

Micheal W. Salisbury, Ph.D.
Dean, Freshman College
Professor and Research Scientist
Faculty Athletic Representative
Angelo State University

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Education: Ph.D., December 1999
New Mexico State University, Las Cruces, NM (1997-1999)
Major Field: Animal Science
Concentration Area: Reproductive Physiology/Ruminant Nutrition (split program)
Research Tool: Statistics
Dissertation: Increasing ewe lamb growth and development and reproduction by protein supplementation

M.S., December 1996
Angelo State University, San Angelo, TX (1994-1996)
Major: Animal Science
Concentration: Animal Breeding
Thesis: Effects of sire and management on performance tested Rambouillet rams

B.S., May 1994
Angelo State University, San Angelo, TX (1990-1994)
Major: Animal Science
Minor: Biology/Chemistry

Experience:

2021 Dec – Present Dean, Freshman College, Angelo State University

2021 Dec – June '22 Interim Dean, College of Graduate Studies and Research

2019 – 2021 Dean College of Graduate Studies and Research

2021 (Aug – Dec) Interim Dean, Freshman College

2011 – Current Professor and Research Scientist, Agriculture Department, Angelo State University

2017 – Current	Faculty Athletic Representative
2012 – 2019	Department Head/Chair, Agriculture Department, Angelo State University (Promoted).
2006 – 2011	Associate Professor and Research Scientist, Agriculture Department, Angelo State University (Promoted)
2001 – 2006	Assistant Professor and Research Scientist, Agriculture Department, Angelo State University, San Angelo, Texas (Promoted)
2000 – 2001	Assistant Professor and State Extension Livestock Specialist, Department of Animal Science, University of Tennessee Agricultural Extension Service, Knoxville, Tennessee (Took a teaching and Research Appt.)
1999 - 2000	Senior Research Assistant, Department of Animal and Range Science New Mexico State University, Las Cruces, New Mexico (Accepted Extension Specialist Position)
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 (Graduated)
1994 – 1996	Graduate Assistant, Department of Agriculture, Angelo State University, San Angelo, Texas (Graduated)
1990 – 1994	Student Assistant, Department of Agriculture, Angelo State University, San Angelo, Texas (Graduated)

Dean, Feshman College: December 2021 – current

Notable Responsibilities

- Academic Advising Center
 - 12 Advisors
- Up and Coming Scholar Program
- Center for Academic Excellence
 - Tutor Center (50+ tutors)
 - Supplemental Instruction (15+ SI leaders)
 - Math Lab
- Early Alert Program
- General Studies 1181 courses
 - 50+ sections Fall
 - 5+ sections Spring
- Budget \$1.25 million annual budget

Dean of College of Graduate Studies and Research: Fall 2019-current

Notable Accomplishments:

- 8.4% Growth in 2 years
- Streamlined application process and reduced processing time by 50%
- Led a 5% increase in grant applications
- Supported the development of 5 new graduate programs (2 MS; 2 Doctoral)
- Reduced paper processes by 95%
- Modernized thesis process. 100% electronic processes
- Developed and implemented a faculty release application program. Provost's scholars: inaugural class = fall 2021
- Modified budget process to be more program friendly
- Digitalized all approval processes

Budget and Personnel Responsibilities:

- Approx: \$2.0 M budgeted annually
- Flexible research expenditures for campus annually: approx. \$5.0 M
- Responsible for research and graduate specific funds for the entire campus and work with departments on budget needs to perform their graduate work
- 7 full time direct reports
- 2-3 student employees annually

Curricular Responsibilities: 1600 Graduate Students

- Manage/oversee all graduate programs across 12 departments
- Certify degree programs
- Work with departments to develop new programs
- Ensure maintenance of accreditations
- Lead recruitment efforts
- Work with the office of development to develop funding avenues

