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**Education:** Ph.D., December 1999, New Mexico State University  
Major: Animal Science  
Dissertation: Increasing ewe lamb growth and development and reproduction by protein supplementation

M.S., December 1996, Angelo State University  
Major: Animal Science  
Thesis: Effects of sire and management on performance tested Rambouillet rams

B.S., May 1994, Angelo State University  
Major: Animal Science  
Minor: Biology/Chemistry

**Experience:**

2006 – Present	Associate Professor and Research Scientist, Agriculture Department, Angelo State University
2001 – 2006	Assistant Professor and Research Scientist, Agriculture Department, Angelo State University, San Angelo, Texas
2000 – 2001	Assistant Professor and State Extension Livestock Specialist, Department of Animal Science, University of Tennessee Agricultural Extension Service, Knoxville, Tennessee
1999 - 2000	Senior Research Assistant, Department of Animal and Range Science New Mexico State University, Las Cruces, New Mexico
1997 – 1999	Graduate Teaching and Research Assistant, Wool and Mohair Judging Team Coach, Department of Animal and Range Sciences, New Mexico State University, Las Cruces, New Mexico
1994 – 1996	Graduate Assistant, Department of Agriculture, Angelo State University, San Angelo, Texas

1990 – 1994

Student Assistant, Department of Agriculture, Angelo State University,  
San Angelo, Texas

## **Publications:**

### *Refereed Journals:*

Edrington, T.S, M. Long, T.T. Ross, J.D. Thomas, T.T. Callaway, R.C. Anderson, F. Craddock, M.W. Salisbury, and D.J. Nisbet. 2009. Prevalence and antimicrobial resistance profiles of *Escherichia coli* 0157:H7 and *Salmonella* isolated from feedlot lambs. *Journal of Food Protection*. Vol. 72; 8:1713-1717.

Yates, D.T., M.W. Salisbury, H. Anderson, and T.T. Ross. 2009. Effects of Tasco-EX supplementation on growth and fertility traits in young male Boer goats experiencing heat stress. *Texas Journal of Agriculture and Natural Resources*. (Submitted:) August.

Woolley, D.K., B.J. May and M.W. Salisbury. 2009. Effect of protein level on feedlot performance and carcass characteristics of Texas Rambouillet feeder lambs. *Texas Journal of Agriculture and Natural Resource*. (Submitted)

Kiker, W.A., M.W. Salisbury, B. Green and G.R. Engdahl. 2007. Effects of protein and energy feeding on ovine oocyte production and developmental capacity. *TX. Jour. Ag. Nat Res*. 20:52-62.

Salisbury, M.W., B.J. May, S.J. Talley, M.A. Carr and G.R. Engdahl. 2007. Feedlot performance and carcass characteristics of feeder lambs implanted and re-implanted with zeronol. *TX. Jour. Ag. Nat Res*. 20:1-9.

Sluiter, R.S., B.J. May, M.W. Salisbury, C.B. Scott, G.R. Engdahl and B.F. Craddock. 2007. Feedlot Performance and Carcass Traits of Texas Rambouillet Feeder Lambs Implanted with Growth Implants. *TX. Jour. Ag. Nat Res*. 20:22-27.

Mendoza, N. Jr, B.J. May, M.W. Salisbury and G.R. Engdahl. 2007. The Effect of Protein Level on Feedlot Performance and Carcass Characteristics of Texas Rambouillet Ewes. *TX. Jour. Ag. Nat Res*. 20:75-81.

Salisbury, M. W., T. T. Ross, C. R. Krehbiel, C. L. Schultz, and L. L. Melton. 2004. Effects of protein type on intake, nitrogen balance, and site, and extent of digestion in whiteface wethers consuming low-quality grass hay. *J. Anim. Sci*. 82:3567-3576.

Schultz, C. L., T. T. Ross, and M. W. Salisbury. 2003. The effects of supplementing ewes with D- $\alpha$  Tocopherol on serum and colostrum immunoglobulin G titers and Preweaning lamb performance. *Sheep and Goat Res. J.* 18:96-100.

Salisbury, M. W., T. T. Ross, C. R. Krehbiel, L. L. Melton, C. L. Schultz, and D. M. Hallford. 2000. Development and reproductive performance in Suffolk and whitefaced lambs consuming medium-quality forage and supplemented with two levels of undegradable intake protein. *Sheep & Goat Res. J.* 16(2):37-45.

Salisbury, M. W., G. R. Engdahl, B. J. May, C. J. Lupton and C. B. Scott. 1997. Effects of protein source on performance of Rambouillet rams. *Sheep and Goat Research Journal.* 13:(2)78-81.

Salisbury, M. W., D. F. Waldron, G. R. Engdahl, C. J. Lupton, C. B. Scott, and B. J. May. 1999. Central test performance of Rambouillet rams as a predictor for growth and wool traits in feedlot and range environments. *Sheep and Goat Research Journal* 15:(2)80-86.

*Proceedings Papers:*

Lupton, C.J., F.A. Pfeiffer, W.S. Ramsey, M.W. Salisbury, D.F. Waldron, J.W. Walker, and T.D. Willingham. 2009. A comparison between Texas Rambouillet sheep and Australian Marino F1 crosses. *Western Extension, Research, and Academic Coordinating Committee 039 Proceedings.* Reno, Nevada: 31-33.

Turner, A., M.W. Salisbury, G.R. Engdahl, and K.C. Ede. 2009. Effect of seasonal day length changes on fertility in Rambouillet, Suffolk and Hair sheep rams. *Western Extension, Research, and Academic Coordinating Committee 039 Proceedings.* Reno, Nevada: 35-36.

Salisbury, M.W., C.J. Lupton, J.M. Self, C. Settle, and K.C. Ede. 2009. Correlations between the amount of hair at birth and wool quality at weaning in Rambouillet lambs. *Western Extension, Research, and Academic Coordinating Committee 039 Proceedings.* Reno, Nevada: 37-38.

Settle, C.E., M.W. Salisbury, G.R. Engdahl and B.J. May. 2008. Using Kelp Seaweed to Control Heat Related Infertility in Rambouillet and Suffolk Rams. *Western Extension, Research, and Academic Coordinating Committee 039 Proceedings.* Chico Hot Springs, Montana: 38.

Yates, D.T., M.W. Salisbury and H. Anderson. 2007. Effects of supplementation of tasco-ex on infertility in young male goats experiencing heat stress. *J. Anim. Sci.* 85:171, Supplement 2.

Dunbar, N.A., B.J. May, M.W. Salisbury, C.B. Scott and M.T. Schafer. 2007. Effect of copper supplementation on artificial insemination conception rate of Angus cows and feedlot performance of Angus bulls. J. Anim. Sci. 85:173, Supplement 2.

Mendoza, N., B.J. May, M.W. Salisbury, G.R. Engdahl, and G.G. Hilton. 2007. The effect of protein level on feedlot performance and carcass characteristics of Texas Rambouillet ewes. J. Anim. Sci. 85:173, Supplement 2.

