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### **JOURNAL ARTICLES:**

- Harris, Thomas R., Chang K. Seung, and Rangesan Narayanan. "Targeting Economic Diversification: An Application of Target MOTAD Procedures." <u>The Review of Regional Studies</u>, 31: 197-215, 2001.
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- Harris, Thomas R., J. Scott Shonkwiler and George Ebai. "Estimation of Economic Base in a Rural County Economy: An Example Application of Co-Integration Procedures." <u>American Journal of Agricultural Economics</u>, <u>Abstract</u>, Vol. 78, No. 5, p.1388, December 1996.
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- Smith, Gary W. and Thomas R. Harris. "Regional Economic Linkages to Metropolitan and Nonmetropolitan Nevada: A Vector Autoregression Analysis." <u>Journal of Agricultural and Resource Economics</u>, <u>Abstract</u>, Vol. 18, No. 2, p. 306, 1993.
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- Harris, Thomas R. and Rangesan Narayanan. "Incorporation of Expectations into Export-Base Models." <u>Journal of Agricultural and Resource Economics</u>, <u>Abstract</u>, Vol. 17, No. 2, p. 372, 1992.
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### **BOOKS AND BOOK CHAPTERS:**

- Harris, Thomas R. "Expansion of the Gaming Industry: Opportunities for Cooperative Extension," in William R. Eadington and Judy Cornelius (eds.) <u>Gambling: Public Policies and the Social Sciences.</u> Institute for the Study of Gambling and Commercial Gaming, College of Business Administration, University of Nevada, Reno, 1997.
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### **NEVADA EXTENSION FACT SHEETS:**

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- Oleson, Ted E. Jr., Glen W. Atkinson, Steven R. Lewis and Thomas R. Harris. "Can Growth Pay for Itself?" University of Nevada Cooperative Extension Fact Sheet No. 96-35.
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- Harris, Thomas R., Thomas R. MacDiarmid, Shawn W. Stoddard and David J. Torrell. "Estimation of Economic Linkages of Humboldt County." University Center for Economic Development Information Series No. 93-04.
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#### **GRANT ACTIVITY:**

- Harris, T.R "University Center for Economic Development." U.S. Department of Commerce, Economic Development Administration. April 2002 to March 2003, April 2001 to March 2002, April 2000 to March 2001, October 1999 to March 2000, October 1998 to September 1999, October 1997 to September 1998, October 1996 to September 1997, October 1995 to September 1996, October 1994 to September 1995, October 1993 to September 1994, October 1992 to September 1993.
- Shonkwiler, J. Scott and Thomas R. Harris. "Dynamic Provision of Health Services to Rural America." NRI, USDA, September 2002 to August 2004.
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- Harris, Thomas R., Tim Darden, William O. Champney, and Rangesan Narayanan. "Economic Analysis of Mine Dewatering Effects in Eureka County, Nevada." Eureka County Commissioners, December 1999 to February 2000.
- Harris, Thomas R. "Estimation of Economic Impacts of Local Airport Operations on Four Nevada Counties." State of Nevada Department of Transportation, February 1999 to March 2000.
- Harris, Thomas R. "Market Feasibility Study of Mini-Market for the Yomba Shoshone Tribe." U.S. Rural Development, June 1999 to May 2000.
- Harris, Thomas R. and Tim Darden. "Economic Impacts of Vertical Intensification of Range Operations." Rangeland Initiative, July 2000 to June 2001.
- Harris, Thomas R. and Tim Darden. "Baseline Information for Possible Wild Game Operations on Nevada's Rangeland." Rangeland Initiative, July 2000 to June 2001.
- Harris, Thomas R. "Update of White Pine County Input-Output Model." April 2000 to December 2000.
- Harris, Thomas R., Robert R. Fletcher, Mary E Reid, Thomas R. MacDiarmid and Rangesan Narayanan. "Development of an Input-Output Model for the Newlands Project Area." U.S. Department of Interior, Bureau of Reclamation, September 1997 to September 1999.
- Harris, Thomas R. "Western Regional Evaluation of Social and Economic Impacts of Public Lands: Nevada Section." U.S. Department of Agriculture, Fund for Rural America, June 1998 to June 2002.
- Harris, Thomas R. "Linkages Between the City of Caliente and the Rest of Lincoln County." Lincoln County Board of Commissioners. May 1998 to November 1998.
- Harris, Thomas R. and Dick Bartholet. "Development of Information and Training for Retail Store Assessment in Douglas County." Douglas County Board of Commissioners. July 1998 to July 1999.
- Harris, Thomas R. and Dick Bartholet. "Development of Information and Training Regarding Economic and Fiscal Data for Master Plan Update for Humboldt County." Humboldt County Board of Commissioners. July 1998 to June 1999.
- Harris, Thomas R. and Chang Kyu Seung. "Rural Economic Development: Alternatives in the New Competitive Environment." Hatch 5147, Regional Research Project NE-162, 1998-2003.
- Harris, Thomas R. and Chang Kyu Seung. "Rural Communities and Public Lands in the West: Impacts and Alternatives." Hatch 5149, Regional Research Project W-192, 1998-2003.
- Narayanan, Rangesan, Thomas R. Harris, Mary Reid, Douglass Shaw and John Tracy. "Study of the Potential for Water Banking Within the Walker River Basin: Phase II." U.S. Bureau of Reclamation, January 1998 to June 1999.
- Borden, George W., Robert R. Fletcher and Thomas R. Harris. "Comparing the Impacts of Growth Between Communities Across State Lines." Western Rural Development Center, February 1997 to December 1998.

