

RHONDA KAY SKAGGS

Professor

Dept. of Agricultural Economics & Agricultural Business

Agricultural Experiment Station

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POSITION

Professor, July 2000 to present

Associate Professor, July 1995 to June 2000

Assistant Professor, August 1989 to June 1995

Department of Agricultural Economics and Agricultural Business, New Mexico State University,
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EDUCATION

Ph.D., Economics, Utah State University, 1989

M.S., Agricultural and Natural Resource Economics, Colorado State University, 1985

B.S., General Agriculture, Minor in Spanish, Colorado State University, 1981

TEACHING RESPONSIBILITIES

Agricultural Policy (AGE 445), Juniors and Seniors

Advanced Agricultural Policy (AEEC 545), M.S., M. Ag. and M.B.A. students

Agricultural Ethics (AGE 370), Juniors and Seniors

RESEARCH AREAS

Irrigation and Agricultural Water Use

U.S.-Mexico Cattle Trade

Long Term Ecological Research – Jornada Experimental Range, Social Science Group

Agriculture Structure and Future of Agriculture

Food, Agricultural, Natural Resource Policy Impact Assessment

Southwest Chile Pepper Industry

OTHER RESPONSIBILITIES

Editor, *Western Economic Forum*, 2005-2006

Graduate and undergraduate student advising and recruitment

Print and radio interviews on agricultural policy and marketing issues

Guest lecturing and presentations before commodity, community and professional groups

Manuscript and project proposal reviews

Service to professional, university, college and departmental committees

Grant seeking for support of teaching and research activities

AWARDS

2004 New Mexico Chile Task Force Outstanding Contribution Award

1995 Western Agricultural Economics Association Outstanding Undergraduate Instructor

1995 El Paso Natural Gas Foundation Faculty Achievement Award

PREVIOUS EXPERIENCE

Research Assistant, Dept. of Economics, Utah State University, Logan, UT, 1/87 - 8/89.
Developed and tested modeling procedures for use in forecasting commodity prices.

Instructor, International Irrigation Center, Utah State University, Logan, UT, 1/87 - 11/88.
Taught farm management economics, economic analysis and software applications in short-term international training programs.

Professional Consultant, Agro Engineering, Inc., Alamosa, CO, 1/86 - 1/87. Conducted economic and financial evaluations for client farmers, including farm enterprise analysis, investment decisions, and farm financial planning.

Research Associate, Dept. of Agricultural Economics, University of WY, Laramie, Wyoming, 6/85 - 12/85. Conducted beef marketing research. Investigated consumption trends, demographics, new products, processing and retailing. Assisted in development of test marketing program for new beef products.

Research Assistant, Dept. of Agricultural and Resource Economics, Colorado State University, Fort Collins, CO, 7/83 - 5/85. Designed, organized and managed on-farm research activities in coordination with San Luis Valley Research/Extension Project engineers and agronomists.

INTERNATIONAL

Conduct collaborative livestock industry research with faculty from the Universidad Autónoma de Chihuahua Facultad de Zootecnia, Chihuahua, Mexico. 2004 – present.

Coordinated an agribusiness internship program (funded by a USDA Higher Education Challenge Grant) for NMSU students in Mexico. 1993-1995.

Designed and conducted an intercept survey investigating Mexican consumer attitudes toward food products of U.S. and Mexican origin. Assisted in organizing a 5-person research team and surveyed 300 people in Chihuahua City, Mexico. 1993.

Received a U.S. Information Agency Academic Specialist Grant which funded a short course in econometric applications conducted at the Autonomous University of Chihuahua, Delicias, Chihuahua, Mexico. Taught in Spanish. 1991.

Taught in Utah State University International Irrigation Center short courses held in Utah, Colorado, and Morocco. Taught in both English and Spanish. 1987-1988.

GRANTS

Have received numerous external research grants while at NMSU. Sources include: New Mexico Governor's Water Innovation Fund, New Mexico Water Resources Research Institute, New Mexico Livestock Board, New Mexico Environment Department, U.S. Department of Agriculture, U.S. Information Agency, La Clinica de Familia, Western Regional Biomass Energy Program.

LANGUAGE ABILITY

Fluent in Spanish (reading, writing, conversation, and public speaking).

RHONDA KAY SKAGGS
Publications

Refereed Journal Articles

Skaggs, R. and T. Crawford. "National Animal Identification and the Elephant in the Room." Accepted for publication July 2006, *Rangelands*.

Samani, Z. and R. Skaggs. "The Multiple Personalities of Water Conservation." Accepted for publication July 2006, *Water Policy*.

