 budget. (through Honeyacre Enterprises). March 2004-January 2005.

Rocky Mountain Regional Rural Cooperative Development Grant proposal. Funded subcontract with Rocky Mountain Farmers' Union Cooperative Center. \$40,000 of a \$323,000 total grant. March-December 2004. (with S. Hine) End date December 2004, but amendment for new money in process).

Economic Analysis of Water Resource Use Efficiency in Golf. Proposal to the United States Golf Course Superintendents Association. \$18,950. (with P. Watson and E. Schuck).

Service/Outreach

Golf in Colorado: An Independent Study of the 2002 Economic Impact and Environmental Aspects of Golf in Colorado. Report to the Colorado Golf Association. Fall 2004. (with S. Davies, P. Watson, Peter Elzi, Ned Prosser and Amanda Cramer).

A Curriculum for Niche Beef Marketing and Production. Developed with American Farmland Trust. February 2004 release. (with Wendy Umberger, Amanda Ziehl, Tom Field, John Scanga and Martha Sullins).

Market Fresh. Colorado Agricultural Experiment Station Annual Report. 2004. (with Adrian Card)

Farmers Markets and Direct Marketing: Opportunities for Colorado Producers. ABM Update, Vol. 1, September 2004.

AMR 04-03. Direct Marketing Agricultural Producers to Restaurants: The Case of Colorado Crop to Cuisine. September 2004. 9 pp. (with K. Pepinsky)

EDR- 04-13. Executive Summary: The Golf Industry in Colorado September 2004. 2 pp. (with P. Watson, S.P. Davies and J. Wilson)

AMR 04-01. Consumer Response to Beef due to the December 2003 BSE Incident in the US.

APR 04-01. Resource and Environmental Aspects of Golf in Colorado (with S. Davies and P. Watson). April 2004.

EDR 04-01. The Economic Contribution of Colorado's Green Industry. (with S. Davies and P. Watson). March 2004.

Farm to Table: Understanding Local Food Links. Presentation to Fort Collins food policy group. November 2004. (with Katy Pepinsky and Adrian Card). 45 present. Evaluations showed an average 2 point increase in knowledge on food policy issues on a 10 point scale.

The Economic Contribution of Colorado's Golf Industry. Presentation to the Colorado Golf Association's Governors Outing. June 2004. Firestone CO. (with S. Davies and P. Watson).

Financial feasibility of a Beef Processing Plant. Presentation to Colorado Homestead Ranches. May 2004. Paonia CO. (with A. Ziehl). 7 in attendance.

Economic Outlook for the Colorado Landscape Contracting Sector. Presentation to the Northern Colorado Association of Landscape Contractors. March 2004. Fort Collins CO. 38 present.

New Retail and Direct Sales Opportunities for Northern Colorado Food Producers. Presentation at Colorado Harmony Market. March 2004. Fort Collins CO. 29 present.

Stephan Weiler – Economics

Teaching

- Taught EC463 (“Regional Economics in the Rockies”)
 - Honors option project on Colorado rural health care provision
- Provided funding support for Colorado-focused PhD dissertation
 - Ben Widner working on spatial econometrics and benefit/cost analysis
- Coordinated several PhD advisee conference presentations on Colorado topics
 - AFIT/April, CU-CS/September, RSAI/November
- Provided high-profile intern opportunity for 2 Economics majors
 - Northern Colorado Econ Devpt Corp primary employer project
- Further developed network for future EC492/Capstone course projects
 - Past success with team consultancy model
 - Possible future projects in conjunction with
 - NCEDC – Capstone role in annual surveys and results analysis
 - Regional Extension Offices (e.g. Pueblo/San Luis Valley)
 - Lake County via Leadville
 - Summit County via NWCCOG

Published Journal Articles and Book Chapters:

- Weiler, Stephan and Benjamin Widner (2003) "The Business Potential of Inner-City Denver: Universities and Private Capital as Complements." In *Proceedings of 'Colorado's Future' Conference*, pp. 25-34. Colorado Springs: Center for Colorado Policy Studies.
- Johannsson, Hannes, Stephan Weiler, and Steven Shulman (2003) "Immigration and the Labor Force Participation of Low-Skill Native Workers." *Research in Labor Economics*, 22, 291-308.
- Weiler, Stephan, John Loomis, Robert Richardson, and Stephanie Shwiff (2003) "Driving Regional Models with a Statistical Model: Possibilities for Hypothesis Tests on Economic Impacts." *Review of Regional Studies*, 32(1), 97-111.
- Weiler, Stephan, Jesse Silverstein, Katherine Chalmers, Erin Lacey, William Rogers, and Benjamin Widner (2003) "Understanding the Retail Business Potential of Inner Cities." *Journal of Economic Issues*, 37(4), 1075-1106.
- Weiler, Stephan and Becky Zerlentes (2003) "Maquila Sunrise or Sunset? Evolutions of Regional Production Advantages." *Social Science Journal*, 40(2), 283-297.
- Cutler, Harvey, Scott England, and Stephan Weiler (2004) "Determining Regional Structure Through Cointegration." *Review of Regional Studies*, 33(2): 164-183.
- Hogler, Raymond, Steven Shulman, and Stephan Weiler (2004) "Right-To-Work Legislation, Social Capital, and Variations in State Union Density" *Review of Regional Studies*, 34(1), 95-111.
- Hogler, Raymond, Steven Shulman, and Stephan Weiler (2004) "Right-to-Work Laws and Business Environments: An Analysis of State Labor Policy." *Journal of Managerial Issues*, 16(3), 289-304.
- Johannsson, Hannes and Stephan Weiler (2004) "Local Labor Market Adjustment to Immigration." *Growth and Change*, 35(1), 61-76.
- Scorsone, Eric and Stephan Weiler (2004) "New Markets as Informational Asymmetries." *Economic Development Quarterly*, 18(3), 303-313.
- Weiler, Stephan and Andrew Seidl (2004) "What's In a Name? Extracting Econometric Drivers to Assess the Impact of National Park Designation." *Journal of Regional Science*, 44(2), 245-264.
- Weiler, Stephan and David Theobald (2004) "Pioneers of Rural Sprawl in the Rocky Mountain West." *Review of Regional Studies*, 33(3): 264-283.

