

BIOGRAPHICAL SKETCH
NORMAN L. DALSTED

<u>TITLE OR RANK AND EMPLOYER</u>	<u>BIRTHDATE AND PLACE</u>
Professor Department of Agricultural and Resource Economics Colorado State University	December 28, 1946 Langdon, North Dakota
	<u>MARITAL STATUS</u>
	Single

EDUCATION:

North Dakota State University:	Fargo	(Agri. Economics)	B.S. 1968
North Dakota State University:	Fargo	(Agri. Economics)	M.S. 1972
Colorado State University:	Fort Collins	(Economics)	Ph.D. 1981

MAJOR FIELDS:

Farm and Ranch Management, Agricultural Finance, Agricultural Production Economics, and Regional Economics

AREAS OF PROFESSIONAL WORK:

Teaching, Research, and Extension

HONORS, AWARDS, AND PROFESSIONAL LISTINGS AWARDS:

Board of Higher Education Scholarship, 1971; F.A. Anderson Distinguished Service Award, 1985
Colorado State University Cooperative Extension Team Award, Colorado Integrated Resource Management Program - Beef Cattle, October 1989. Farm Bureau Meritorious Faculty Award, 2003. Colorado State University Cooperative Extension Team Award, Agribusiness Management, 2003. National Team Award, Epsilon Sigma Phi, 2004. Thomas Sutherland Outstanding Alumni Award, 2006. Honorable Mention, Western Directors' Award of Excellence: Agriculture and Business Management (ABM) Team 2008.

MEMBER OF: Western Agricultural Economics Association, American Agricultural Economics Association, National Association of Farm Business Analysis Specialists, Gamma Sigma Delta, Sigma Xi

PROFESSIONAL EXPERIENCE:

Professor - Department of Agricultural and Resource Economics, Colorado State University, Fort Collins, Colorado, July 1992 - present.

Associate Professor - Department of Agricultural and Resource Economics, Colorado State University, Fort Collins, Colorado, July 1985-June 1992.

Assistant Professor - Department of Agricultural and Natural Resource Economics, Colorado State University, Fort Collins, Colorado, 1983-1985.

Assistant Professor - Department of Economics, Fall 1981-1983.

Graduate Research Assistant - Department of Economics, Colorado State University, Fort Collins, Colorado, Fall 1979-Summer 1981.

Instructor - Department of Economics, Colorado State University, Fort Collins, Colorado, Fall 1978-Summer 1979.

Research Associate - Department of Agricultural Economics, North Dakota State University, Fargo, North Dakota, Fall 1972- Spring 1978.

PUBLICATIONS: (See Attached List of Technical Publications.)

DISSERTATION: Water Consumption in the Coal-Fired Electric Generation Industry: An Analysis and Projections.

LIST OF TECHNICAL PUBLICATIONS

JOURNAL ARTICLES

1. "Chapter 12 Bankruptcy - An Update". The American Society of Farm Managers and Rural Appraisers, 1998-1999. Pages 20-22.
2. "Ramifications of the Down Cattle Market for Food Animal Veterinarians". Large Animal Practice Journal. Volume 20, Number 3, May/June 1999. Page 22. By Grant Dewell, Norman L. Dalsted and Frank B. Garry.
3. "Identification and Management of Critical Control Points in the Cow-calf Enterprise for Achieving and Maintaining Consistency and Low Cost of Production: Summary of Integrated Resource Management -- Standard Performance Analysis Results". The Professional Animal Scientist.
4. "Returns to Scale in the Production of Finisher Pigs in the United States". Journal of Agricultural Research, edited by National Institute of Agricultural Technology and Food, co-authored with Willard Losinger, R.K. Sampath and Mo Salman. Madrid, Spain.
5. "A Fiscal Impact Model for Rural Industrialization," Western Journal of Agricultural Economics, 1(1):242-247, 1977.
6. "Water Requirements for Coal-Fired Power Plants," Natural Resources Journal, University of New Mexico Law School, Vol. 24, pp. 137-141, January 1984.
7. "Integrated Beef Cattle Management," Journal of Extension, Volume XXIV, Spring 1986.
8. "Financial Workout—A Procedure," Journal of the American Society of Farm Managers and Rural Appraisers, Volume 50, Number 2, October 1986.
9. "Chapter 12 Bankruptcy - What's Involved," Journal of the American Society of Farm Managers and Rural Appraisers, Volume 52, No. 1, April, 1988.
10. "Leasing Cows—What is Equitable," Journal of the American Society of Farm Managers and Rural Appraisers, April 1990.
11. "Measuring Economic Efficiency In Sheep Production" Sheep Industry Development Program Research Journal, Winter, 1991.
12. "An Economic Evaluation of the Effects of Synovex-C Implants on Replacement Heifers," The American Registry of Professional Animal Scientists, PAS No. 424. 1994.
13. Multiple Peril Crop Insurance: An Evaluation of Crop Insurance in Northeast Colorado", Journal of the American Society of Farm Managers and Rural Appraisers, Spring 1998.
14. "Estimation of Net Present Value of Beef Females of Various Ages and the Economic Sensitivity of Net Present Value to Changes in Production," The Professional Animal Scientist, Vol. 15, pp. 46-52. With Whittier and Meek. 2000.
15. "Rural Supply Cooperative Capital Budgeting Decision Case: Feasibility Study of Auxiliary Enterprises for a Rural Supply Cooperative," International Food and Agribusiness Management Review, No. 4, pp. 197-204. 2001.