Havstad, K., D. Peters, R. Skaggs, J. Brown, B. Bestelmeyer, E. Fredrickson, J. Herrick, and J. Wright. "Ecosystem Services To and From Rangelands of the Western United States." Accepted for publication June 2006, *Ecological Economics*.

Samani, Z., S. Bawazir, M. Bleiweiss, R. Skaggs, and V. Tran. "Estimating Daily Net Radiation over Vegetation Canopy." Accepted for publication March 2006, *Journal of Irrigation and Drainage Engineering*.

Samani, Z., T. Sammis, R. Skaggs, N. Alkhatiri, and J. Deras. "Measuring On-Farm Irrigation Efficiency with Chloride Tracing under Deficit Irrigation." *ASCE Journal of Irrigation and Drainage Engineering*, Vol. 131, No. 6, November-December 2005:555-559.

Samani, Z., S. Nolin, M. Bleiweiss, and R. Skaggs. "Discussion of 'Predicting Daily Net Radiation Using Minimum Climatological Data' by S. Irmak, A. Irmak, J.W. Jones, T.A. Howell, J.M. Jacobs, R.G. Allen, and G. Hoogenboom." *ASCE Journal of Irrigation and Drainage Engineering*, Vol. 129, No. 4, July-August 2005:388-389.

Skaggs, R.K. and Z. Samani. "Farm Size, Irrigation Practices, and On-Farm Irrigation Efficiency." *Irrigation and Drainage*, Vol. 54, February 2005:43-57.

Skaggs, R., R. Acuña, L.A. Torell, and L.W. Southard. "Live Cattle Exports from Mexico into the United States: Where Do the Cattle Come From and Where Do They Go?" *Choices*, 1st Quarter 2004:25-30.

Skaggs, R., R. Acuña, L.A. Torell, and L.W. Southard. "Exportaciones de Ganado en Pie de México Hacia los Estados Unidos: ¿De Donde Viene el Ganado y Hacia Donde Va?" *Revista Mexicana de Agronegocios*, Vol. 14, January-June 2004:212-220.

Skaggs, R.K. "Predicting Drip Irrigation Use and Adoption in a Desert Region." *Agricultural Water Management* Vol. 51, Issue 2, October 2001:125-142.

Skaggs, R. and S. Ghosh. "Assessing Changes in Soil Erosion Levels: A Markov Chain Analysis." *Journal of Agricultural and Applied Economics* 31(3), December 1999:611-612.

W. Harper and R.K. Skaggs. "Predicting Land Purchase Preferences Using Farmland Preservation Attitudes." *Forum of the Association for Arid Land Studies* Vol. XV, No. 1, 1999:46-53.

L.R. Gow, R.K. Skaggs, and R.R. Lansford. "Predicting Community Clinic Use in a Low-Income U.S.-Mexico Border Colonia." *Journal of Border Health* 3(1), January-June 1998:10-16.

Skaggs, R.K. and C.L. Falk. "Market and Welfare Effects of Livestock Feed Subsidies in Southeastern New Mexico." *Journal of Agricultural and Resource Economics* 23(2), December 1998:545-557.

Skaggs, R.K. "Experiences and Lessons Learned in an International Agribusiness Internship Project." *Agribusiness* 14(4), July-August 1998:331-336.

Skaggs, R.K., C.L. Falk, and K. Hancock. "Livestock Feed Subsidies." *Choices*, 2nd Quarter 1997:22-23.

Skaggs, R.K., R.K. Owensby, R.R. Lansford. "Household Adoption of a New Technology: The Case of Wood Pellet Stoves." *Journal of Solid Waste Technology and Management* 23(3), August 1996:173-178.

Skaggs, R., C. Falk, J. Almonte, and M. Cárdenas. "Product-Country Images and International Food Marketing: Relationships and Research Needs." *Agribusiness: An International Journal* 12(6), November-December 1996:593-600.

Almonte, J., C. Falk, R. Skaggs, and M. Cárdenas. "Country-of-Origin Bias among High-Income Consumers in Mexico: An Empirical Study." *Journal of International Consumer Marketing* 8(2), 1995:27-44.

Skaggs, R.K., R.E. Kirksey, and W.M. Harper. "Determinants and Implications of Post-CRP Land Use Decisions." *Journal of Agricultural and Resource Economics* 10(2), December 1994: 299-312.

Skaggs, R.K., R.E. Kirksey, and W.M. Harper. "Predicting Post-CRP Land Use Decisions and Their Implications." *Forum of the Association for Arid Lands Studies*, Volume X, No. 1, 1994:1-7.

Skaggs, R.K. "Agrarian Beliefs: Implications for Teaching, Student Recruitment and Retention." *NACTA Journal* 36-2, June 1992:15-18.

