



## SCHOLARLY AND PROFESSIONAL HONORS

Member, Editorial Board, *Review of Agricultural Economics*, 2004-2007.

Member, Editorial Council, *Journal of Agricultural and Applied Economics*, 2002-2005.

Fellow, Rural Development Research Consortium, 2003-present

Senior Research Fellow, Southern Rural Development Center, 2002-2003.

Outstanding Journal Article in the *American Journal of Agricultural Economics*, American Agricultural Economics Association, 1990.

Kenneth Keller Award for Outstanding Doctoral Dissertation, North Carolina State University College of Agriculture and Life Sciences, 1988.

## PUBLICATIONS

### Journal Articles:

1. Renkow, Mitch. 2006. "Employment Growth and the Allocation of New Jobs: Evidence from the South." *Review of Regional Studies* 36(1): forthcoming.
2. Renkow, Mitch, Daniel G. Hallstrom, and Daniel D. Karanja. 2004. "Rural Infrastructure, Transactions Costs and Market Participation in Kenya." *Journal of Development Economics* 73(1): 349-367.
3. L. Hernando Hintze, Mitch Renkow, and Gustavo Sain. 2003. "Variety Characteristics, Transactions Costs, and Maize Adoption in Honduras." *Agricultural Economics* 29(3): 307-317.
4. Karanja, Daniel D., Mitch Renkow, and Eric Crawford. 2003. "The Welfare Effects of Maize Technologies in Marginal and Favored Regions of Kenya." *Agricultural Economics* 29(3): 331-341.
5. Renkow, Mitch. 2003. "Employment Growth, Worker Mobility, and Rural Economic Development." *American Journal of Agricultural Economics* 85(2): 504-514.
6. Renkow, Mitch. 2000. "Poverty, Productivity, and Production Environment: A Review of the Evidence." *Food Policy* 25: 463-478.
7. Renkow, Mitch and Dale M. Hoover. 2000. "Commuting, Migration, and Rural-Urban Population Dynamics." *Journal of Regional Science* 40(2): 261-287.
8. Keeler, Andrew G. and Mitch Renkow. 1999. "Private Versus Public Garbage Disposal: The Economics Of Solid Waste Flow Controls." *Growth and Change* 30(4): 430-444.
9. Renkow, Mitch and A. Robert Rubin. 1998. "Does Municipal Solid Waste Composting Make Economic Sense?" *Journal of Environmental Management* 48(11): 339-347.
10. Keeler, Andrew G. and Mitch Renkow. 1996. "Landfills: Why Are Local Governments Down in the Dumps?" *Choices* 11(2): 9-12.

11. Renkow, Mitch. 1996. "Income Non-Convergence and Rural-Urban Earnings Differentials: Evidence from North Carolina," *Southern Economic Journal* 63(4): 1017-1028.
12. Renkow, Mitch and Andrew G. Keeler. 1996. "Determining the Optimal Landfill Size: Is Bigger Always Better?" *Journal of Environmental Management* 46(1): 67-75.
13. Keeler, Andrew G. and Mitch Renkow. 1994. "Haul Trash or Haul Ash: Energy Recovery as a Component of Local Solid Waste Management." *Journal of Environmental Economics and Management* 27(6): 205-217.
14. Renkow, Mitch. 1994. "Technology, Production Environment, and Household Income: Assessing the Regional Impacts of Technological Change." *Agricultural Economics* 10(3): 219-232.
15. Renkow, Mitch, Charles Safley, and Jeff Chaffin. 1994. "A Cost Analysis of Municipal Yard Trimmings Composting." *Compost Science and Utilization* 2(2): 22-34.
16. Renkow, Mitch. 1993. "Differential Technology Adoption and Income Distribution in Pakistan: Implications for Research Resource Allocation." *American Journal of Agricultural Economics* 75(1): 33-43.
17. Renkow, Mitch. 1993. "Land Prices, Land Rents, and Technological Change: Evidence from Pakistan." *World Development* 21(5): 791-804.
18. Traxler, Gregory J., Mitch Renkow, and Larry Harrington. 1991. "Assessing the Impact of New Technology: Three Levels of Analysis." *Journal of the Asian Farm Systems Association* 1(2): 227-244.
19. Renkow, Mitch. 1990. "Household Inventories and Marketed Surplus in Semisubsistence Agriculture." *American Journal of Agricultural Economics* 72(3): 664-675.