16. "Input Optimization in the Production of Finisher Pigs in United States", The Indian Journal of Animal Sciences, Volume 71, Number 10, pp. 995-997. With Losinger, Sampath and Salman. New Delhi, October 2001.
17. "Capital Budgeting Decision Case: Feasibility Study of Auxiliary Enterprises for a Rural Consumer Cooperative", International Food and Agribusiness Management Review. With Hine, Lybecker and Marshall. To be published spring 2002.
18. "Structural Transformations in the United States Swine Industry", Indian Farming, Volume 50, Number 5, pp. 32-35. With Losinger, Sampath and Salman. August 2000.
19. "An Evaluation of the Lamb Vision System as a Predictor of Lamb Carcass Red Meat Yield Percentage," Journal of Animal Science, pp. 1488-98. With A. S. Brady, K.E. Belt, et al. 2003.
20. "Influence of Free-Stall Bed Type on Prevalence and Severity of Hock Injuries in Commercial U.S. Dairy Cows," Journal of Dairy Science JOS – 06 – 0793. With Wendy Fulwider. December 2006.
21. "Investment Analysis—Purchasing Cows and Heifers in a Strong Cattle Market," Journal of Society and Farm Managers and Rural Appraisers. Spring 2007.
22. "Survey of Dairy Management Practices on One Hundred Thirteen North Central and Northeastern United States Dairies," Journal of Dairy Science, 91:1686-1692, American Dairy Science Association, 2008.

CHAPTERS IN BOOKS

1. "Integrating Production and Marketing Management on a Beef Ranch," 1989 Yearbook of Agriculture, Chapter 10, United States Department of Agriculture, Washington, D.C.
2. "Integrated Resource Management for Colorado Beef and Sheep Producers," 1989 Yearbook of Agriculture, Chapter 7, United States Department of Agriculture, Washington, D.C.
3. "Measuring Financial Performance: An Overview of Financial Statements," Veterinary Clinics of North America: Food Animal Practice, W.B. Saunders and Company, Philadelphia, PA. 1995.

UNIVERSITY PUBLICATIONS

1. Farm Business Analysis by Size of Farm in Northern East-Central North Dakota, Agricultural Economics Report No. 84, Department of Agricultural Economics, Agricultural Experiment Station, North Dakota State University, Fargo, North Dakota, April 1972. With Roger G. Johnson and Bernard Goodman.
2. A Selected Bibliography on Surface Coal Mining and Reclamation of Particular Interest to the Great Plains States, Agricultural Economics Miscellaneous Report No. 15, North Dakota State University, Fargo, North Dakota, November 1973. With F. Larry Leistritz.
3. A Selected Bibliography on Coal-Energy Development of Particular Interest to the Western States, Agricultural Economics Miscellaneous Report No. 16, North Dakota State University, Fargo, North Dakota, April 1974. With F. Larry Leistritz.
4. Energy Resources Development in the Northern Great Plains: A Summary of Economic Impacts, Department of Agricultural Economics, North Dakota State University, Fargo, North Dakota, June 1974. With others.
5. Economic Impact of Alternative Energy Development Patterns in North Dakota, Department of Agricultural Economics, North Dakota State University, Fargo, North Dakota, June 1974. With others.