Skaggs, R.K. and D.L. Snyder. "A Comparison of Selected Methods for Forecasting Monthly Alfalfa Hay Prices." *Agribusiness: An International Journal* 8, July-August 1992:309-321.

Skaggs, R.K., W. Harper, J. Salandia and R. Kirksey. "Production and Expenditure Changes, and Future Plans of Eastern New Mexico Conservation Reserve Program Participants." *Forum of the Assn. for Arid Lands Studies* Vol. VII, No. 1, 1991:3-8.

Skaggs, R.K., D.J. Menkhaus, S.J. Torok, and R.A. Field. "Test Marketing of Branded, Low Fat, Fresh Beef." *Agribusiness: An International Journal* 3, 1987:257-271.

Research Reports and Bulletins

Skaggs, R. and T. Crawford. *Livestock Identification in New Mexico: Current Status and Implications for National Animal Identification*. In review by the New Mexico Agricultural Experiment Station, July 2006.

Carmona, C., J. Martinez Nevarez, A. Diaz Samaniego, R. Skaggs. *Results of a Survey of Cattle Exporters in Chihuahua, Mexico*. Accepted for publication by the New Mexico Agricultural Experiment Station, July 2006.

Carmona, C. and R.K. Skaggs. *Procedures for Exporting Cattle from Chihuahua, Mexico to the United States of America*. Agricultural Experiment Station Technical Report #43, New Mexico State University, January 2006.

Wood, J.A. and R. Skaggs. *An Analysis of Farm Labor Contracting in New Mexico*. Agricultural Experiment Station Chile Task Force Report #18, New Mexico State University, August 2005

Guinn, C. and R.K. Skaggs. *Live Cattle Imports by Port-of-Entry from Mexico into the United States: Data and Models*. Agricultural Experiment Station Research Report #788, New Mexico State University, August 2005.

Samani, Z., H. Magallanez, and R. Skaggs. *A Simple Flow Measuring Device for Farms*. Agricultural Experiment Station Water Task Force Report #3, New Mexico State University, April 2005.

Samani, Z. and R.K. Skaggs. *Irrigation Practices vs. Farm Size: Data from the Elephant Butte Irrigation District*. Agricultural Experiment Station and Cooperative Extension Service Water Task Force Report #4, New Mexico State University, April 2005.

Guinn, C. and R.K. Skaggs. *North American Beef and Cattle Trade: A Current Perspective*. Agricultural Experiment Station Technical Report #40, New Mexico State University, March 2005.

Morris, L. and R.K. Skaggs. *International Trade in Chile Peppers: Data from the Global Trade Atlas®*. Agricultural Experiment Station Chile Task Force Report #16, New Mexico State University, December 2004.

Morris, L. and R.K. Skaggs. *U.S. Imports and Exports of Chile Peppers and Pepper Products: Frequently Asked Questions*. Agricultural Experiment Station Chile Task Force Report #15, New Mexico State University, December 2004.

Skaggs, R.K. and D. M. VanLeeuwen. *New Mexicans' Attitudes toward the Environment, Agriculture and Government*. Agricultural Experiment Station Research Bulletin #786, New Mexico State University, January 2004.

Hall, T.Y. and R.K. Skaggs. *New Mexico's Chile Pepper Industry: Chile Types and Product Sourcing*. New Mexico Chile Task Force Report #8, Agricultural Experiment Station, New Mexico State University, May 2003.

Hall, T.Y. and R.K. Skaggs. *Economic Impact of Southern New Mexico Vegetable Production and Processing*. New Mexico Chile Task Force Report #9, Agricultural Experiment Station, New Mexico State University, May 2003.

Skaggs, R., and M. Decker. *The Clean Water Act and Total Maximum Daily Loads in New Mexico: Frequently Asked Questions*. Agricultural Experiment Station Technical Report #39, New Mexico State University, June 2002.

Skaggs, R. *The Future of Agriculture: Frequently Asked Questions*. Agricultural Experiment Station Technical Report #37, New Mexico State University, November 2001.

Skaggs, R., M. Hillon, and R. Phillips. *Drip Irrigation and Southern New Mexico Chile Pepper Production: A Survey of Producers*. Agricultural Experiment Station Research Bulletin #784, New Mexico State University, August 2001.

Skaggs, R. and B. Wiltgen. *A Profile of Agriculture in New Mexico from the 1997 Census of Agriculture*. Agricultural Experiment Station Technical Report #35, New Mexico State University, September 2000.

Wright, J.B. and R.K. Skaggs. *Purchase of Development Rights and Conservation Easements: Frequently Asked Questions*. NMSU-AES Technical Report #34, April 2000.