#### **Book Chapters:**

1. Renkow, Mitch. 2006. "The Wealth of Nations: Why Are Some Countries Rich While Others Are Poor?" in Michael Walden (ed.), *Battleground: Economics and Business*. Westport, CT: Praeger Publishers (forthcoming).
2. Renkow, Mitch. 2006. "Cities, Towns, and the Rural Nonfarm Economy," in Steve Haggblade, Peter Hazell, and Thomas Reardon (eds.), *Strategies For Stimulating Growth of the Rural Nonfarm Economy in Developing Countries*, Baltimore: Johns Hopkins University Press, forthcoming.
3. Heisey, Paul L. and Mitch Renkow. 2003. "Agricultural R&D, Resources, and Productivity," in K. Wiebe (ed.), *Land Quality, Agricultural Productivity and Food Security: Biophysical Processes and Economic Choices at Local, Regional and Global Levels*, Cheltenham, UK & Northampton MA, USA: Edward Elgar, pp. 405-430.
4. Renkow, Mitch and A. Robert Rubin. 2001. "Does Municipal Solid Waste Composting Make Economic Sense?" in R. Kerry Turner, Ian Bateman and Jane Powell (eds.), *Waste*



5. Renkow, Mitch and Andrew G. Keeler. 1996. "Cherry Pickers and Sore Losers: The Economics of Solid Waste Flow Control." Presented at the 1996 AAEA meeting. Abstract in *American Journal of Agricultural Economics* 78(5): 1386.
6. Feitshans, Ted and Mitch Renkow. 1996. "Flow Control and the Political Economy of Solid Waste Management." Organized Symposium at the 1996 SAEA meeting. Abstract in *Journal of Agricultural and Applied Economics* 28(1): 233.
7. Renkow, Mitch and Andrew G. Keeler. 1995. "Determining the Optimal Landfill Size: Is Bigger Always Better?" Presented at the 1995 SAEA meeting. Abstract in *Journal of Agricultural and Applied Economics* 27(1): 334.
8. Renkow, Mitch. 1994. "Explaining Income Convergence: The Determinants of Earnings in Rural and Urban Areas." Presented at the 1994 AAEA meeting. Abstract in *American Journal of Agricultural Economics* 76(5): 1268.
9. Renkow, Mitch and Gregory J. Traxler. 1994. "Grain-Fodder Tradeoffs and Varietal Adoption in Mixed Farming Systems." Presented at the 1994 AAEA meeting. Abstract in *American Journal of Agricultural Economics* 76(5): 1264
10. Keeler, Andrew G. and Mitch Renkow. 1992. "Haul Trash or Haul Ash: Local Government Decision-Making for Solid Waste Disposal." Presented at the 1992 AAEA meeting. Abstract in *American Journal of Agricultural Economics* 74(5): 1296.
11. Renkow, Mitch. 1989. "Differential Welfare Effects of Technical Change in Developing Countries: A Simulation Analysis." Presented at the 1989 AAEA meeting. Abstract in *American Journal of Agricultural Economics* 71(5): 1344.
12. Renkow, Mitch. 1988 "Household Inventories and Marketed Surplus in Semisubsistence Agriculture." Presented at the 1988 AAEA meeting. Abstract in *American Journal of Agricultural Economics* 70(5): 1204-1205.
13. Renkow, Mitch, Dana L. Hoag and Raymond Daniels. 1986. "What Really is Soil? Policy Implications for the South." Presented at the 1986 SAEA meeting. Abstract in *Southern Journal of Agricultural Economics* 18(1): 177.