6. Assessment of Economic Impacts Associated With a Coal Gasification Plant Located in Dunn County, North Dakota, Preliminary Report to Natural Gas Pipeline Company of America, Chicago, Illinois, Department of Agricultural Economics, North Dakota State University, Fargo, North Dakota, August 1974.
7. "The Impact of the ABM Development on the Langdon Area," North Dakota Farm Research, Volume 32, No. 4, March-April 1975. With Arlen Leholm and Norman Toman.
8. Public Sector Effects of Large-Scale Rural Industrialization, Department of Agricultural Economics, North Dakota State University, Fargo, North Dakota, 1976. With Arlen Leholm, Norman Toman, and F. Larry Leistriz.
9. Economic Impacts of Construction and Operation of the Coal Creek Electrical Generation Complex and Related Mine, Interim Report, Department of Agricultural Economics, Agricultural Experiment Station, North Dakota State University, Fargo, North Dakota, January 1976. With Thor Hertsgaard, Norman Toman, Arlen Leholm and F. Larry Leistriz.
10. Economic Impacts of Construction and Operation of Coyote Station #1 Electrical Generation Complex and Related Mine, Final Report, Department of Agricultural Economics, Agricultural Experiment Station, North Dakota State University, Fargo, North Dakota, May 1976. With Thor Hertsgaard, Norman Toman, Arlen Leholm and F. Larry Leistriz.
11. Economic Impacts of a Proposed Coal Gasification Plant in Dunn County, North Dakota, An Interim Report to the Natural Gas Pipeline Company of America, Chicago, Illinois, Department of Agricultural Economics, North Dakota State University, Fargo, North Dakota, July 1976.
12. Economic Impacts of a Proposed Coal Gasification Plant in Dunn County, North Dakota, Final Report, Department of Agricultural Economics, Agricultural Experiment Station, North Dakota State University, Fargo, North Dakota, August 1976. With Thor Hertsgaard, Norman Toman, Arlen Leholm and F. Larry Leistriz.
13. Socioeconomic Impacts Associated with Energy Development in North Dakota, Preliminary Report to Bureau of Land Management, Denver, Colorado and Billings, Montana, North Dakota Institute for Regional Studies, North Dakota State University, Fargo, North Dakota, January 1977. With Thor Hertsgaard, Norman Toman, Arlen Leholm and F. Larry Leistriz.
14. Developing Economic Impact Projection Models for the Fort Union Coal Region, Final Report of Phase I for Environmental Protection Agency, Department of Agricultural Economics, North Dakota State University, Fargo, North Dakota, June 1977. With Thor Hertsgaard, Norman Toman, Arlen Leholm and F. Larry Leistriz.
15. Assessment of Costs of Various Interregional Energy Transportation Systems : Final Report-Phase I and II, Prepared for the Economics, Statistics, and Cooperatives Service, United States Department of Agriculture, Agricultural Experiment Station and Engineering Experiment Station, North Dakota State University, Fargo, North Dakota, 1979. With Kenneth Ebeling.
16. Grains Flow in Colorado, 1977, Department of Economics, Colorado State University, Fort Collins, Colorado, 1979.
17. Environmental, Economic, and Social Impacts of a Coal Gasification Plant in Western North Dakota, Bulletin No. 509, Agricultural Experiment Station, North Dakota State University, Fargo, North Dakota, February 1980. With Arlen Leholm, Norman Toman and F. Larry Leistriz.
18. Agricultural Financial Management, Department of Agricultural and Natural Resource Economics, Colorado State University, Fort Collins, Colorado, December 1983. With Stacy Hornung.