Federal Reserve Bank Publications:

- Weiler, Stephan. "Racing Towards New Frontiers: Helping Regions Compete in the Global Marketplace." *The Main Street Economist*. March 2004.

Drabenstott, Mark, Nancy Novack, and Stephan Weiler. "New Approaches to Rural Policy: Lessons from Around the World." *The Main Street Economist*. June 2004.

Henderson, Jason and Stephan Weiler. "Defining 'Rural' America." *The Main Street Economist*. July 2004.

Drabenstott, Mark, Nancy Novack, and Stephan Weiler. "New Governance for a New Rural Economy: Reinventing Public and Private Institutions." *The Main Street Economist*. August 2004.

Henderson, Jason and Stephan Weiler. "Beyond Cows and Corn: Rural America in the 21st Century." *The Main Street Economist*. October 2004.

Drabenstott, Mark, Stephan Weiler, and Nancy Novack. "New Approaches to Rural Policy: Lessons from Around the World – A Conference Summary." Federal Reserve Bank of Kansas City *Economic Review*, pp. 97-104. Third Quarter 2004.

Drabenstott, Mark, Jason Henderson, Sarah Low, Sean Moore, Nancy Novack, and Stephan Weiler. "Building Prosperity in Regions: The Road Less Traveled." *The Main Street Economist*. December 2004.

Drabenstott, Mark, Nancy Novack, and Stephan Weiler. "New Governance for a New Rural Economy: Reinventing Public and Private Institutions – A Conference Summary." Federal Reserve Bank of Kansas City *Economic Review*, pp. 55-70. Fourth Quarter 2004.

Other Published Papers:

Pritchett, James and Stephan Weiler. "Estimated Economic Impact of Well Depletions by Groundwater Appropriators of the South Platte (GASP)." *CSU Agricultural and Resource Policy Report 03-01*. January 2003.

Pritchett, James and Stephan Weiler. "Estimated Economic Impact of Well Depletions by the Groundwater Appropriators of the South Platte (GASP)." *Colorado Water*, 8-10. February 2003.

Weiler, Stephan et al. "Westwood Neighborhood Brownfield Redevelopment Opportunities: A Template for Evaluating Brownfield Site Potential." *Technical Report for the U.S. Economic Development Administration Grant 05-87-03365-01*. October 2003.

Hobbs, N. Thompson, et al. "Future Impacts Of Global Climate On Rocky Mountain National Park: Its Ecosystems, Visitors, And The Economy Of Its Gateway Community – Estes Park." *Final Report for US Environmental Protection Agency STAR Program*. November 2003.

Selected Scholarly Presentations:

American Real Estate and Urban Economics. "Evaluating the Private and Social Returns of Brownfield Redevelopment." January 2003. Washington, DC.

Colorado Telecommunications Association. Keynote Address. "Seizing Economic Opportunity in Rural Colorado." February 2003. Denver, CO.

University of Kentucky. "Informational Market Failure in Local Economic Development." March 2003. Lexington, KY.

Western Economic Association. "Optimal Regional Employment Portfolios." July 2003. Denver, CO.

Colorado Brownfields Foundation. "The Impact of Brownfields on Neighborhood Values." September 2003. Denver, CO.

Colorado State University. Tinnermeir Memorial Speaker Series. "Rural Economic Development and the Federal Reserve." February 2004. Fort Collins, CO.

Iowa Bankers Association. Keynote Address. "A New Economy for Rural America." May 2004. Ames, IA.

Western Economic Association. "The Geography of Monetary Policy Impacts." July 2004. Vancouver, BC.

University of Colorado at Denver. "Developing a Research Agenda to Help Reinvent Rural America." October 2004. Denver, CO.

Colorado Institute for Public Policy. "Rural and Inner-City Information Challenges: A New Economic Development Role for Universities." October 2004. Fort Collins, CO.

Regional Science Association International. "Re-evaluating Regional Economic Assets in a Post-Commodity Era." November 2004. Seattle, WA.

Completed Thesis/Dissertation Chair:

Rogers, William (2004) "Assessing the Market for Institutions: The Case of Homeowners Associations." PhD Dissertation.

Martin, Brigit (2003) "The Impact of Parklands on New Jersey Growth." MA Thesis.

Ongoing Thesis/Dissertation Chair

Bonner, Emily “3 Papers on Risk and Returns in Regional Economic Development and Finance.” PhD Dissertation.

Hudson, Wade “Retail Market Areas and Big-Box Retailer Impacts,” PhD Dissertation.

Warren, Jennifer “The Baby Boom and Second Home Effects on High-Amenity Mountain Communities,” MA Technical Paper.