#### **Extension Publications:**

1. Walden, M.L. and Mitch Renkow. 2006. "Residential Impact Fees: What Are the Impacts?" *NC State Economist* (May).
2. Renkow, Mitch. 2006. "The Cost of Community Services in Orange County." Report to Orange County Commissioners.
3. Renkow, Mitch. 2005. "Wal-Mart and the Local Economy." *NC State Economist* (November).
4. Renkow, Mitch. 2004. "Economic Impacts of Residential Development: Lessons from Chatham County." *NC State Economist* (November).

5. Renkow, Mitch. 2004. "Population, Employment, and Mobility In The Rural South." SRDC Policy Series Paper No. 3, Southern Rural Development Center, Mississippi State, MS.
6. Renkow, Mitch. 2004. "Population Growth in the Worker Mobility in the South: Implications for Smart Growth." *Southern Perspectives* 7(4): 4-5.
7. Renkow, Mitch. 2003. "Population Deconcentration and the Rural South." *Southern Perspectives* 7(4): 1-3.
8. Renkow, Mitch. 2003. "Population Deconcentration in the South." *NC State Economist* (November).
9. Renkow, Mitch. 2002. "Rural Employment Growth: Who Gets the Jobs?" *NC State Economist* (July).
10. Feitshans, Ted and Mitch Renkow. 2002. "Farmland Preservation: Law and Economics." *NC State Economist* (March).
11. Renkow, Mitch. 2001. "Non-metropolitan Population Trends in North Carolina: Rural Renaissance or Urban Sprawl?" *Southern Perspectives* 5(3).
12. Renkow, Mitch. 2001. "The Rural-Urban Digital Divide." *NC State Economist* (August).
13. Renkow, Mitch. 2001. "The Cost of Community Services in Wake County." Report to Wake County and the Triangle J Council of Governments.
14. Overcash, Michael, Mitch Renkow, and Kelly Zering. 2001. "Technical and Economic Evaluation of Alternatives for Animal Waste Management in North Carolina." Report to the Water Resources Research Institute.
15. Renkow, Mitch. 2000. "Explaining Rural Population Trends." *NC State Economist* (June).
16. Renkow, Mitch, Tom Vukina, and Jong-Hwa Lee. 1999. "Economic Analysis of Alternative Waste Management Technologies," in G. Havenstein (ed.), *Proceedings of the 1999 Animal Waste Management Symposium*, North Carolina State University, Raleigh, NC, pp. 350-353.
17. Renkow, Mitch. 1998. "The Cost of Community Services in Chatham County." Report to Chatham County Commissioners.
18. Renkow, Mitch. 1998. "Economic Trends Affecting Small and Home-Based Businesses." Report No. CD-44. North Carolina Cooperative Extension Service.
19. Fogarty, David and Mitch Renkow. 1997. "Agritourism Opportunities for North Carolina." AREP Factsheet No. 97-3, Applied Resource Economics and Policy Group, Department of Agricultural and Resource Economics, North Carolina State University.
20. Renkow, Mitch and Michael T. Hoover. (forthcoming). *Costs of On-Site Management Options: Software for Evaluating Wastewater Treatment Alternatives*. North Carolina Cooperative Extension Service, North Carolina State University.