Self, J.M., M.W. Salisbury, B.J. May, G.E. Engdahl, C.B. Scott and R. Horst. 2006. Vitamin D Supplementation in Fall Born Rambouillet Lambs Raised on Small Grain Pastures. J. Animal Sci Proceeding, Western Section.

Sato, N.E.A., M.W. Salisbury, C.B. Scott, and G.R. Engdahl. 2006. Effect of *Solanum dimidiatum* on embryonic loss and neonatal lamb survival in Rambouillet sheep. Western Extension, Research, and Academic Coordinating Committee 039 Proceedings. San Angelo, Texas.

Salisbury, M.W., C.J. Lupton, J.M. Self, and G.R. Engdahl. 2005. Effect of the amount of hair at birth on fiber diameter and staple length at weaning in Rambouillet lambs. Proc. Western Extension, Research and Academic Coordinating Committee Annual Meeting.

Salisbury, M.W. 2005. Goat Reproduction Management. Proceedings:Gathering of Goat Producers IV.

Kiker, W.A., M.W. Salisbury and G.R. Engdahl. 2005. Effects of protein and energy feeding on ovine oocyte production and developmental capacity. J. Anim. Sci. Western Sect. Proc. 56:312-316.

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Long, M., T.T. Ross, T.S. Edrington, B.F. Craddock, J.D. Thomas, M. Salisbury, and K.L. Christensen. 2004. Incidence of Escherichia coli 0157:H7 and salmonella in fecal, wool, and carcass sample in feedlot lambs. J. Anim. Sci. Western Sect. Proc. 55:286-291.

Padilla, D. J., J. Smith, T. T. Ross, M. W. Salisbury, J. R. Strickland, and L. L. Melton. 2000. Effects of Snakeweed toxicity and supplementation on Gonadotropin-Releasing Hormone (GnRH), feed and weight change and liver function. Proc. West. Sec. Amer. Soc. Anim. Sci. 51:136-139.

Salisbury, M. W., T. T. Ross, L. L. Melton, and S. Langley. 2000. Effects of feeding soybean oil pre-breeding as a supplement to flush mature Suffolk ewes on body weight change, conception rate, and lamb birth weight. *Proc. West. Sec. Amer. Soc. Anim. Sci.* 51:132-135.

Salisbury, M. W., T. T. Ross, C. R. Krehbiel, C. L. Schultz, L. Melton, and S. Langley. 1999. Growth, LH release, pregnancy, intake, and forage digestion in Suffolk ewe lambs supplemented with two levels of undegradable intake protein. *Proc. West. Sec. Amer. Soc. Anim. Sci.* 50:141-146.

Kirby, K. D., J. D. Thomas, T. T. Ross, F. A. Schneider, L. A. Appeddu, S. Hogge, M. Salisbury, C. Schultz, and A. S. Thomas. 1998. Effects of selenium enriched yeast and vitamin E, supplemented daily to feeder lambs, on feedlot performance, carcass characteristics and meat quality. *Proc. West. Sec. Amer. Soc. Anim. Sci.* 49:116-118.

Sawyer, J. E., L. A. Knox, L. A. Richards, M. Salisbury, J. Richards, C. Krehbiel, and M. K. Petersen. 1998. Nitrogen utilization in thin cows consuming lovegrass straw supplemented with different amounts of non-protein nitrogen and true protein. *Proc. West. Sec. Amer. Soc. Anim. Sci.* 49:36-39.

*Abstracts and Presentations:*

Owens, C.J., C.B. Scott, M.W. Salisbury and C.A. Taylor, Jr. 2008. Juniper consumption does not cause abortions or reduce neonatal viability in Boer-cross goats. *Abstr. Soc. Range Management.* 61:1273.

George, C., C.B. Scott, C.A. Taylor, Jr., C.J. Owens, M.W. Salisbury, and B.J. May. 2008. Effects of Protein supplementation on juniper consumption by goats. *Abstr. Soc. For Range Management.* 61:1898.

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Owens, C.J., C.B. Scott, M.W. Salisbury, and C.A. Taylor, Jr. 2007. Does juniper consumption by pregnant goats cause reproductive failure and/or reduction in neonatal viability. WERA 039. Corvallis, Oregon.

Owens, C.J., C.B. Scott, M.W. Salisbury, and C.A. Taylor, Jr. 2007. Juniper consumption does not cause abortions or reduce neonatal viability in Boer-cross goats. Abstr. Soc. Range Manage. (Accepted).

Owens, C.J., C.B. Scott, M.W. Salisbury, and C.A. Taylor, Jr. 2007. Juniper consumption does not cause abortions or reduce neonatal viability in Boer-cross goats. Tex. Sec. Soc. Range Manage.

Sato, N.E.A., M.W. Salisbury, C.B. Scott, C.J. Owens, and G.R. Engdahl. 2007. Potato weed (*Solanum dimidiatum*) ingestion does not cause embryonic loss or affect neonatal lamb survival. Abstr. Soc. Range Manage, #381, Reno, NV.

Self, J.M., M.W. Salisbury, B.J. May, G.E. Engdahl, C.B. Scott and R. Horst. 2006. Vitamin D Supplementation in Fall Born Rambouillet Lambs Raised on Small Grain Pastures. J. Animal Sci Proceeding, Western Section.

Sato, N.E.A., M.W. Salisbury, C.B. Scott, and G.R. Engdahl. 2006. Effect of *Solanum dimidiatum* on embryonic loss and neonatal lamb survival in Rambouillet sheep. Western Extension, Research, and Academic Coordinating Committee 039 Proceedings. San Angelo, Texas.

Salisbury, M.W., C.J. Lupton, J.M. Self, and G.R. Engdahl. 2005. Effect of the amount of hair at birth on fiber diameter and staple length at weaning in Rambouillet lambs. WERA Annual Meeting: Houston Texas.

Kiker, W.A., M.W. Salisbury and G.R. Engdahl. 2005. Effects of protein and energy feeding on ovine oocyte production and developmental capacity. J. Anim. Sci. 83:Supp. 2:.

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Long, M., T.T. Ross, T.S. Edrington, B.F. Craddock, J.D. Thomas, M. Salisbury, and K.L. Christensen. 2004. Incidence of Escherichia coli 0157:H7 and salmonella in fecal, wool, and carcass sample in feedlot lambs. J. Anim. Sci. 82:Supp. 2:114.

Emberson, S.M., B.J. May, M.W. Salisbury, M.A. Carr, G.R. Engdahl, G.G. Hilton, C.B. Scott and R.L. Reed. 2003. Effects of whole corn versus cracked corn on performance of growing-finishing Angus bulls. J. Anim. Sci. 81:Supp. 1:229.

Talley, S.J., M.W. Salisbury, B.J. May, M.A. Carr, C.B. Scott and G.R. Engdahl. 2003. Feedlot performance and carcass characteristics of feeder lambs implanted and re-implanted with Zeranol implants. J. Anim. Sci. 81:Supp. 1:227.