19. Selected 1982 Crop Enterprise Budgets for Colorado, Miscellaneous Report, XCM 90, Department of Economics and Cooperative Extension Service, Colorado State University, Fort Collins, Colorado, 1983.
20. Selected 1983 Crop Enterprise Budgets for Colorado, Addendum to 1983 Report, Department of Agricultural and Natural Resource Economics, Colorado State University, Fort Collins, Colorado, 1984.
21. Selected 1984 Crop Enterprise Budgets for Colorado, ANRE Information Report No. IR:85-6, Department of Agricultural and Natural Resource Economics, Colorado State University, Fort Collins, Colorado, September 1985.
22. "Economic Analysis of Four Colorado Ranchers," CSU Beef Program Report, Department of Animal Sciences, Colorado State University, Fort Collins, pp. 75-82, April 1986. With Karen L. Holman.
23. "Economics of Integrated Ranch Management," 1986 Beef Day, Department of Animal Science and Cooperative Extension, University of California-Davis, pp. 100-108, November 1986.
24. Selecting An Accounting Program, Bulletin 534A, Department of Agricultural and Natural Resource Economics and Cooperative Extension Service, Colorado State University, Fort Collins, January 1986. With Karen L. Holman.
25. Selected 1985 Crop Enterprise Budgets for Colorado, ANRE Information Report IR: 86-6, Department of Agricultural and Natural Resource Economics, Colorado State University, Fort Collins, September 1986. With Paul Gutierrez, David Schaubert and Rodney Sharp.
26. "Northern Colorado Yearling Enterprise Analysis," Yearling Cattle Management, Department of Animal Sciences and Cooperative Extension Service, Colorado State University, Fort Collins, 1986.
27. Selected Livestock Enterprise Budgets for Colorado, 1986, ANRE Information Report IR:87-3 with Paul Gutierrez, David Schaubert and Rodney Sharp. 1987.
28. The Colorado Farm/Ranch Business Management Report: 1983-1985 Summary, ANRE Information Report IR:87-4 with Paul Gutierrez, David Schaubert and Rodney Sharp. 1987.
29. Selected 1986 Crop Enterprise Budgets for Colorado, DARE Information Report IR:87-6 with Paul Gutierrez, David Schaubert and Rodney Sharp.
30. Backgrounding Enterprise Budgets for Colorado, 1986, DARE Information Report IR:87-7 with Paul Gutierrez, David Schaubert and Rodney Sharp.
31. 1987-88 Custom Rates for Colorado Farms and Ranches, Cooperative Extension Service, Colorado State University, Fort Collins, Winter 1988.
32. Selected 1987 Crop Enterprise Budgets for Colorado, DARE Information Report IR: 88-7, Department of Agricultural and Resource Economics, Colorado State University, Fort Collins, October 1988. With Paul Gutierrez, Karen Holman, David Schaubert and Rodney Sharp.
33. Selected Livestock Enterprise Budgets for Colorado, 1987, DARE Information Report IR: 88-3, Department of Agricultural and Resource Economics, Colorado State University, Fort Collins, August 1988. With Paul Gutierrez, Jvonne Yonk, David Schaubert and Rodney Sharp.
34. "Directions in American Agriculture 1986-2000," Proceedings of Sheep Industry Leadership School, American Woolgrowers Association, Fort Collins, July, 1986.
35. "Process of Identifying Cost Reduction Practices," National Conference on Lowering Beef Cattle Production Costs," Sponsored by Department of Animal Sciences, Colorado State University, Ft. Collins, October 1990.

36. Colorado Integrated Resource Management (IRM) Program: A Summary of the First Five Years, Agricultural Experiment Station and Cooperative Extension, Colorado State University, Ft. Collins, 1990
37. "Buying Versus Raising Replacement Heifers: Economic Issues," Proceedings of Bull and Replacement Heifer Workshops, Agricultural Experiment Station and Cooperative Extension, Colorado State University, Ft. Collins, February 1990.
38. Custom Rates for Colorado Farms and Ranchers, 1988-89, XCM-58, Colorado State University Cooperative Extension, Ft. Collins, June, 1990.
39. Selected 1988-89 Crop Enterprise Budgets for Colorado, DARE Information Report IR:90-1, Department of Agricultural and Resource Economics and Cooperative Extension, Colorado State University, Ft. Collins, July 1990.
40. Selected 1988-89 Livestock Enterprise Budgets for Colorado, DARE Information Report IR:90-2, Department of Agricultural and Resource Economics and Cooperative Extension, Colorado State University, Ft. Collins, July 1990.
41. Selected 1990-1991 Crop Enterprise Budgets for Colorado, DARE Information Report IR:93-2, Department of Agricultural and Resource Economics, Colorado State University, Fort Collins, July 1992. With P.H. Gutierrez, D. Schaubert, and R.L. Sharp.
42. Selected Vegetable Crop Enterprise Budgets for Colorado, DARE Information Report IR:93-2, Department of Agricultural and Resource Economics, Colorado State University, Fort Collins, June 1993. With N.L. Dalsted, D. Schaubert, and R.L. Sharp.
43. "Contrasts and Commonalities: Hispanic and Anglo Farming in Conejos County, Colorado." 1990 Annual Meeting of the Rural Sociological Society, Norfolk, Virginia. August, 1990.
44. Crop Enterprise Budgets for Colorado - 1993, Department of Agricultural and Resource Economics, Extension Publication XCM-182, Colorado State University, August 1994.
45. "Health Care and Medical Costs of Selected Colorado Dairy Farms", 2001 Animal Science Research Report, Department of Animal Sciences, Colorado State University, pages 19-24. With Mizuta, Garry, Field, and Green.
46. Lease Terms for Farmland in Colorado, Cooperative Extension and Department of Agricultural and Resource Economics, Extension Publication XCM-168, Colorado State University, March 1994.
47. "Identification and Management of Critical Control Points in the Cow-Calf Enterprise for Achieving and Maintaining Consistency and Low Costs of Production: Summary of Overall Economic Results". 1997 Beef Program Report, Department of Animal Sciences, Colorado State University, Fort Collins, CO. April 1997 with W.L. Lankister, R.D. Green and R.E. Taylor.
48. "Validating Alternative Manure Management Systems for Dairy and Beef Confined Feeding Operations, Report to American Farm Bureau, Department of Soil and Crop Sciences. Colorado State University, Fort Collins, CO. July 1997. With R.M. Waskom and D.G. Westfall.
49. "Colorado State Brings Together Business and Family Strategies for Amicable Intergenerational Estate Transfer Planning". 1997 Beef Program Report, Department of Animal Sciences, Colorado State University, Fort Collins, CO. With R.J. Fetsch, T.G. Field, and T.S. Zimmerman.
50. Selected Crop Enterprise Budgets for Colorado - 1996, Cooperative Extension Service, Colorado State University, Fort Collins, CO. October 1997. With J.E. Tranel, R. Sharp, and P.H. Gutierrez.