21. Danielson, Leon, Billy Dunham, Simon Garber, Frank Humenik, Catherine McCracken, Mitch Renkow, and A. Robert Rubin. 1996. *A Wastewater Management Plan for Craven County: Report to the Craven County Commissioners*. North Carolina Cooperative Extension Service, North Carolina State University.
22. Renkow, Mitch and A. Robert Rubin. 1996. "Municipal Solid Waste Composting: Does It Make Economic Sense?" Factsheet No. AREP-96-3. Applied Resource Economics and Policy Group, Department of Agricultural and Resource Economics, NC State University.
23. Renkow, Mitch. 1995. "Rural vs. Urban Economic Growth: Why Do Rural Counties Lag Behind?" *Community and Rural Development News Capsules*, College of Agriculture and Life Sciences, North Carolina State University.
24. Doeksen, Gerald, Barry Jones, William Park, Mitch Renkow, Joseph Schmidt, and Richard Warner. 1995. *Decision Aids for Municipal Solid Waste Management in Rural Areas: An Annotated Bibliography*. Report of the Southern Rural Development Center Solid Waste Management Task Force, SRDC, Mississippi State University.
25. Renkow, Mitch. 1994. "The Economics of Solid Waste Management." *NC State Economist* (August).
26. Renkow, Mitch. 1994. "The Cost of County Recycling Programs in North Carolina." Factsheet No. AREP-94-8. Applied Resource Economics and Policy Group, Department of Agricultural and Resource Economics, North Carolina State University.
27. Renkow, Mitch, Leon Danielson, and L. Steven Smutko. 1994. "The Role of Strategic Planning in Community Decision-Making on Environmental Issues." Factsheet No. AREP-94-4. Applied Resource Economics and Policy Group, Department of Agricultural and Resource Economics, North Carolina State University.
28. Renkow, Mitch and S. Garber. 1993. "Strategic Planning for Rural Community Economic Development." Report No. CD-44. North Carolina Cooperative Extension Service.
29. Renkow, Mitch 1992. "North Carolina Income Variation by Counties." *NC State Economist* (October).

#### **Other Publications and Presented Papers:**

1. Renkow, Mitch and Frank Scrimgeour. 2005. "Maori/Non-Maori Income Gaps: Do Differences in Worker Mobility Play a Role?" Selected paper, 2005 American Agricultural Economics Association meetings, Providence, RI.
2. Renkow, Mitch. 2005. "Employment Growth and the Allocation of New Jobs: Evidence from the South." Contributed paper, 2005 Western Regional Science Association meetings, San Diego, CA.
3. Renkow, Mitch and Frank Scrimgeour. 2004. "Maori/Non-Maori Income Gaps: Do Differences in Worker Mobility Play a Role?" Contributed paper, 2004 New Zealand Association of Economists meetings, Wellington, New Zealand.

4. Renkow, Mitch and Bram Tucker. 2004. "Economic Behavior of Hunter-Gatherers: Evidence from the Mikea Forest of Madagascar." Contributed paper, 2004 Australian Agricultural and Resource Economics Society meetings, Melbourne, Australia.
5. Edmeades, Svetlana, Mitch Renkow, Melinda Smale and Dan Phaneuf . 2004. "Variety Demand in Integrated Agricultural Household Model with Attributes: Implications for Emerging Crop Biotechnologies." Selected paper, 2004 American Agricultural Economics Association meetings, Denver, CO.
6. Edmeades, Svetlana, Melinda Smale, Mitch Renkow, and Dan Phaneuf. 2004. "Variety Demand within the Framework of an Agricultural Household Model with Attributes: The Case of Bananas in Uganda." EPTD Discussion Paper No. 125, Washington, DC: International Food Policy Research Institute.
7. Wohlgenant, Michael K., Kelly D. Zering, Tom Vukina, Jan Chvosta, Michele Marra, Mitch Renkow, Ada Wossink, Mary K. Muth, and Brian C. Murray. 2003. "Economic Feasibility Assessment of the Smithfield Foods Agreement: Costing of Alternative Waste Management Technologies and Modeling Effects on North Carolina Pork Industry Components." Paper presented at the North Carolina State University Animal Waste Workshop, Raleigh, NC, October 17, 2003
8. Renkow, Mitch. 2003. "Employment Growth and the Allocation of New Jobs: Evidence from the South." Selected paper, 2003 American Agricultural Economics Association meetings, Montreal, Canada.
9. Edmeades, Svetlana, Melinda Smale, and Mitch Renkow. 2002. "Variety Choice and Attribute Trade-Offs in Household Production Models: The Case of Bananas in Uganda." Contributed paper presented at the Planning Workshop on Designing Social and Economic Research to Enhance the Success of Banana Improvement and Dissemination in East Africa. Kampala, Uganda, November 7-11, 2002.
10. Karanja, Daniel D., Mitch Renkow, and Eric V. Crawford. 2002. "The Welfare Effects of Maize Technologies in Marginal and Favored Regions of Kenya." Contributed paper presented at the International Conference on Impacts of Agricultural Research and Development, San Jose, Costa Rica, February 4-7, 2002.
11. L. Hernando Hintze, Mitch Renkow, and Gustavo Sain. 2002. "Variety Characteristics, Transactions Costs, and Maize Adoption in Honduras." Contributed paper presented at the International Conference on Impacts of Agricultural Research and Development, San Jose, Costa Rica, February 4-7, 2002.
12. Karanja, Daniel D., Mitch Renkow, and Eric V. Crawford. 2002. "The Welfare Effects of Maize Technologies in Marginal and Favored Regions of Kenya." Selected paper presented at the 2001 American Agricultural Economics Association meeting, Long Beach, CA.
13. L. Hernando Hintze, Mitch Renkow, and Gustavo Sain. 2002. "Variety Characteristics, Transactions Costs, and Maize Adoption in Honduras." Selected paper presented at the 2001 American Agricultural Economics Association meeting, Long Beach, CA.