Gill, W. W., M. W. Salisbury, M.D. Davis, J.B. Neel, C.D. Lane, Jr. and B.D. Sims. 2001. A comparison of three ration formulations provided to beef calves as pre-weaned creep and post-weaned supplemental concentrate. J. Anim. Sci. Proc., Southern Section Meetings. No. 63:18.

Salisbury, M. W., T. T. Ross, L. L. Melton, and S. Langley. 2000. Effects of feeding soybean oil pre-breeding as a supplement to flush mature Suffolk ewes on body weight change, conception rate, and lamb birth weight. J. Anim. Sci. 77:(Supp. 1), 109.

Salisbury, M. W., F. D. Kirkpatrick, J. D. Gresham, J. D. Bartee, C. D. Lane, W. W. Gill and J. B. Neel. 2000. Effect of ultrasound evaluation on steer quality in junior market steer shows. J. Anim. Sci. Proceedings, S. Sec. Meetings. No. 68:19.

Padilla, D. J., J. Smith, T. T. Ross, M. W. Salisbury, J. R. Strickland, and L. L. Melton. 2000. Effects of Snakeweed toxicity and supplementation on Gonadotropin-Releasing Hormone (GnRH), feed and weight change and liver function. J Anim. Sci. 385.

Neel, J. B. and M. W. Salisbury. 2000. Beef Quality Assurance. University of Tennessee Beef and Forage Field Days. Poster Presentation.

Neel, J.B., W.W. Gill, M.D. Davis, M.W. Salisbury and T.M. Steen. 2000. Effect of Southeastern Pride Blue Tag Health and Management Program on the gain of postweaned feeder calves. J. Anim. Sci. Proc, S. Sect. Meetings. No. 61:17.

Salisbury, M. W., T. T. Ross, C. R. Krehbiel, C. L. Schultz, L. Melton, and S. Langley. 1999. Growth, LH release, pregnancy, intake, and forage digestion in Suffolk ewe lambs supplemented with two levels of undegradable intake protein. *J. Anim. Sci. Supp.* 1:134.

Schultz, C. L., T. T. Ross, M. W. Salisbury, and L. Melton. 1999. Effects of supplementing ewes with D  $\alpha$  - Tocopherol on lamb serum and ewe colostrum immunoglobulin concentration, and preweaning lamb growth. *J. Anim. Sci.* 77:(Supp. 1), 238.

Appeddu-Richards, L., J. B. Richards, M. Encinias, M. Salisbury and M. K. Petersen. 1998. Supplementing feathermeal and bloodmeal to increase protein intakes and change performance of postpartum range ewes. *J. Anim. Sci.* 76 (Supp 1):282.

Salisbury, M. W., T. T. Ross, C. R. Krehbiel, C. L. Schultz, and L. Melton. 1998. Intake digestion and nitrogen balance in lambs supplemented with high or low levels of undegradable intake protein. *J Anim. Sci.* 76 (Supp. 1):206.

Sawyer, J. E., L. A. Knox, L. A. Richards, M. Salisbury, J. Richards, C. Krehbiel, and M. K. Petersen. 1998. Nitrogen utilization in thin cows consuming lovegrass straw supplemented with different amounts of non-protein nitrogen and true protein. *J. Anim. Sci.* 76: (Supp. 1):374.

Schultz, C. L., T. T. Ross, M. W. Salisbury, and K. D. Kirby. 1998. D  $\alpha$  - Tocopherol does not influence first service conception rates, pregnancy rates and prostaglandin release in ewes. *J. Anim. Sci.* 76: (Supp. 1):282.

Kirby, K. D., J. D. Thomas, T. T. Ross, F. A. Schneider, L. A. Appeddu, S. Hogge, M. Salisbury, C. Schultz, and A. S. Thomas. 1998. Effects of selenium enriched yeast and vitamin E, supplemented daily to feeder lambs, on feedlot performance, carcass characteristics and meat quality. *J Anim. Sci.* 76 (Supp 1):150.

Kirby, K. D., J. D. Thomas, T. T. Ross, F. A. Schneider, L. A. Appeddu, S. Hogge, M. Salisbury, C. Schultz, and A. S. Thomas. 1997. Feedlot performance and wool growth of feeder lambs supplemented daily with selenium enriched yeast and varying levels of vitamin E. *J Anim. Sci* 75 (Supp 1):174.

Salisbury, M. W., G. R. Engdahl, C. J. Lupton, D. F. Waldron, C. B. Scott and B. J. May. 1997. Central test performance of Rambouillet rams as a predictor of progeny performance for growth and wool traits in feedlot and range environments. *J Anim. Sci.* 75 (Supp 1):151.

Salisbury, M. W., G. R. Engdahl, B. J. May, C. J. Lupton, C. B. Scott, and D. R. Shelby. 1996. Effects of protein source on performance of Rambouillet rams. *J Anim. Sci.* 74 (Supp 1):253.

*Progress Reports, and Research Bulletins*

Coates, B.E., M.A. Carr, and M.W. Salisbury. 2009. Effects of Tasco-EX on meat quality in feeder lambs. Progress Report, Department of Agriculture, Angelo State University, San Angelo, TX. R – 12:47-60.

Yates, D.A., M.W. Salisbury, G.R. Engdahl, and H.R. Anderson. Effects of supplementation of Tasco-EX on heat stress induced infertility in young male goats. Progress Report, Department of Agriculture, Angelo State University, San Angelo, TX. R – 12:61-71.

Payan, A.V., B.J. May, M.W. Salisbury, and M.A. Carr. 2009. Effect of Tasco on feedlot performance and carcass characteristic of Rambouillet and Rambouillet X Suffolk cross feeder lambs. Progress Report, Department of Agriculture, Angelo State University, San Angelo, TX. R – 12:72-79.

Gunter, S.M., M.W. Salisbury, B.J. May, M.T. Schafer, and C.B. Scott. 2009. Estrus synchronization with adjusted time artificial insemination in cows and heifers. Progress Report, Department of Agriculture, Angelo State University, San Angelo, TX. R – 12:80-87.

Copeland, J.R., M.W. Salisbury, D.F. Waldron, and B.F. Craddock. 2009. Parasite resistance determined by genetics and species variation in Rambouillet and Dorper sheep. Progress Report, Department of Agriculture, Angelo State University, San Angelo, TX. R – 12:88-102.

Self, R.N., D.F. Waldron, M.W. Salisbury, and G.R. Engdahl. 2009. Changes in performance of traits measured in performance tests on Rambouillet rams. Progress Report, Department of Agriculture, Angelo State University, San Angelo, TX. R – 12:103-119.

Wilber, S., B.J. May, M.W. Salisbury, C.B. Scott, and K.W. Braden. 2009. The effect of zinc supplementation on feedlot performance and carcass characteristics of growing and finishing lambs. Progress Report, Department of Agriculture, Angelo State University, San Angelo, TX. R – 12:120-126.