Research Responsibilities

- Oversee the office of Sponsored Projects
- Oversee all Graduate and Undergraduate Research Programs
- Responsible for student and faculty symposia
- Oversee the IRB, IBC, and IACUC committees to ensure proper function and reporting

2012 – 2019 Previous Administrative Responsibilities as Department Chair & Director of MIR Center:

Notable Accomplishments:

- Lead enrollment growth of 5%/year
- Became the highest retention department on campus
- Doubled scholarship giving within department
- Lead development of new graduate program (Mag)
- Lead curricular modification and redesign in 3 programs
- Lead the development of a cross college certificate in Ag Communications

- Added 2.5 faculty lines: 1 tenure track, 1.5 non-tenure track
- Established industry partnerships that lead to a resources stewardship award for Texas
- Created cross discipline research programs -

Budget Authority on 15 spending and 5 income accounts

\$1.8 M total responsibility

14 Direct Reports

7 tenure track

3 non-tenure track

3 staff

1 Part-time

14 Adjunct Research (non-teaching) Faculty (Occasional Thesis Advisors)

15+ Student employees annually

450 Undergraduate Students (Fall 2013 final enrollment in the Department)

26 Graduate Students

5 Undergraduate Degree Programs

2 Graduate Degree Programs

2 Certificate Programs

6500 Acre Teaching and Research Ranch

Cattle Herd

3 Sheep Breeds (flocks)

1 Goat Breeds (flocks)

Livestock Farming (hay and grazing crops)

Whitetail Deer Hunting

Feed Mill

Management Instruction and Research Center

Teaching and Research Labs

Food Safety & Product Development Lab (Federally inspected Meat Processing Center)

Meyer Rousselot AG Education Training Center (opened Jan 2014)

Committee Service, Angelo State University

- Strategic Planning Committee 2022-
- QEP development committee 2022 –
- QEP implementation committee 2022-
- Angelo State University Food Insecurity 2021-
- Diversity and Inclusion 2021 -
- Education advisory committee 2012-2022
- SACS Reaffirmation Steering Committee, Committee Chair-Faculty (2023 Report)
- Academic Suspension Appeals Committee (Chair) 2018-
- Campus Master Plan 2018 Steering Committee
- Campus 2nd Year Retention Committee 2018-2019
- SACS 5th year Assessment subcommittee 2018 report
- Teacher Education Council, 2012-2019
- College of Arts and Sciences Committee on Tenure and Promotion Guidelines-2011-

2012

- Search Committee Chair (2010) – Assistant/Associate Professor of Agriculture Science
- Search Committee Chair (2010) – Judging Team Coordinator/Instructor
- College of Sciences Committee on Writing Tenure and Promotion Rules and Guidelines, 2010
- Institutional Animal Care and Use Committee 2002 - 2019
- Traffic Appeals Committee, 2008-2011
- University committee on tenure and promotion, 2008-2010 (Chair 2009-2010)
- Graduate School Advisory Group, 2007-2009
- 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 and Volunteerism

- Sheep and Goat Raisers Association Awards Committee: Standing since 2007
- Barrow Foundation and Museum Board of Directors
- Site Base Committee – Grape Creek High School 2019-present
- San Angelo Stock Show and Rodeo Board of Directors 2018
- Farm and Ranch Museum of the Concho Valley Board of Directors
- District Extension Leadership Advisory Board 2015 -
- Angelo State University Alumni Association Board of Directors - current
- Homecoming Committee – Alumni Association : 7 years
- Site-base Committee: Bradford Elementary: SAISD. 2009-2011
- 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 – 2013
- Summer Spectacular Cattle Show, 2001 – 2002
- Houston Livestock Show and Rodeo Wool Contest, Super. 2010 - 2021
- San Antonio Collegiate Wool and Mohair Judging Contest, Super. 2008- 2016
- San Antonio 4-H and FFA Wool Judging Contest, Super. 2008-2016: 2022 - current
- 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 Angelo Stock Show and Rodeo, Livestock Judging Contest, 2001- present
- Assistant Superintendent – Wool and Mohair Fleece Show, 2002 – 2018
- Coach-North Concho Little League, 2005 - 2012
- Board of Directors-North Concho Little League, 2006-2012.
- YMCA Football coach 2006-2010