14. Renkow, Mitch, Daniel G. Hallstrom, and Daniel D. Karanja. 2002. "Rural Infrastructure, Transactions Costs and Market Participation in Kenya." Invited seminar presented at the International Food Policy Research Institute, Washington, DC, May 20, 2002.
15. Renkow, Mitch, Daniel G. Hallstrom, and Daniel D. Karanja. 2001. "Rural Infrastructure, Transactions Costs, and Marketed Surplus in Kenya." Selected paper presented at the 2001 American Agricultural Economics Association meeting, Chicago, IL.
16. Renkow, Mitch. 2001. "Worker Mobility, Residential Choice, and the Allocation of New Jobs." Selected paper presented at the 2001 American Agricultural Economics Association meeting, Chicago, IL.
17. Renkow, Mitch and Daniel G. Hallstrom. 2000. "Infrastructure Investment, Transactions Costs, and Rural Poverty Alleviation." Poster presented at the 24<sup>th</sup> International Association of Agricultural Economists meeting, Berlin, Germany, August 13-18, 2000.
18. Tokgoz, Simla, Mitch Renkow, and Leon Danielson. 2000. "Incorporating Commuting into a Fiscal Impact Model." Selected paper to be presented at the 2000 Southern Regional Science Association meeting, Miami, FL.
19. Renkow, Mitch. 1999. "Poverty, Productivity, and Production Environment: A Review of the Evidence." Invited plenary paper presented at the CIAT International Workshop, "Assessing the Impact of Research on Poverty Alleviation", Sept. 14-16, 1999, San Jose, Costa Rica.
20. Renkow, Mitch. "Commuting, Migration, and the Nonmetropolitan Turnaround." Invited seminar presented at Michigan State University, September 24, 1998.
21. Renkow, Mitch, Tom Vukina, and Jong-Hwa Lee. 1998. "Economic Analysis of Alternative Waste Management Technologies." Poster presented at the Animal Waste Symposium, North Carolina State University, Raleigh, NC.
22. Renkow, Mitch, Tom Vukina, and Hallie Northrop. 1998. "Economic Analysis of Alternative Waste Management Technologies." *Proceedings of the International Conference on Animal Production Systems and the Environment*, Des Moines, Iowa.
23. Renkow, Mitch. 1997. "Economic Aspects of Waste Reuse." *Proceedings of The Business of Beneficial Waste: Value-Added Waste Products Conference*, Animal and Poultry Waste Management Facility, NC State University.
24. Hoover, Michael and Mitch Renkow. 1997 (forthcoming). "Technical Specifications for the COSMO On-Site System Cost Estimation Tool." Technical Bulletin. College of Agricultural and Life Sciences. North Carolina State University.
25. Renkow, Mitch, Dale M. Hoover, and Jon Yoder. 1997. "Commuting and Migration in Regional Labor Markets: Evidence from North Carolina." ARE Report No. 13. Department of Agricultural and Resource Economics, North Carolina State University.
26. Renkow, Mitch and A. Robert Rubin. 1996. "Municipal Solid Waste Composting: Does It Make Economic Sense?" Paper presented at the Composting in the Carolinas conference,

Myrtle Beach, SC, October 1996.