Sato, N.E.A., M.W. Salisbury, C.B. Scott, and G.R. Engdahl. 2006. Effect of *Solanum Dimidiatum* on embryo loss and neonatal lamb survival in Rambouillet sheep. Progress Report, Department of Agriculture, Angelo State University, San Angelo, TX. R – 11:21.

J.M. Self, M.W. Salisbury, B.J. May, G.E. Engdahl, C.B. Scott and R. Horst. 2006. Vitamin D supplementation in fall born Rambouillet lambs raised on small grain pastures. Progress Report, Department of Agriculture, Angelo State University, San Angelo, TX. R – 11:44.

Dunbar, N.A., B.J. May, M.W. Salisbury, C.B. Scott, and M.T. Schafer. 2006. Effect of copper supplementation on artificial insemination conception rate of Angus cows and feedlot performance of Angus bulls. Progress Report, Department of Agriculture, Angelo State University, San Angelo, TX. R-11:51.

Mendoza, N. Jr., B.J. May, M.W. Salisbury, and G.R. Engdahl. 2006. The effect of protein level on feedlot performance and carcass characteristics of Texas Rambouillet ewes. Progress Report, Department of Agriculture, Angelo State University, San Angelo, TX. R – 11:60.

Hartnett, W.R., M.A. Carr, G.G. Hilton and M.W. Salisbury. 2006. Sensory evaluation of loin chops from different breeds of sheep and goat. Progress Report, Department of Agriculture, Angelo State University, San Angelo, TX. R-11:118.

Vinson, L.G., M.A. Carr, G.G. Hilton and M.W. Salisbury. 2006. Performance and microbial comparisons of sheep from wool and hair breeds. Progress Report, Department of Agriculture, Angelo State University, San Angelo, TX. R – 11:99.

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Dusek, D.C., M.W. Salisbury, C.B. Scott, and F.S. Hartmann. 2004. Effects of bitterweed ingestion on fetal development and reproductive ability in sheep. Progress Report, Department of Agriculture, Angelo State University, San Angelo, TX. R – 10:47-57.

Hart, A.M., M.A. Carr, D.F. Waldron, and M.W. Salisbury. 2004. Using real-time ultrasound to measure lamb carcasses and determine yield. Progress Report, Department of Agriculture, Angelo State University, San Angelo, TX. R – 10:77-88.

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Schultz, C. L., T. T. Ross, M. W. Salisbury, and L. L. Melton. 1999. Vitamin E supplementation and lamb health and development. Station Reports. Western Coordinating Committee 39, p25.

Salisbury, M. W., T. T. Ross, C. R. Krehbiel, C. L. Schultz, and L. Melton. 1998. Intake, digestion and nitrogen balance in lambs supplemented with high or low levels of undegradable intake protein. Station Reports. Western Coordinating Committee 39, p16.

Kirby, K. D., J. D. Thomas, T. T. Ross, F. A. Schneider, L. A. Appeddu, S. Hogge, M. Salisbury, C. Schultz, and A. S. Thomas. 1998. Effects of selenium enriched yeast and vitamin E, supplemented daily to feeder lambs, on feedlot performance, carcass characteristics and meat quality. Livestock Research Briefs and Cattle Growers Short Course, New Mexico State University.

Schultz, C. L., T. T. Ross, M. W. Salisbury, and K. D. Kirby. 1998. D  $\alpha$  - Tocopherol does not influence first service conception rates, pregnancy rates and prostaglandin release in ewes. Station Reports. Western Coordinating Committee 39, p18.

Salisbury, M. W., T. T. Ross, C. R. Krehbiel, C. L. Schultz, and L. Melton. 1998. Ruminally undegradable protein and ewe lamb development. Livestock Research Briefs and Cattle Growers Short Course, New Mexico State University.

Sears, P. L., T. T. Ross, J. B. Smith, C. L. Schultz, M. W. Salisbury, and L. Melton. 1998. Snakeweed toxicosis in livestock. Livestock Research Briefs and Cattle Growers Short Course, New Mexico State University.

Schultz, C. L., T. T. Ross, M. W. Salisbury, K. D. Kirby, and J. D. Thomas. 1998. Vitamin E. and reproductive efficiency in ewes. Livestock Research Briefs and Cattle Growers Short Course, New Mexico State University.

Salisbury, M. W., G. R. Engdahl, B. J. May, and C. J. Lupton. 1996. Effects of protein source on performance of Rambouillet rams. Progress Report R - 6, Department of Agriculture, Angelo State University, San Angelo, TX.

Salisbury, M. W., G. R. Engdahl, C. S. McCown, and T. L. Blair. 1996. Comparison of supplemental limiter feeds for Rambouillet ewes. Progress Report R - 6, Department of Agriculture, Angelo State University, San Angelo, TX.

Waldron, D. F., P. V. Thompson, W. S. Ramsey, T. A. Taylor, M. W. Salisbury, and G. R. Engdahl. 1996. Evaluation of the accuracy of central performance test data in Rambouillet sheep. Texas Agricultural Experiment Station Progress Report, 5257-6. San Angelo, TX.

#### *Extension Publications and Fact Sheets*

Gill, W. W., M. W. Salisbury and F. M. Hopkins. 2001. Foot Rot in Sheep and Goats; Causes, Treatment and Eradication. University of Tennessee Animal Science Fact Sheet. (Web Publication)

Salisbury, M. W. 2001. Ear Tagging and Tattooing Steers and Heifers to be exhibited in the Knoxville Spring Junior Cattle Exposition and the Tennessee Junior Livestock Exposition. University of Tennessee Animal Science Fact Sheet. AS-Beef-203.

Salisbury, M. W. 2001. Facts About Cattle Reproduction. University of Tennessee Animal Science Fact Sheet. AS-Beef-205.

Salisbury, M. W. 2001. Reproduction in the Goat. University of Tennessee Animal Science Fact Sheet. AS-Misc-14.

Salisbury, M. W. 2001. What Causes Weak Kids? University of Tennessee Animal Science Fact Sheet. AS-Goat-1.

Gill, W., J. Neel, C. Lane, and M. Salisbury. 2001. To Wean or Not to Wean. University of Tennessee Animal Science Fact Sheet. AS-Beef-208.

Hopkins, F. M., W. W. Gill, and M. W. Salisbury. 2001. Soremouth in Sheep and Goats. University of Tennessee Animal Science Fact Sheet. AS-Goat-2.

Hopkins, F. M. and M. W. Salisbury. 2001. Goat Flock Health Calendar. University of Tennessee Animal Science Fact Sheet. AS-Goat-3.

Hopkins, F. M. and M. W. Salisbury. 2001. Internal Parasites in Goats. University of Tennessee Animal Science Fact Sheet. AS-Goat-4.

### *Popular Press and News Articles*

Salisbury, M. 2008. 2008 Meat Goat Performance Test Results. The Boer Goat. November/December: 18-20.