Other Departmental/University Responsibilities

- San Antonio Livestock Exposition Scholarship Committee, 2001-2019

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- Supervisor, Angelo State University Dorper Performance Test, 2009-2012
- Supervisor, Angelo State University Meat Goat Performance Test, 2001-14
- 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 – 2012
- Supervisor, ASU Registered Rambouillet Sheep Show Team, 2001 - 2015
- Coach, ASU Intercollegiate Wool and Mohair Judging Team, 2001 – 2011

Below Duties in Ag Department 2001-2019

- 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
- Manage ASU Dorper/Hair Sheep flock at the Management, Instruction and Research Center

Service to Scientific Community

- Non-Land Grant Agricultural and Natural Resources University (NARRU) executive board and Officer: President 2020-2021; President Elect: 2019-2020; Secretary 2016-2019
- Pres./V.P./Secretary: Western Section: American Society of Animal Science 2014-2016
- President: Agricultural Consortium of Texas 2013-2014
- Executive Board/Chair Advising Committee, Western Section American Society of Animal Science – 2008-2010
- Committee Member: American Boer Goat Association Education Committee 2008-2010
- Research Review Committee: University of Nevada, Reno. 2008
- Education Committee: American Boer Goat Association. 2008-2009
- Technical reviewer: Journal of Animal Science: Editorial Board
- Technical reviewer: Livestock Sciences
- President: 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.
- Genetic Improvement Committee, American Boer Goat Association, 2002-2005

Organizational Affiliations (past and present)

- American Boer Goat Association
- American Society of Animal Science
- Western Extension, Research, and Academic Coordinating Committee 039 (Committee for Extension, Research and Teaching 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

- Texas Agrilife Extension Dedication to Excellence Award: 2019
- Department of Ag awarded Bruno Hanson Environmental Excellence Award for our Range Reclamation Project
- Service and Dedication Award, Agricultural Consortium of Texas 2014
- Student Nomination for Professor of the Year 2011
- Chancellor's Council Distinguished Teaching Award, 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

Fund Raising: (**Direct and Indirect, ~Grants and gifts for personal research and teaching programs: \$5.86 million*)

*Barrow Foundation Scholarship: \$75,000 (\$15,000 History; \$60,000 AG)

*Safari Club International Antler Research: \$10,000

*Established \$50,000 scholarship endowment: Safari Club.

~2018: USDA HIS Grant (full department) joint with New Mexico State University: Strengthen the Ability to Graduate Hispanic Students for the Nation's Food, Agriculture, and Natural Resource Scientific and Professional Workforce. ASU request=\$401,000.

*Shell Oil Company: Land reclamation joint project with Geology: \$114,000 (2015) initial: \$75,000 (2017) continuation, \$58,000 (2018), \$65,000 (2019)

*Davidson Endowed Chair in Agriculture: \$1,000,000 (named the first Professor in Fall 2013); \$117,000 addition 2017

*Multiple donor gift (2016): \$35,000 for purchase of vehicles.

*HEAF 2017: \$52,000 Tractor

*Meyer Rousselot AG Education Training Center: \$1,078,000 (facility opened Jan. 2014)

*Product Innovation Initiative: \$180,000 (funding completed 2014)

~Productive capabilities of Dorper Sheep in southwest Texas: \$53,000(Scheduled to begin Spring 2015)

*Annual CDE Invitation Contests: \$183,000 (6 year total: 2014-2019)

*Gil Engdahl Judging Team Endowment: \$34,000 (est. current principal)

*San Antonio Livestock Exposition Scholarship: 2008-2010-\$40,000/year; 2011-2014-\$48,000/year; 2015 \$70,000/year; 2016-2017 \$99,000/year; 2018, 2019 \$113,000/year

*Principle Investigator: Houston Livestock Show and Rodeo: Graduate Assistantship. Awarded: 2009-2020: \$303,500

~Principle Investigator: Purina/Land O Lakes Feeds: Product supplied for research. Awarded: \$4,800

~Principle Investigator: Genetic Performance Testing; Goats and Sheep. \$175,000

~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.