- Harris, T.R. "An Overview of Vertically Integrated Farm, Feedlot, and Butchershop." Washoe Indian Tribe. October 1996 to September 1997.
- Harris, T.R., R.R. Fletcher, and M. Reid. "Development of an Input-Output Model for the Newlands Project Area." Bureau of Reclamation. October 1996 to September 1997.
- Harris, T.R., K.A. McArthur and W.L. Cooper. "Investigation of Highest and Best Use for Industrial Development in Mineral County." Mineral County Government, September 1996 to August 1997.
- Harris, T.R. "An Investigation of Economic Development Potentials for the Fort McDermitt Reservation." U.S. Department of Commerce, Economic Development Administration, October 1996 to September 1997.
- Narayanan, R., T.R. Harris, M. Reid, and D. Shaw. "Study of the Potential for Water Banking Within the Walker River Basin. Phase I." U.S. Bureau of Reclamation, September 1996 to October 1997.
- Harris, T.R. "Policy Center for Western Public Lands." USDA/FRA, September 1997-February 1998.
- Harris, T.R. and W.L. Cooper. "Analysis of Feasibility for Development by Reno-Sparks Indian Colony." Reno-Sparks Indian Colony. April 1996 to October 1996.
- Harris, T.R. "Development of Information and Training for Economic and Demographic Assessment of Esmeralda County." Esmeralda County Commissioners. January 1995 January 1996.
- Harris, T.R. "Development of Information and Training for Fiscal Impact Assessment for Lincoln County, Nevada." Lincoln County Commissioners. January 1995 January 1996.
- Harris, T.R. "Development of Information and Training for Economic and Demographic Assessment of White Pine County." White Pine County Commissioners. January 1995 January 1996.
- Harris, T.R. and J.E. Englin. "A Dynamic Simulation Model for Analyzing Alternative Public Lands Management Policies in Nevada." ImMasche Endowment Funds. July 1995-June 1998.
- Narayanan, R., W. O. Champney, T.R. MacDiarmid and T.R. Harris. "Leasing Grazing Rights on Private Property." Nevada State Assembly, S.B. 18. September 1995 to January 1997.
- Englin, J., T.R. Harris and R. Narayanan. "Stillwater Wildlife Economic Impact Study." Meyer Resources, Inc. January 1992 to January 1993.
- Harris, Thomas R. "The Potential for Community Economic Development and Its Impacts on Rural Residents." Hatch 219, Regional Research Project NE-162. 1992 to 2002
- Harris, Thomas R., William O. Champney, Thomas R. MacDiarmid, Shawn W. Stoddard and John F. Balliette. "Economic Development and Feasibility Study for Eureka County." Eureka Chamber of Commerce and Economic Development Council. December 1992 December 1993.
- Harris, T.R., D. Kraybill and D. Holland. "Regional Policy Impact Models for Applied Welfare Analysis." National Research Initiative and Competitive Grants Program, Cooperative State Research Service. October 1992 to September 1994.
- Harris, Thomas R., William G. Kvasnicka and Leslie J. Krysl. "Estimation of Impacts of Trichomoniasis on Range Cattle Operation: Rates of Technology Adoption and Whole-Farm Financial Simulation." ImMasche Funds, May 1992 to June 1995.
- Harris, T.R. "Compilation and Analysis of Nevada Economic Data for the Nevada Commission of Economic Development." State of Nevada Commission on Economic Development. August 1991 September 1991.