CONTRACT AND CONSULTING REPORT

1. Colorado Coal Resources, Production, and Distribution, United States Environmental Protection Agency, Region 8, 1860 Lincoln Street, Denver, Colorado, October 1980. With John Green and Dennis Winters.

SERVICE PUBLICATIONS

1. "Custom Rates". Colorado Farmer-Stockman. Volume 53, Number 7, May, 1999. With Jeff Tranel, Rod Sharp, Dennis Kaan, and Paul Gutierrez.
2. "Crop Land Leases". Agricultural Outlook 1999, published by Agland, Inc. February, 1999.
3. "North Dakota Coal Resources and Development Potential," North Dakota Farm Research, Volume 31, No. 6, July-August, 1974.
4. "The Economic Impact of Coal-Based Energy Development in Western North Dakota," North Dakota Farm Research, Volume 31, No. 6, July-August 1974. With Thor Hertsgaard and F. Larry Leistriz.
5. Socioeconomic Impacts of Lignite Coal Resource Development, Volume 34, Number 2, North Dakota Farm Research, Agricultural Experiment Station, North Dakota State University, Fargo, North Dakota, November-December 1976. With F. Larry Leistriz.
6. Water as a Parameter for Development of Energy Resources in the Upper Great Plains : Socioeconomic Effects of Alternative Patterns of Coal-Based Energy Development, Research Report No. 70, North Dakota Agricultural Experiment Station, Fargo, North Dakota, 1978.
7. Water Use by Coal-Fired Power Plants in 1975, Staff Report No. A6ESS810326 Natural Resources Economics Division, Economics Statistics and Cooperative Services, U.S. Department of Agriculture, Fort Collins, Colorado, March 1981. With John Green.
8. "Coal In Colorado's Future," Colorado Economic Issues, Volume 5, Number 9, Cooperative Extension Service, Colorado State University, Fort Collins, May 1981. With John Green and Giles Rafsnider.
9. "Water Requirements For Coal-Fired Power Plants," Water and Energy: Technical and Policy Issues, American Society of Civil Engineers, 345 East 47th Street, New York, New York. June 1982.
10. "Farm Financial Management." Colorado Agribusiness Roundup, Cooperative Extension Service, Colorado State University, Fort Collins, Winter 1982-83.
11. "Agricultural Creditor's Lending Criteria," Colorado Agribusiness Roundup, Cooperative Extension Service, Colorado State University, Fort Collins, Colorado, Winter 1983. With Stacy A. Hornung.
12. "Farm/Ranch Management Update," Colorado Agribusiness Roundup, Cooperative Extension Service, Colorado State University, Fort Collins, Colorado, Winter 1985.
13. "Farm Management—Financial Viability in a Changing Agriculture," Colorado Agribusiness Roundup, Cooperative Extension Service, Colorado State University, Fort Collins, Fall 1985.
14. "Integrated Ranch Management—A Key to Financial Viability," CSU Beef Program Report, Department of Animal Sciences, Colorado State University, Fort Collins, Colorado, April 1985.
15. "IRM Equals Beef Cattle Profits," Extension Review, Vol. 56, No. 3, United States Department of Agriculture, Washington, D.C., Summer 1985.