Skaggs, R., M. Decker, and D. VanLeeuwen. "A Survey of Southern New Mexico Chile Producers: Production Practices and Problems." Agricultural Experiment Station Research Bulletin #782, New Mexico State University, January 2000.

Skaggs, R., W. Gorman, J. Gardner, and T. Crawford. "Surveys of New Mexico Alfalfa Producers and Dairy Hay Users: Will Growth of the State's Dairy Industry Be Limited by Alfalfa Availability?" NMSU-AES Research Report #731, February 1999.

Lansford, R., F. Jallad, R. Skaggs, L. Gow, F. McClellan, and L. Wayne. "A Study of Health Care Needs and Attitudes Among Low- and Moderate-Income Residents of Las Cruces, New Mexico." NMSU-AES Research Bulletin #781, November 1998.

Skaggs, R., R. Lansford, F. Jallad, M. Bautista, I. Lungstrom. "A Study of Health Care Needs and Attitudes Among Residents of Chaparral, New Mexico." NMSU-AES Research Bulletin #780, November 1997.

Lansford, R., R. Skaggs, F. Owensby, L. Wayne, F. Jallad, T. Franz, and W. Zachritz. "Future Woodburning Options for Home-Heating in New Mexico: Dealers and Household Surveys, Air Quality Concerns, and Wood Pellet Stoves." NMSU-AES Research Bulletin #779, August 1997.

Skaggs, R., E. Coburn, R. Lansford, F. Jallad, L. Wayne. "Public Attitudes Toward Agribusiness Development in Southern New Mexico." NMSU-AES Research Bulletin #774, January 1995.

Almonte, J., C. Falk, R. Skaggs, and M. Cárdenas. "Country-of-Origin Bias Toward U.S. and Mexican Food Products Among High-Income Consumers in Chihuahua, Mexico." NMSU-AES Research Report #690, October 1994.

Burcham, L. and R. Skaggs. "An Economic Analysis of the New Mexico Pecan Market." New Mexico AES Research Report #688, August 1994.

Salandia, J., R. Skaggs, R. Kirksey, and W. Harper. "The Conservation Reserve Program in Eastern New Mexico: A Survey of Participants." New Mexico AES Research Report #671, April 1993.

Skaggs, R.K. "Results of a Survey of New Mexico Alfalfa Hay Producers, End-Users and Brokers/Dealers." New Mexico AES Research Bulletin #765, November 1992.

Skaggs, R.K. and D.L. Snyder. "An Annotated Bibliography of Agricultural Price Forecasting Models." Utah Agricultural Experiment Station Research Report #135, June 1991.

Skaggs, R.K. and D.J. Menkhaus. "Beef Consumption Issues and Trends." Department of Agricultural Economics Bulletin No. B-854, University of Wyoming, Laramie, June 1986.

Skaggs, R.K., D.J. Menkhaus, and R.A. Field. "A Summary of Beef Marketing Innovations." Departments. of Agricultural Economics and Animal Science Research Report No. AE 86-1, University of Wyoming, Laramie, March 1986.

Recent Papers Published in Proceedings

Skaggs, R. and Z. Samani. "The Changing Face of Western Irrigated Agriculture: Structure, Water Management, and Policy Implications." In: *Water District Management and Governance*, Proceedings of the Third International Conference on Irrigation and Drainage, United States Committee on Irrigation and Drainage, 2005, pp. 1-9. ISBN 1-887903-18-6.

Samani, Z., M. Bleiweiss, S. Nolin, and R. Skaggs. "Regional ET Estimation from Satellites." In: *Water District Management and Governance*, Proceedings of the Third International Conference on Irrigation and Drainage, United States Committee on Irrigation and Drainage, 2005, pp. 613-619. ISBN 1-887903-18-6.

Skaggs, R. and Z. Samani. "Farm Size, Irrigation Practices, and On-Farm Irrigation Efficiency in New Mexico's Elephant Butte Irrigation District." In: *Water District Management and Governance*, Proceedings of the Third International Conference on Irrigation and Drainage, United States Committee on Irrigation and Drainage, 2005, pp. 489-498. ISBN 1-887903-18-6.

Skaggs, R. "The Livestock Industry and International Trade: The USA, Mexico, and New Mexico." In: 2005 Cattle Growers' Short Course Proceedings and Livestock Research Briefs. NMSU College of Agriculture and Home Economics, Agricultural Experiment Station and Cooperative Extension Service, 7-8 April 2005, pp.26-38.

Samani, Z., M. Bleiweiss, R. Skaggs, and R. Sanderson. "Calculating Pecan Water Use by Remote Sensing." In: 39th Annual Western Pecan Conference Proceedings. NMSU Cooperative Extension Service and the Western Pecan Growers, 6-8 March 2005, pp. 51-57.