27. Renkow, Mitch and Dale M. Hoover. 1996. "Assessing the Sources of Variation in Labor Force Participation in North Carolina." Paper presented at the Southern Regional Science Association meeting, Baltimore, MD, April 1996 .
28. Renkow, Mitch and Andrew G. Keeler. "Flow Control and the Political Economy of Solid Waste Management." Paper presented at an Organized Symposium at the 1996 SAEA meeting, Greensboro, NC.
29. Renkow, Mitch and Dale M. Hoover. "Commuting and Migration in Regional Labor Markets: Evidence from North Carolina." Paper presented at the Southern Regional Science Association meeting, San Antonio, TX, April 1995.
30. Renkow, Mitch, Charles Safley, and Jeff Chaffin. "A Cost Analysis of Municipal Yardwaste Composting." Paper presented at the Composting in the Carolinas conference, Charlotte, NC, January 1995.
31. Renkow, Mitch and Stephen Vosti. "Joint Production, Output Supply and Product Markets: Research and Policy Implications for Non-Timber Tree Products," paper presented at the International Food Policy Research Institute Conference on Policy Research Issues for Non-Timber Tree Product Markets, Washington, DC, December 1994.
32. Renkow, Mitch. "Explaining Income Non-Convergence: The Determinants of Earnings in Rural and Urban Areas." Paper presented at the Western Regional Science Association meeting, Tucson, AZ, February 1994.
33. Renkow, Mitch. "Explaining Income Non-Convergence: The Determinants of Earnings in Rural and Urban Areas." Invited paper presented to the Department of Agricultural Economics, Auburn University, January 1994.
34. Keeler, Andrew G. and Mitch Renkow. "Haul Trash or Haul Ash: Local Government Decision-Making for Solid Waste Disposal." Invited paper presented to the Department of Agricultural Economics, The University of Tennessee, March 1993.
35. Renkow, Mitch. "Technology, Environment, and Household Income: Assessing the Regional Impacts of Technological Change." Invited paper presented at the Rockefeller Foundation Social Science Fellows conference, El Batan, Mexico, November 1992.
36. Renkow, Mitch. "Explaining Income Convergence: The Determinants of Earnings in Rural and Urban Areas." Invited paper presented to the Department of Agricultural and Applied Economics, The University of Georgia, January 1992.
37. Renkow, Mitch. 1991. "Land Prices, Land Rents, and Technological Change: Evidence from Pakistan." CIMMYT Economics Working Paper 91/01. Mexico, D.F.: CIMMYT
38. Traxler, Gregory J., Mitch Renkow, and Larry Harrington. 1990. "Assessing the Impact of New Technologies: Three Levels of Analysis." Paper presented at the Asian Farming

Systems Research and Extension Symposium on Sustainable Farming Systems in 21st Century Asia, Bangkok, Thailand.

39. Hoag, Dana L., Raymond Daniels, Wendell Gilliam, and Mitch Renkow. 1986. "The Impact of Soil Erosion on Productivity: A TVA Assessment." Economics Special Report No. 93. Department of Economics and Business, North Carolina State University.
40. Renkow, Mitch, Jerry Leonard, and David L. Franklin. 1983. "The Potential Impacts of Alternative Structures and Pricing Policies in the Markets for Maize in Tanzania." Sigma One Corporation, Raleigh, North Carolina.
41. Keeler, Andrew G., Grant M. Scobie, Mitch Renkow, and David L. Franklin. 1982. "The Consumption Effects of Agricultural Policies in Tanzania." Sigma One Corporation, Raleigh, North Carolina.