16. "Time to Bite the Bullet," Colorado Agribusiness Roundup, Cooperative Extension Service, Colorado State University, Fort Collins, Colorado, Winter 1984-85.
17. "Analyzing the Costs of Hay Storage Losses," Cattle Guard, Volume 31, Number 9. Colorado Cattlemen's Association, Denver, September 1986, pp. 12-14.
18. "Farm/Ranch Management," Colorado Agribusiness Roundup, Cooperative Extension Service, Colorado State University, Fort Collins, Spring 1986.
19. "Management in the 80s," Colorado Rancher and Farmer, November 1986.
20. "Farm Management Team Adopts Oklahoma's IFFS Package," Colorado Agribusiness Roundup, Cooperative Extension Service, Colorado State University, Fort Collins, Fall 1986.
21. "Farm Management Update," Colorado Agribusiness Roundup, Cooperative Extension Service, Colorado State University, Fort Collins, Winter 1987.
22. "Looking into the Future," Colorado Rancher and Farmer, October 1989.
23. "Agricultural Financial Outlook for 1989-90," Colorado Agribusiness Roundup, Cooperative Extension, Colorado State University, Fort Collins, Winter 1989-90.
24. "The U.S. Farm Financial Picture Stabilizing?" Colorado Agribusiness Roundup, Cooperative Extension, Colorado State University, Fort Collins, Winter 1989-90.
25. "Colorado State Comments," Cattle Guard Volume 34, Number 3, Colorado Cattlemen's Association, Denver, April 1989.
26. "Data Is Money," Beef Magazine, Spring 1989.
27. "How Long Do You Keep Her?" Beef Magazine, Spring 1989.
28. "Agricultural Financial Outlook," Colorado Agribusiness Roundup, Cooperative Extension, Colorado State University, Fort Collins, Spring 1989.
29. "Farm Input Outlook for 1989," Colorado Agribusiness Roundup, Cooperative Extension, Colorado State University, Fort Collins, Spring 1989.
30. "Colorado Ag—The 1987 Census," Colorado Rancher and Farmer, June 1989.
31. Colorado State University Farm and Ranch Management Resource Manual, Cooperative Extension, Colorado State University, Fort Collins, 1990.
32. "What Are Cow Costs?" Beef Sciences Newsletter, Department of Animal Sciences and Cooperative Extension, Colorado State University, Fort Collins, May/June 1990.
33. "Partial Budgeting," Service-In-Action, no. 3.760, Colorado State Cooperative Extension, May 1990.
34. "Partial Budget Form," Service-In-Action, no. 3.761, Colorado State Cooperative Extension, May 1990.
35. "Heifer Buying Vs Raising Replacements," Wyoming Stockman and Farmer, April 1990.
36. "The Impacts of Uncertainty for the 1990 Farm Bill and the Colorado Economy," Department of Agricultural Economics, Oklahoma State University, Stillwater, and Department of Agricultural and Resource Economics, Colorado State University, Ft. Collins, September 1990.