- Harris, T.R., R. Narayanan and D.K. Lambert. "An Analysis of the Preparedness of Mineral County for Economic Development." University Center. September 1991.
- Harris, T.R. and R. Narayanan. "Nuclear Water Repository SES Studies." U.S. Department of Energy. August 1991 July 1992.
- Harris, T.R. and R. Narayanan. "An Evaluation of Efficiency of Rural Water Systems: An Application of Data Envelope Analysis." U.S. Geological Survey, Office of Water Policy. June 1991 May 1993.
- Harris, T.R. and D. Torell. "Analysis of Economic Linkages in Humboldt County." Humboldt County Commissioners. December 1991 to December 1992.
- Harris, T.R., W.O. Champney and W.S Johnson. "Technical and Economic Efficiencies of Producing and Marketing Landscape Plants." Hatch 201, Regional Research Project S-105. 1990 to 1993.
- Harris, T.R., J.L. Dobra and S.L. Males. "Analysis of Douglas County Shopping Patterns/Business." Western Nevada Development District. November 1989 to August 1990.
- Harris, T.R. and R. Narayanan. "Economic Development and Rural Economic Structural Changes." First Interstate Bank Institute for Economic Development and International Trade. June 1989 to June 1990.
- Harris, T.R., J. Wendel and P. Fanchon. "Vertical Integration in the Livestock Agribusiness Sector." Hatch 222, 1989 to 1992.
- Harris, T.R. "Analysis of the Economic Impacts of the University of Nevada, Reno on the Economy of the State of Nevada." Office of the President, University of Nevada, Reno. November 1988 to February 1989.
- Harris, T.R. "Analysis of the Good Neighbor Enrollment Policy." Office of the President, University of Nevada, Reno. November 1988 to February 1989.
- Harris, T.R. "The Potential for Community Economic Development and Its Impact on Rural Residents." Hatch 219, Regional Research NE-162. 1988 to 1991.
- Harris, T.R. "Threshold Envelope Analysis for Rural Commercial Sector Development." Western Rural Development Center, December 1988 to March 1990.
- Harris, T.R. "An Update of Commercial Sector Trade Data for the Western United States." Western Rural Development Center, December 1988 to December 1989.
- Harris, T.R. and R. Narayanan. "Special Nevada Report: Withdrawal of Public Lands for Military Purposes." U.S. Department of Defense. April 1988 to October 1990.
- Narayanan R. and T.R. Harris. "Evaluation of Capacity Expansion Alternatives for Municipal Water Supply Considering Peak Demands." Nevada Water Institute, U.S. Department of Interior, June 1988 to May 1989.
- Harris, T.R. "Investment Analysis for Rural Nevada Water Systems Under Risk and Uncertainty." Hatch 208, 1987 through 1990.
- Harris, T.R. Awarded grant from Smokey Valley Mining Corporation to investigate the economic impacts of moving personnel from Round Mountain, Nevada to either Christenson Ranch Area or Tonopah, Nevada, 1987.
- Harris, T.R. Awarded a research grant from the University of Nevada Research Advisory Board to use R/S analysis to study regional and sectoral employment and income fluctuations, 1987.
- Harris, T.R. Awarded a research grant from the Department of Defense and Department of Energy to complete an Environmental Impact Study of Removal of Groom Mountain in Lincoln County. 1986.

- Harris, T.R. Awarded a research grant from the Nevada Water Resources Center to develop a microcomputer evapotranspiration and alfalfa growth model, 1985 1987.
- Harris, T.R. Awarded a research grant from the Nevada Water Resources Center to study risks and uncertainties of rural water systems, 1983 1985.
- Harris, T.R. Awarded a research grant as part of the economic diversification faculty team for Nevada. My area of study is the non-SMSA or rural counties of Nevada. 1983.
- Harris, T.R. Awarded a research grant from the Nevada Department of Community Services. The study developed a Community Impact model that can be used on the Apple II microcomputer, 1982.
- Harris, T.R. Awarded a research grant from Columbia University Center for the Study of Futures Market. This study will evaluate the use of consensus distribution analysis for spot commodity price forecasting, 1982.
- Harris, T.R. Awarded a research grant from Lander County to develop and analyze a questionnaire pertaining to potential economic development in Lander County. 1982.
- Harris, T.R. and W.O. Champney. "Economic Evaluation of Federal Policies on Livestock Industry Using A Whole Farm Simulation System." ImMasche Funds.
- Harris, T.R. and R. Narayanan. "First Interstate Bank Institute for Economic Development and International Trade."

### **AWARDS:**

Named Foundation Professor, September 1997.

- Received Outstanding Extension Educator Award for the College of Agriculture at the University of Nevada, Reno in 1995.
- Received award for Outstanding University Center for Economic Development in Region IX of the Economic Development Administration in 1994.
- Received Excellence in Undergraduate Teaching Award from the Western Agricultural Economics Association in 1989.
- Received Gamma Sigma Delta 1988 Excellence in Research Award for the College of Agriculture at the University of Nevada, Reno.
- Received Gamma Sigma Delta 1988 Excellence in Teaching Award for the College of Agriculture at the University of Nevada, Reno.