Salisbury, M.W. 2005. ASU meat goat buck performance test set. Ranch and Rural Living. May:21.

Salisbury, M. W. 2003. Meat bucks gain average of 0.56 pounds per day in annual meat goat study. Meat Goat Monthly. Vol. 10:9. Pp. 10.

Salisbury, M. 2002. Eighth Annual Meat Goat Performance Test Set For May. Ranch and Rural Living. May:28.

Salisbury, M. 2002. Angelo State Meat Goat Test Concludes. Meat Goat Monthly News. September: 8-9.

Salisbury, M. 2001. Angelo State University Meat Goat Performance Test Results. The Boer Goat. Sept./Oct.:16-18.

Salisbury, M. 2001. ASU Meat Buck Test Results In. Meat Goat Monthly. Vol. 8:9, pg. 16.

Salisbury, M. W. 2001. State Horse Bowl and Hippology Contests. Mid-South Horse Review. March.

Salisbury, M. W. 2001. Junior Beef Cattle Judging Contest Tennessee Beef Agribition. Animal Science Agricultural Extension Service Updates. February, 02-01.

Salisbury, M. W. 2001. Knoxville Spring Junior Cattle Exposition. Animal Science Agricultural Extension Service Update. March, 03-01.

Salisbury, M. W. 2001. There is still time to prepare for Junior Beef and Sheep Shows. Animal Science Agricultural Extension Service Update. March, 03-01.

Salisbury, M. W. 2001. Knoxville Spring Junior Cattle Exposition. Animal Science Agricultural Extension Service Update. April, 04-01.

Salisbury, M. W. 2001. State Horse Bowl and Hippology Results. Tennessee 4-H Ideas, Vol. 01:08.

Salisbury, M. W. 2001. Acidosis in 4-H Show Cattle. Animal Science Agricultural Extension Service Updates. February, 02-01.

Salisbury, M. W. 2000. Sheep reclassified as a minor species. Animal Science Agricultural Extension Service updates, September.

Salisbury, M. W. 2000. Tennessee 4-H Horse Championships. Tennessee 4-H Ideas, Vol. 00:30.

Salisbury, M. W. 2000. The Tennessee 4-H horse program is more than just showing horses. Tennessee 4-H Ideas, Vol. 00:30.

Salisbury, M. W. 2000. Expo and Horse Championships results on the web. Tennessee 4-H Ideas, Vol. 00:35.

Salisbury, M. W. 2000. Annual Tennessee Sheep Producers conference to be in Lebanon. Tennessee 4-H Ideas, Vol. 00: 36.

Salisbury, M. W. 2000. The Great Goat Celebration. Tennessee 4-H Ideas, Vol. 00:41.

Salisbury, M.W. 2000. The Great Goat Celebration. Southern Livestock Review. November.

Engdahl, G. R., B. J. May, and M. W. Salisbury. 1995. Comparison of supplemental feeds for Rambouillet ewes. Ranch and Rural Living, July.

*Web Pages Authored:*

[http://www.angelo.edu/faculty/msalisbu/goat\\_test.htm](http://www.angelo.edu/faculty/msalisbu/goat_test.htm)

<http://www.angelo.edu/faculty/msalisbu/personal.htm>

[http://www.utextension.utk.edu/ansci/Expo\\_Beef/2000\\_expo\\_beef\\_results.htm](http://www.utextension.utk.edu/ansci/Expo_Beef/2000_expo_beef_results.htm)

[http://www.utextension.utk.edu/ansci/Expo\\_Beef/2000\\_expo\\_sheep\\_results.htm](http://www.utextension.utk.edu/ansci/Expo_Beef/2000_expo_sheep_results.htm)

[http://www.utextension.utk.edu/ansci/2000\\_horse\\_champs/2000\\_horse\\_champions\\_ips\\_results.htm](http://www.utextension.utk.edu/ansci/2000_horse_champs/2000_horse_champions_ips_results.htm)

*Invited Presentations*

Salisbury, M.W. 2008. Internal Parasites: Control in Small Ruminants. West Texas Youth Veterinary Science Workshop. San Angelo, Texas.

Salisbury, M.W. 2008. Reproductive Management of the Sheep and Goat. Tom Green County Sheep and Goat Production Workshop. Tom Green County 4-H Building. Oct.

Salisbury, M.W. 2008. Internal Parasites: Control in Small Ruminants. West Texas Youth Veterinary Science Workshop. San Angelo, Texas.

Salisbury, M.W. 2007. Nutritional management of meat goats. Mountain States Meat Goat Association Field Day. Fort Collins, Colorado.

Self, R.T., D.F. Waldron, M.W. Salisbury. 2007. Changes in performance of traits measured in performance tests on Rambouillet rams. Annual Performance Test Field Day, Sonora, Texas.

Copeland, J.R., M.W. Salisbury. 2007. Internal Parasite Management in Small Ruminants. West Texas Vet Science Workshop. San Angelo, Texas.

Salisbury, M.W. 2007. Livestock Handling Practices and Management Techniques. West Texas Vet Science Workshop. San Angelo, Texas.

Salisbury, M.W. 2006. Meat Goat Production Strategies for Profit Minded Producers. Missouri Goat Producers Symposium. Web-Cast to Four Locations

Salisbury, M.W. 2006. Internal Parasites: Why are they a problem in Small Ruminants. West Texas Youth Veterinary Science Workshop. Sonora, Texas.

Salisbury, M.W., J.R. Copeland, D.F. Waldron, F.Craddock. 2006. Dorper vs. Rambouillet-Parasite Resistance. 33<sup>rd</sup> Annual Sheep and Goat Field Day. San Angelo, Texas.

Salisbury, M.W. 2005. Management Practices to Insure Reproductive Efficiency in Sheep. Missouri Livestock Symposium. Kirksville, Missouri.

Salisbury, M.W. 2005. Meat Goat Reproduction Strategies for Profit Minded Producers. Missouri Livestock Symposium. Kirksville, Missouri.

Salisbury, M.W. 2005. Sheep and Meat Breeding and Reproduction. Missouri Sheep and Meat Goat Training Program. Kirksville, Missouri.

Salisbury, M.W. 2005. Goat reproduction management to assure a successful kid crop. The 4<sup>th</sup> Gathering of Goat Producers. Seguin, Texas.

Salisbury, M.W. 2005. The role of associations in the Texas sheep and goat industry. Sheep and Goat Youth Leadership Camp. San Angelo, Texas.

Salisbury, M.W. 2005. Internal Parasite Management in Sheep and Goats. West Texas Veterinary Science Work Shop. Sonora, Texas.

Salisbury, M.W. 2005. Ruminant Nutrition and What to Expect in Vet School. West Texas Youth Veterinary Science Work Shop. San Angelo, Texas.

Salisbury, M.W. 2004. Meat Goat Production. New Mexico Meat Goat Producers Inservice Training: Albuquerque, NM.