37. "Breakeven Method of Investment Analysis," Service In Action, no 3.759, Colorado State University Cooperative Extension, January 1990.
38. Agricultural Finance Outlook for 1990, Colorado Agribusiness Roundup, Colorado State University Cooperative Extension, Ft. Collins, Spring 1990.
39. Agricultural Finance Outlook for 1991, Colorado Agribusiness Roundup, Colorado State University Cooperative Extension, Fort Collins, Fall 1990.
40. Drought Relief, Department of Agricultural and Resource Economics and Cooperative Extension, Colorado State University, March 1990.
41. "Industrialization of Agriculture", Colorado Agribusiness Roundup, Colorado State University, 1995.
42. "Tax Tips for 1996" Colorado Dairy News, Volume 1, Number 3, Colorado State University, Fort Collins, CO. November 1995
43. "Federal Crop Insurance Program Analysis" with Michael Popp, Don Nitchie and Mel Skold. Extension publication, December 1995.
44. Agriculture and Business Management Notes, with Paul Gutierrez, Rod Sharp, Jeff Tranel, et.al., Cooperative Extension, Colorado State University. 1995.
45. "Financial Outlook". Agricultural Industry Outlook and Resource Directory, presented at Governor's Colorado Agricultural Outlook Forum, Colorado Convention Center, Denver, CO. February, 1997.
46. "How Do Your Costs Measure Up"? Colorado Rancher and Farmer, March 1997. With J.E. Tranel, R. Sharp, and P.H. Gutierrez.
47. "Estate Planning". Special Report of Colorado Rancher and Farmer, November 1997 served as a major contributor to the articles published on estate planning.
48. Beef Stocker/ Yearling Budget – Summer Pasture, Department of Agricultural and Resource Economics, PFM 04-01 with James Pritchett. December 2001.
49. Economic Feasibility Analysis if Dry Bean Processing and Seed Cleaning and Fertilizer Plant, Producers Cooperative, Olathe, CO. With Rod Sharp and Sue Hine. December 2004.
50. Economic Feasibility of Sugar Beet Production and Limited Processing – Tri River Area, Western Sugar Cooperative, Delta, Grand Junction & Montrose area. With Rod Sharp. January 2004.
51. Executive Summary—Feasibility of Sugar Beet Production Tri River Area. Western Sugar Cooperative. With Rod Sharp. January 2004.
52. Agriculture for Agribusiness in Weld County, Weld County Extension Services & Greeley Tribune. October 2004.
53. "Cattle Replacement Provisions Highlight Top Changes," High Plains Journal, Section A, Number 47, Volume 121. With Larry Dreiling. November 2004.
54. "Wheat Worldwide Production Grows, US Loses Market Share," Agriculture and Business Management, Volume 1 Issue 1, Colorado State Cooperative Extension. With John Deering. September 2004.
55. "The Feasibility of Alternative Enterprises in Agriculture – Wind and Solar Energy," Agricultural Lenders Handbook. 2006.

56. Sugar Beet Ethanol Feasibility Analysis, Colorado State and Kansas State, Colorado Cooperative Council, published by Kansas State University, with Michael Bolard and Sue Hine, 2008.
57. Ethanol Market in Colorado, with Rod Sharp, Colorado Cooperative Council, 2008.

OTHER PUBLICATIONS

PROCEEDINGS

1. "The Western Center for Integrated Resource Management". 1999 Beef Program Report, Department of Animal Sciences, Colorado State University, April 1999. (Co-author).
2. "Economic Potentials of Agriculture in Southwestern North Dakota," Proceedings: Conference on the Future of Agriculture in Southwestern North Dakota, Dickinson, North Dakota, 1973.
3. "Economic Impact of Coal-Based Energy Development on a Rural Area: An Empirical Study," Annual Meeting Proceedings: Western Agricultural Economics Association, 1974, Moscow, Idaho. With Thor Hertsgaard and F. Larry Leistritz.
4. "Economic Implications of a Coal Export Policy in the Northern Great Plains," Annual Meeting Proceedings: Western Agricultural Economics Association, 1975, Reno, Nevada.
5. "Economic Impact of Coal Development in Western North Dakota," Proceedings of the Fort Union Coal Field Symposium, Volume 4, Social Impact Section, sponsored by the Montana Academy of Sciences at Eastern Montana College, Billings, Montana, April 25-26, 1975, pp. 480-492.
6. "Projecting Ash and SO₂ Production from Coal-Fired Power Plants." Symposium Proceedings: The Change of Change - Sixth International Ash Utilization Volume 2, Morgantown Energy Technology Center, U.S. Department of Energy and National Ash Association, Morgantown, West Virginia, July 1982.
7. "Interfacing with Time-Share Systems." Proceedings of 76th Annual Colorado Veterinary Medical Association Convention, Colorado Veterinary Medical Association, 1777 South Bellaire, Denver, Colorado, September 1982.
8. "Budgeting as a Tool," Conference Proceedings: Beef Female Reproduction Potential, Cooperative Extension Service, Colorado State University, Fort Collins, Colorado, January 1984.
9. "IRM Farm and Ranch Management Program: Financial Management Software," Proceedings of the International Conference on Computers in Agricultural Extension Programs, Florida Cooperative Extension Service and Institute of Food and Agricultural Sciences, University of Florida, Gainesville, February 1986, pp. 240-245.
10. "The Economics of Controlling Wind Erosion," Symposium on Soil Erosion By Wind, Soil Conservation Society of America, Denver, Colorado, February, 1987. Co-author with Melvin Skold.
11. "Northern Colorado Yearling Enterprise Analysis," 1987 Proceedings of Yearling Cattle Management, 1:1-11, Department of Animal Sciences, Colorado State University, Fort Collins, February, 1987.
12. "Cow Costs and Financial Structure of Livestock Operations," Proceedings of American Association of Bovine Practitioners, Calgary, Alberta, Canada, September, 1988.
13. "The Colorado IRM Program," Proceeding of National Integrated Resource Management: Leadership Conference, Sponsored by Extension Service, USDA, and National Cattlemen's Association, Denver, Colorado, November 1988.