## GRANTS

1. Alamance Volunatry Agricultural District Committee, "The Cost of Community Services in Alamance County," 2006, \$637.50.
2. Orange County Board of Commissioners, "The Cost of Community Services in Orange County," 2005, \$637.50.
3. Southern Rural Development Center, "Assessing the Impacts of Urban Expansion into the Rural South" Senior Research Fellowship for 2002, \$5,800.
4. NCSU Animal and Poultry Waste Management Center, "Full Economic Feasibility Assessment of the Smithfield Foods Agreement," (with RTI, many ARE faculty), 2001, \$800,000.
5. Triangle J Council of Governments, "The Cost of Community Services in Wake County," 2001, \$1,849.
6. UNC Office of Economic Development, "Measuring and Mitigating the Impact of the Decline of Tobacco in North Carolina: Farm and Rural Policy," (with Blake Brown and Geoff Benson), 2000, \$10,000
7. North Carolina Water Resources Research Institute, "Technical and Economic Evaluation of Alternatives for Animal Waste Management," (with Michael Overcash, Kelly Zering), 2000, \$40,000.
8. North Carolina Cooperative Extension Service, "Extension Program Support for Small Business," (with Carol Schwab, Mary Buck and others), 1999, \$19,000.
9. Chatham County Commissioners, "Cost of Community Services in Chatham County," 1998, \$1,774.
10. North Carolina Cooperative Extension Service, "Increasing Impact and Reducing Reprinting Costs by Making High Demand Extension Educational Materials Available on the World Wide Web." Program Enhancement Grant, (with Tim McBride, Tom Knecht and others),

1998, \$49,460.

11. North Carolina Cooperative Extension Service, “An Introduction to Community Economic Development for County Directors,” (with John O’Sullivan), 1998, \$7,000.
12. North Carolina Cooperative Extension Service, “Enhancing Farm Incomes Through Agri-Tourism,” (with David Fogarty), \$2,000.
13. North Carolina Cooperative Extension Service, “Strategic Planning for Decentralized Wastewater Management in Rural Communities,” (with Mike Hoover, Craven Hudson), \$13,350.
14. NCSU-ISU Animal Waste Management Consortium, “Cost Effectiveness of Alternative Swine Waste Management Technologies,” (with Tom Vukina), 1996, \$13,000.
15. Travel Grant from the Western Regional Development Center to participate in the “New Growth Theory and New Institutional Economics” workshop, 1996, \$500.
16. North Carolina Cooperative Extension Service, “Extension Program Support for Small Business,” (with Carol Schwab, Ellen Miller, and others), 1996, \$12,022.
17. North Carolina Cooperative Extension Service, “Costs of On-Site Wastewater Treatment Alternatives for Difficult Sites,” (with Michael Hoover), 1996, \$7,840.
18. North Carolina Cooperative Extension Service, “Farm Tourism in the Roanoke Valley,” (with David Fogarty and Gene Brothers), 1996, \$8,500.
19. Craven County Board of Commissioners, “Development of a Craven County Wastewater Management Plan,” (with Leon Danielson, Catherine McCracken, Simon Garber, Bob Rubin, and Frank Humenik), 1995, \$90,000.
20. North Carolina Cooperative Extension Service, “Cost Analysis of Wastewater Treatment Technologies,” (with Michael Hoover and Catherine McCracken), 1994, \$6,000.
21. Rowan County Board of Commissioners, “Municipal Solid Waste Management for Rowan County,” (with Bob Rubin and Rhonda Sherman), 1994, \$48,641.
22. Edenton Economic Development Corporation, “Strategic Plan for Developing Existing and Attracting Additional Wood Using Industries to Edenton and Chowan County,” (with Earl Deal), 1994, \$16,000.
23. Applied Resource Economics Policy Group, “The Cost of County Recycling Programs in North Carolina,” 1993, \$6,500.
24. NCSU College of Agricultural and Life Sciences Faculty Research and Professional Development Grant, “The Determinants of Income Growth in North Carolina,” 1992, \$3,500.

## **COURSES TAUGHT**

Spring 1997: ECG 540 (Economic Development, Master’s level), 9 students

Overall Course Rating: 4.2/5.0





Member, NE-1011 Regional Committee (Rural Development)