Salisbury, M.W. and M.A. Carr. 2004. Sheep and Goat research and progress of Meat Laboratory. Texas Sheep and Goat Raisers Association Annual Convention, Kerrville, Texas.

Salisbury, M.W. 2004. Anatomy of Farm Animals. West Texas Youth Veterinary Science Work Shop. Sonora, Texas.

Salisbury, M.W. 2004. Ruminant Nutrition and What to Expect in Vet School. West Texas Youth Veterinary Science Work Shop. San Angelo, Texas.

Salisbury, M.W. 2003. Reproduction Management of Males and Females to Assure a Successful Kid Crop. Mid-Atlantic Meat Goat Symposium. Holland, Virginia.

Salisbury, M.W. 2003. Health and Herd Management. 3<sup>rd</sup> Annual Small Goat Herd Improvement Seminar. Monahans, Texas.

Salisbury, M.W. 2003. Tools of the Trade. 3<sup>rd</sup> Annual Small Goat Herd Improvement Seminar. Monahans, Texas.

Salisbury, M. W. 2002. What ASU has to offer the Sheep and Goat Industry. American Sheep Industry Association National Convention. San Antonio, TX.

Salisbury, M. W. 2001. Reproductive Tract Anatomy. Sheep and Goat Reproduction Workshop. San Angelo, TX.

Salisbury, M. and S. Ramsey. 2001 Semen Collection and Testing. Sheep and Goat Reproduction Workshop. San Angelo, TX.

Salisbury, M. and S. Ramsey. 2001 Artificial Insemination Techniques. Sheep and Goat Reproduction Workshop. San Angelo, TX.

Salisbury, M. and S. Ramsey. 2001 Embryo Transfer. Sheep and Goat Reproduction Workshop. San Angelo, TX.

Salisbury, M. W. 2001. Tips for giving an effective speech. Tennessee Junior Sheep Producers Winter Conference. Crossville, TN.

Salisbury, M. W. 2001. Nutritional Management of the ewe flock and show sheep. Tennessee Junior Sheep Producers Winter Conference. Crossville, TN.

Salisbury, M. W. 2001. Reproductive Management in the Goat Flock. Agent In-service Training. Lewisburg, TN.

Salisbury, M. W. 2001. Getting Started in 4-H Livestock Projects. Tazewell, TN.

Salisbury, M. W. 2001. Developing a 4-H Horse Program in the County: Strengthening the County Program. Volunteer Horse Conference. Cookeville, TN.

Salisbury, M. W. 2001. Reproduction in Cattle and the use of new technologies in cattle reproduction. Feeder Calf Show Workshop. Thompson Station, TN.

Salisbury, M. W. 2001. Goat Production and Management. Producers training. Jamestown, TN.

Salisbury, M. W. 2001. Goat Health and Management. Producer training. Tazewell, TN.

Salisbury, M. W. 2000. Health and disease management of the sheep flock. Eastern Tennessee Sheep Producers Meeting. Clinton, TN.

Salisbury, M. W. 2000. Management concerns during the lambing season. Eastern Tennessee Sheep Producers Meeting. Clinton, TN.

Salisbury, M. W. and J. B. Neel. 2000 Beef quality assurance and product verification. Bradley County Beef Producers Meeting. Columbia, TN.

Salisbury, M. W. 2000. Nutrition management of the beef cow/heifer. Martin Experiment Station Field Day. Martin, TN.

Salisbury, M. W. 2000. Health matters that matter. Annual Tennessee Sheep Producers Convention. Lebanon, TN.

Salisbury, M. W. 2000. Growth and development of the ewe lamb. Annual Tennessee Sheep Producers Convention. Lebanon, TN.

Salisbury, M. W. and J. Teague. 2000. Market wether and replacement doe selection and management. Tennessee Great Goat Celebration. Shelbyville, TN.

Salisbury, M. W. and C. P. Mathis. 2000. Sheep nutrition, management, and selection. Sheep and Goat Management Workshop. Crownpoint Institute of Technology. Crownpoint, NM.

Salisbury, M. W. and C. P. Mathis. 2000. Goat management and selection. Sheep and Goat Management Workshop. Crownpoint Institute of Technology. Crownpoint, NM.

Salisbury, M. W. and C. P. Mathis. 2000. Herd health and disease management. Sheep and Goat Management Workshop. Crownpoint Institute of Technology. Crownpoint, NM.

Salisbury, M. W. and C. P. Mathis. 2000. Wool production and evaluation. Sheep and Goat Management Workshop. Crownpoint Institute of Technology. Crownpoint, NM.

Salisbury, M. W. 1999. Herd health and disease management. Sheep Production and Management Workshop. Gallup, NM.

Salisbury, M. W. 1999. Wool preparation and marketing. Sheep Production and Management Workshop. Gallup, NM.

Salisbury, M. W. 1999. Current range nutrition research and its application to New Mexico range sheep producers. New Mexico Wool Growers Association Annual Meeting. Ruidoso, NM.

Salisbury, M. W., D. F. Waldron, and G. R. Engdahl. 1996. Accuracy of performance tests in predicting offspring's performance. Annual ram test field day. Sonora, TX.

### **Feature Articles and Television/Radio Interviews**

2009 Radio Report. Putting Dorpers to the Test.

2007 Press Release. Welcome Rains also Bring Threats to West Texas Sheep and Goats. Tom Nurre.

2007 Press Release. ASU Agriculture Department Puts Meat Goats to the Test. Tom Nurre.

2007 Radio Story-Texas State Network News. Internal parasite management and concerns in sheep and goats.

2007 Radio Story-Texas State Network News. Current Wool Markets.

2007. KLST New Interview. Meat Goat Performance Test. April.

2006 KSAN News Interview. Annual Sheep and Goat Field Day. August.

2005 KLST News Interview. Using Performance Data to Improve Selection Decisions in Meat Goats. April 27.

2004 KLST News Interview. Benefits of Performance Testing. April 25.

2002 KLST New Interview. Importance of performance testing and how it may impact livestock selection. May 23.

2002 Animal Health, Food Safety Important to Bush Administration and the Nation, by R. McSwain. Sheep Industry News, Vol. 6:3, p5.