14. "Selection and Development of the Replacement Asset: The Case of the Replacement Heifer," Proceedings of Western Agricultural Economics Association, July, 1989.
15. "Wherever We're Going—We're Going Too Fast," Proceedings of National Sheep Leadership School, Greeley, Colorado, July 1989.
16. "The Economics of Improving Reproductive Performance," Proceedings of National Sheep Reproduction Symposium, Fort Collins, Colorado, July 1989.
17. "Selection and Development of the Replacement Asset: The Case of the Replacement Beef Heifer," Proceedings of Western Agricultural Economics Association, Coeur d'Alene, Idaho, July 1989.
18. "Economics of Replacement Heifer Selection" Bull and Replacement Heifer Selection Workshop Series, Colorado State University, Fort Collins, Colorado, February 1989.
19. "Buying vs. Raising Replacement Heifers: Tax and Economic Issues," The Range Beef Cow Symposium XI, Rapid City, South Dakota, December 1989.
20. "Farm/Ranch Management Tools - An Integrated Approach." The 3rd International Conference on Computers in Agricultural Extension Programs. University of Florida, Institute of Food and Agricultural Sciences. February 1990
21. "Process of Identifying Cost Reduction Practices," National Conference, Lowering Beef Cattle Production Costs. Fort Collins, Colorado, October 5 - 6, 1990.
22. "Determining the Nutritional Costs of the Cow Herd," IRM Workshop Series: The 90's Approach to Cow Herd Nutrition. Colorado State University, November-December, 1990.
23. "Reproductive Efficiency of the Beef Replacement Heifer: Update on an Evolving Integrated Selection and Development Program," Western Section ASAS, Reno, Nevada, July 1989.
24. "Variations in Costs of Production - Beef Cattle," Current Issues in the Beef Industry, Proceedings of IRM Workshops, Cooperative Extension and Agricultural Experiment Station, Colorado State University, Fort Collins, February 1994.
25. Integrated Resource Management - Beef Cattle in Colorado, Fact Sheet for Great Plains Agricultural Council on Integrated Resource Management Publication, North Dakota State University, Fargo, ND. May 1994.
26. "Cattle Industry into the 21st Century". Proceedings of 1997 Tri-State Cow/Calf Symposium, Colorado State University, Kansas State University and University of Nebraska, February 1997.
27. "Extension Risk Management and Crop Insurance Teaching Program," Proceedings in the 2003 National Extension Management Education Conference. Pub 8-2003. Department of Agricultural Economics and Rural Sociology, Auburn University, Alabama, with D. Jose and A. Barnaby.
28. "Water – A Priceless Asset and a Stunning Liability in Drought," Invited presentation. National Extension Risk Management Education Conference published in Proceedings in the 2003 National Extension Management Education Conference. Pub 8-2003. Department of Agricultural Economics and Rural Sociology, Auburn University, Alabama.
29. "Financial Analysis in Agricultural Business," Proceedings of 65th Annual Conference for Veterinarians, Colorado State University, January 2004.
30. "The Importance of Calving Distribution and Reproductive Efficiency on Returns to the Cow-Calf Producer," Proceedings of 2004 Western Section, American Society of Animal Science, Oregon State University, Corvallis, June 2004.

31. "Effect of Stall Base Type in Herd Health Costs, and Producer Satisfaction," Sixth International Dairy Housing Conference Proceedings, ASABE Publication No. 701P0507e, Minneapolis, MN, June 2007.
32. "Ag Financing: Economics, Bankruptcies, and Workouts," Conference Proceedings 16th Annual Ag and Rural Law Roundup, Colorado Bar Association and CLE in Colorado, Inc., Denver, CO, June 2007.
33. "Key Elements and an Estate Plan-An Overview," with Rod Sharp. Published by Western Center for Risk Management, Washington State University, Fall 2007.

COMPUTER SOFTWARE

1. Market II (A Lotus 123 template to compute the Enterprise and Profit Goals for the Cow/Calf Producer) SCM 9010, Cooperative Extension, Colorado State University, November 1988.
2. Heifer (A Lotus 123 template to compute the Development Costs and a Breakeven Analysis of the Commercial Replacement Heifer) XCM-9013, Cooperative Extension, Colorado State University, June 1989.