### National and Regional

Chair of Rural Economics and Development Paper Selection Committee for Southern Agricultural Economics Association 1998 Meeting.

Member of RUPRI Rural Health Impacts Export Team 1998-1999.

Reviewer of two submitted Small Business Innovation Research proposals, 1997.

Reviewer of a submitted article for the Journal of Agricultural and Resource Economics, 1997.

Reviewer of submitted article to Growth and Change, 1997.

Reviewer of submitted invited paper from Journal of Agricultural and Resource Economics, 1997.

Reviewed SBIR Phase II grant, 1997.

Member of RUPRI Rural Policy Expert Panel, 1997.

Chair for 1996 & 1997 and member of NE-162 Regional Project

Member, S-103 Regional Project

Elected Director of the Western Agricultural Economics Association. 1994.

Chair of Western Economic Development Extension Committee, Farm Foundation, 1993.

Chair and member of the 1992 and 1993 Undergraduate Teaching Award Committee for the American Agricultural Economics Association.

Part of University team which helped develop State of Nevada Economic Development Plan, 1983.

Member, Agribusiness Management Committee of the American Agricultural Economics Association.

Reviewer of a submitted article to Water Resources Research, 1997.

Reviewer of a submitted article for the Journal of Regional Science, 1997.

Reviewer of a submitted article for Society and Natural Resources: An International Journal, 1996.

Reviewer of a submitted article for the Journal of Agricultural and Resource Economics, 1996.

Discussant for a paper at the 35th Annual Meeting of the Western Regional Science Association, Napa, California, February 26-28, 1996.

Discussant for a paper at the 35th Annual Meeting of the Southern Regional Science Association, Baltimore, Maryland, April 11-14, 1996.

Chair of a Session at the 35th Annual Meeting of the Southern Regional Science Association, Baltimore, Maryland, April 11-14, 1996.

Member of RUPRI Rural Policy Expert Panel, 1996.

### State

Facilitator for Strategic Planning workshop for the Western Nevada Development District, Yerington, Nevada, March 5,1996.

Director, University Center for Economic Development, responsible for statewide program.

Organizer, presenter and chair for Rural Summit meeting held in Fallon, Nevada.

Facilitator for Strategic Planning workshop for the Western Nevada Development District, Yerington, Nevada, March 5, 1996.

Director, University Center for Economic Development, responsible for statewide program.

Organizer, presenter and chair for Rural Summit meeting held in Fallon, Nevada.

Director, University Center for Economic Development.

Testified before Nevada Assembly Committee on Economic Development, 1983.

## University

Chair, University Salary and Benefits Committee, 1997.

Member of the University Assessment Council, 1997

Elected member of the Graduate Council. Term expired 1997.

Member of University Appeals Committee, 1996.

Elected member of the University of Nevada, Reno Faculty Senate. Term expired 1993.

Served on Affirmative Action Committee, 1993.

Elected member of the Graduate Council. Term expired 1990.

Chair of the WAEA Outstanding Undergraduate Teaching Award, 1990.

Member of AAEA Selected Paper Committee, 1989, 1990, 1991, 1992 and 1994. Served on Western Agricultural Economics Association Extension Award Committee 1988.

Member of five person faculty team for Western Rural Development Center Program, 1988.

Faculty Advisor to Graduate Council at University of Nevada, Reno, 1987 - 1990.

Member of University Research Advisory Board, 1985 - 1992.

Member of University Promotion and Tenure Committee, 1985 and 1986.

Co-chair of Contributed Paper Session for 1983 Western Agricultural Economics Association.

Chair, Western IMPLAN Users' Group.

### College

Member of Search Team for Dean of Agriculture, 1998.

Chair of College Personnel Committee, 1997.

Member of College of Agriculture's Search Committee

Member of College of Agriculture Strategic Planning Committee, 1986.

Chair of committee to suggest avenues of research for College of Agriculture, 1982. Member of Gamma Sigma Delta.

## **Departmental**

Interim Chair, July 1999 to June 2000

Chair of Departmental Personnel Committee, 1995-1998.

Chair, Committee for hiring extension educator for Eureka County.

Member, Western Rural Development Center Advisory Board.

Member of Personnel Committee, Department of Agricultural Economics.

Member of Research Committee, Department of Agricultural Economics.

Chair of Graduate Program in Department of Agricultural Economics, 1988 - 1991.

Developed joint seminar sessions between Department of Agricultural Economics and Department of Economics.