2002 Ag Secretary Ann Veneman Visits ASU Ranch Facility. Ranch and Rural Living, April, p12.

2002 Barn Yard Day Interview. Chanel 3 News (San Angelo), February 22.

2002 Raised in a Barn, by G.M. Wintermantel. San Angelo Standard Times. February 23: 3A.

## Graduate Student Thesis Advisement:

### Committee Chair

**G. W. Yandle** (May 2003)

Thesis Title: A Comparison of Conception Rate Between Natural and Synchronized Cycles of Ovine and Bovine using Prostaglandin Estrus Synchronization

**Will Kiker** – Carr Graduate Research Fellow (May 2003)

Thesis Title: Effects of Protein and Energy Feeding on Ovine Oocyte Production and Developmental Capacity

**Daniel Dusek** (May 2003)

Thesis Title: Effects of Bitterweed Ingestion on Fetal Development and Reproductive Ability in Sheep

**Danielle Carvalho** (May 2004)

Thesis Title: Ram's Sexual Behavior Interactions and their Effects on Mating in Rambouillet and Suffolk Sheep

**Joe Self** (August 2005)

Thesis Title: Vitamin D Supplementation in Fall Born Rambouillet Lambs Raised on Small Grain Pastures

**Ned Dunbar** (May 2006)

Thesis Title: Effect of Copper Supplementation on Artificial Insemination Conception Rate of Angus Cows and Feedlot Performance of Angus Bulls

**Natalie Soto** – Carr Graduate Research Fellow (May 2006)

Thesis Title: Effect of *Solanum Dimidiatum* on Embryonic Loss and Neonatal Lamb Survival in Rambouillet Sheep

**Shelly Gunter** – (December 2006)

Thesis Title: Effect of Time of Insemination on Conception Rate in Angus Cows Following Estrus Synchronization for Timed Mass Insemination

**Dustin Yates** – (December 2006)

Thesis Title: Effects of Tasco on reproductive capability in young Boer bucks

**Raelye Self** – (May 2007)

Thesis Title: Heritability and Variance in Traits of Rambouillet Rams Measured on Central Performance Test

**Kim Terrell** – (Dec. 2008)

Thesis Title: A Comparison of Internal Parasite Contamination in White-Tailed Deer in the Concho Valley

**Ross Copeland** – Carr Graduate Research Fellow (December 2007)

A comparison of Internal Parasite Resistance between Dorper and Rambouillet sheep

**Chase Settle** – (May 2008)

Thesis Title: Will Tasco-EX decrease heat stress and improve sperm quality in mature Rambouillet and Suffolk rams

**Valerie Marshal**-(May 2009)  
**Tiffany Barr** – (May 2009)  
**Amanda Turner** – (May 2009)  
**Jessica Burrous** – (May 2009)  
**Kris Ede** – (Finishing May 2010)

Committee Co-chair

Scott Talley (2002)  
Heidi McIntire (December 2002)  
Danielle Woolley (May 2004)  
Andrea Payon (December 2006)

## **Committee Service, Angelo State University**

- University committee on tenure and promotion
- Graduate School Advisory Pod, 2007-Current
- College of Sciences Mission Statement Task Force, 2006 – 2007
- Selection Committee for Assistant Professor of Animal Science, 2006
- Institutional Effectiveness Advisory Committee, 2003 - 2007
- Selection Committee for Assistant Professor of Animal Science, 2002
- Selection Committee for Agricultural Specialist, 2001

## **Community Service**

- Site-base Committee: Bradford Elementary: SAISD.
- National 4-H Wool and Mohair Judging Contest Committee, 2002-present
- Sonora Open Sheep and Goat Judging Contest Committee, 2002 - present
- Grant Reviewer, Texas Agricultural Experiment Station, 2001-2002
- Science Fair Judge, San Angelo Home Schoolers Association, 2002
- Secretary – Texas Rambouillet Sheep Breeders' Association Inc., 2001 – present
- Summer Spectacular Cattle Show, 2001 – 2002
- San Antonio Collegiate Wool and Mohair Judging Contest, 2001 – present
- San Antonio 4-H and FFA Wool Judging Contest, 2001 – present
- Superintendent - San Angelo Stock Show and Rodeo, Wool Show and Wool Judging Contest, 2001 – present
- Superintendent – San Angelo Stock Show and Rodeo, Junior Angus Heifer Show, 2005
- Member – San Angle Stock Show and Rodeo, Livestock Judging Contest, 2001- present
- Assistant Superintendent – Wool and Mohair Fleece Show, 2002 – present
- Coach-North Concho Little League, 2005, 2006
- Board of Directors-North Concho Little League, 2006-present.

## **Other Departmental/University Responsibilities**

- San Antonio Livestock Exposition Scholarship Committee, 2001-present
- Supervisor, Angelo State University Meat Goat Performance Test, 2001-present
- Gonfalonier for Angelo State University, College of Graduate Studies, 2004-2005
- Gonfalonier for Angelo State University, College of Sciences, 2002-2003
- Marshall for Graduate School, 2003 - 2004
- Author and Contact Person of the ASU Meat Goat Performance Test Web Page
- Advisor, ASU Block and Bridle Club, 2001 – present
- Supervisor, ASU Registered Rambouillet Sheep Show Team, 2001 - Present
- Coach, ASU Intercollegiate Wool and Mohair Judging Team, 2001 - present
- Manage ASU Registered Rambouillet sheep herd located at the Management, Instruction and Research Center
- Manage ASU Suffolk sheep herd at the Management, Instruction and Research Center
- Manage ASU Boer Goat herd at the Management, Instruction and Research Center
- Manage ASU Angora Goat herd at the Management, Instruction and Research Center

## **Service to Scientific Community**

- Research Review Committee: University of Nevada, Reno. 2008
- Education Committee: American Boer Goat Association. 2008-2009
- Chair: Advisory and Coordinating Board. Western Section, American Society of Animal Science 2008-2009
- Executive Board: Western Section American Society of Animal Science. 2008-2009
- Technical reviewer: Journal of Animal Science (12 Articles).
- Technical reviewer: Livestock Sciences (2 Articles)
- Advisory Board: American Society of Animals Science: Western Section 2006-present
- Chair: Western Extension, Research and Academic Coordinating Committee 039 for Extension, Research and Academic programs in Western States, 2006-2007.
- Host for Western Extension, Research and Academic Coordinating Committee Annual Convention, May 2006
- Secretary: Western Extension, Research and Academic Coordinating Committee 039 for Extension, Research and Academic programs in Western States, 2005-2006.
- Advisory and Planning committee, North American Hair Sheep Symposium, 2005
- Sifting and Evaluation Committee, Texas Agricultural Experiment Station Central Ram Performance Test, 2001-present

## **Organizational Affiliations**

- American Boer Goat Association
- American Society of Animal Science
- Western Extension, Research, and Academic Coordinating Committee 039 (Coordinating Committee for Extension, Research and Teaching Programs in Sheep and Goats for the Western States)
- American Rambouillet Sheep Breeders' Association
- Texas Rambouillet Sheep Breeders' Association Inc.
- Gamma Sigma Delta Honorary Fraternity
- National Block and Bridle Club

## **Awards and Recognition**

- Chancellor's Council Distinguished Teaching Award 9, runner up, 2009.
- Department of Agriculture Nominee for Distinguished Teacher Award, 2008.
- Who's Who Among America's Teachers, 2006
- Outstanding Service, American Boer Goat Association, 2000 – 2001, 2001 – 2002, 2002 – 2003

## **Judging and Officiating:**

### *Judging:*

- Hill Country Fair, 2009
- Maryland Sheep and Wool Festival, 2008, 2009
- Texas Rice Festival, Winnie, Texas, Junior Meat Goat Show 2007
- Texas Rice Festival, Winnie, Texas, Junior Market Lamb Show 2007
- Tennessee State Fair, Nashville, Junior Meat Goat Show, 2005
- Lincoln County Tennessee, Breeding Sheep Show (11 Breeds), 2005
- Tennessee Junior Livestock Exposition, Cookeville, TN, Junior Breeding Sheep Show, 2004
- Mid-South Fair, Memphis, Tennessee, Junior and Open Breeding Sheep Show, 2003 and 2004
- Mid-South Fair, Memphis, Tennessee, Junior Market Lamb Show, 2004
- San Angelo Stock Show and Rodeo, Commercial Ewe Lamb Futurity, 2002
- San Angelo Stock Show and Rodeo, Junior Delaine Breeding Sheep Show, 2002
- San Angelo Stock Show and Rodeo, Open Delaine Breeding Sheep Show, 2003
- West Texas Fair and Rodeo, Open Breeding Sheep Show, 2003 & 2004
- San Antonio Livestock Exposition, Junior Wool Breeds Breeding Sheep Show; Rambouillet and Delaine, 2002
- San Antonio Livestock Exposition, Open Meat Breeds Breeding Sheep Show; Suffolk, Hampshire, Dorset, Southdown, 2002

### *Officiating:*

- San Antonio Intercollegiate Wool and Mohair Judging Contest, 2002
- State 4-H Wool Judging Contest, 2002
- National 4-H Wool Judging Contest, 2002 - Present
- Sonora Open Sheep and Goat Judging Contest, 2002 - Present
- San Angelo Stock Show and Rodeo Youth Livestock Judging Contest, 2002 – Present
- San Angelo Stock Show and Rodeo Youth Wool and Mohair Judging Contest, 2002 – Present

## **Teaching Responsibilities:**

- ASCI 1341 – Introductory Animal Science Laboratories, Fall 2002
- ASCI 2242 – Livestock Practicum, Every Semester (New Class Added, 2002)
- ASCI 3349 – Animal Anatomy and Physiology, Fall 2001
- ASCI 3443 – Genetics of Livestock Improvement, Every Spring
- ASCI 3241 – Livestock Selection, Fall 2001
- ASCI 3240 – Wool and Mohair Selection and Grading, Every Fall
- ASCI 4248 – Reproductive Techniques, Every Spring
- ASCI 4342 – Sheep and Goat Science Laboratories, Every Spring
- ASCI 4344 – Animal Reproduction, Every Fall
- ASCI 4391 – Research (In Animal Science), Every Semester
- ASCI 6339 – Advanced Reproductive Physiology, Every-other Fall
- ASCI 6321 – Research Methods, Fall 2002
- ASCI 6340 – Advanced Sheep and Angora Goat Production, Every-other Fall
- ASCI 6345 – Livestock Management, Every-other Fall
- ASCI 6391 – Research (In Animal Science), Every Semester

## Grants and Gifts:

Co-Principle Investigator: Houston Livestock Show and Rodeo. Awarded: 2009:\$25,000

Principle Investigator: Genetic Performance Testing. \$17,610. 2009

Principle Investigator: Meat Goat Performance Testing. \$18,375. 2008.

Principle Investigator: Effects of Prenatal Supplementation with Availa 4 on fetal gut development and subsequent immune response in meat goats. Zinpro Corporation. \$52,488.50. 2007-2009.

Co-Principle Investigator: Evaluation of the nutritional and feeding value of ethanol by-products for animal production. South Central Sun Grant Initiative. Cooperating with Texas Agricultural Experiment Station. \$116,103. (ASU Awarded: \$13,000) 2007-2009.

Co-Principal Investigator: Houston Livestock Show and Rodeo. Awarded Recurring 2003-2008: \$12,500.

Principle Investigator: Meat Goat Performance Testing. \$14,000. 2007.

Gift: Boer Goat Breeding and Research Program. Boer Buck Kid/Terry Blair Boer Goats. \$5,000

Principle Investigator: Multi-State and Multi-Institutional Research Program in Sheep and Goats. Graduate School. \$1,000. 2006-2007.

Principle Investigator: Meat Goat Performance Testing. \$16,807. 2005-2006.

Principle Investigator: Effect of Tasco on sheep and goat performance. Acadian Agriculture. Product Supplied for Research. \$1,100. 2005-2006

Gift 2006: Sheep Breeding Program. Hampshire Ram/Faron Phinney: \$1,000.

Gift 2006: Rambouillet Breeding Program. C&S Ranch/Rambouillet Ram: \$1,500.

Gift 2006: Boer Goat Breeding and Research Program: Raff Boers/Germ Plasm: \$37,000.

Gift 2005: Meat Goat Research Program. XS Ranch, Sonora, Texas. \$10,000.

Gift 2005: Boer Goat Breeding Program. Terry Blair Boer Goats, San Angelo, Texas. Buck Valued at \$5,000

Principal Investigator: Central Meat Goat Performance Test: Genetic Evaluation Program. Multiple Cooperating Producers. 2001-2005. \$45,800.

Cooperating Scientist: Incidence of E. Coli 0157:H7 and Salmonella Contamination in Feedlot Lambs and Lamb Carcasses. 2003. United States Department of Agriculture. \$51,200 (Funded to New Mexico State University)

Gift 2003: Suffolk Sheep Breeding Program. Hill Country Suffolks, Comfort, Texas. Ram Valued at \$1,500.

Gift 2003: Boer Goat Breeding Program. Terry Bair Boer Goats. Buck Valued at \$5,000.

Co-Principal Investigator: The effect of protein and energy level on feedlot performance and carcass characteristics of Texas Rambouillet and Rambouillet x Suffolk feeder lambs. Houston Livestock Show and Rodeo. Awarded August 2002: \$11,500.

Principal Investigator: Use of Ultrasound for Evaluating Reproductive Status and Carcass Characteristics in Sheep, Cattle and Goats. USDA Section 41.0 (Animal Reproductive Efficiency). Proposal Number 2002-02011. (Not Funded).

Co-Principal Investigator: Technology Enhancement Proposal to Increase Multimedia Capabilities of the ASU, Management, Instruction and Research Center. ASU Information Technologies Technology Enhancement Grants Program. Awarded 2002: \$10,000.

Co-Principal Investigator: The Effect of whole corn versus cracked corn on feedlot lamb performance and carcass characteristics. Houston Livestock Show and Rodeo. Awarded September 2001: \$12,000.

Principal Investigator: Animal Reproduction, Animal Genetics and Sheep and Goat Production. Special Research Grant Program: Graduate School: Angelo State University. Awarded April 2002: \$7,650.

Request of HEAF Funds: Instrumentation for artificial insemination in sheep and goats. Awarded: \$2,550: 2002

Co-Principal Investigator: Developing Value-Added Management Strategies for Replacement Beef Heifers. Submitted to USDA-IFAS. \$678,167. (University of Tennessee, Awarded 2001)