~Gift: Boer Goat Breeding and Research Program. Boer Buck Kid/Terry Blair Boer Goats. 2007. \$5,000

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

~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 2003, 2005: Boer Goat Breeding Program. Terry Blair Boer Goats, San Angelo, Texas. Bucks Valued at \$10,000

~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.

~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)

Publications and Scholarly Activity:

Mobile Application Development: (Not updated for current IOS and Android: 2022 pulled)
Animal Gestation Calculator for Apple iPhone and iPad: Update released June 2015

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<https://itunes.apple.com/us/app/animal-gestations/id910145438?mt=8>

Animal Gestation Calculator for Google/Android devices: released in google play store
Update released June 2015:

<https://play.google.com/store/apps/details?id=com.asuanimalgestations.app>

Refereed Journals:

Leonard, C.A., J.W. Dickison, M.W. Salisbury, J.D. Sugg, G. Engdahl. 2018. Effects of Octacosanol on Non-Seasonal Spermatogenesis in Ovine. Submitted to Texas Journal of Agriculture and Natural Resources, In final revision.

Fuchs, D.K., D.C. Dusek, C.B. Scott, M.W. Salisbury and R. Brantley. 2017. Bitterweed ingestion may impact reproductive potential in Rambouillet lambs and ewes. TX Journ. of AG and Natural Resources 30-1-15.

Samuelson, K.L., C.B. Scott, M.W. Salisbury, M.J. Schwartz, C. Owens, L.A. Branham, R.P. Cope, M.W. Boenig, K.W. Braden. 2015. The effects of corn gluten feed on performance, carcass characteristics and sensory of feeder lambs. Meat Science 101:129

Calhoun, A.K., J.W. Dickison, M.W. Salisbury, C.B. Scott, J.D. Sugg. 2016. Effects of GnRH and Prostaglandin combines with a Short Progestin Regimen on the Synchrony of Estrus and Ovulation in Suffolk Ewes during the Breeding Season. Texas Journal of Agriculture and Natural Resources, Submitted.

Yates, D.T., M.W. Salisbury, H. Anderson, and T.T. Ross. 2010. 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 23:12-18.

McEachern, J.K., T.R. Whitney, C.B. Scott, C.J. Lupton, and M.W. Salisbury. 2009. Substituting cottonseed meal with distiller's dried grains in lamb feedlot rations: growth performance, wool characteristics, and serum NEFA, urea N, and IGF-1 concentrations. Sheep and Goat Research Journal 24:32-40.

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.

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 zeranol. 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- α 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 white-faced 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:

Calhoun, A.K., J.W. Dickison, M.W. Salisbury, and C.B. Scott. 2014. Effects of GnRH and prostaglandin combined with a short progestin regimen on the synchrony of estrus and ovulation in Suffolk ewes during the breeding season. J. Animal Sci. Proceeding, Western Section Vol65:102-105.

Griffith, J., T. Patton, and M. Salisbury. 2012. Soy isoflavones influence the rate ewe lambs reach sexual maturity. Western Extension, Research, and Academic Coordinating Committee 039 Proceedings. Phoenix, AZ: 24-25.

Ede, K.C., M.W. Salisbury, G.R. Engdahl, and B.J. May. 2011. Effects of isoflavones on puberty and pregnancy rates in ewe lambs. J. Animal Sci. Proceeding, Western Section.

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. W. Ext., Research, and Academic Coordinating Comm. 039 Proc. 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.

Woolley, D.K., B.J. May and M.W. Salisbury. 2005. Effect of protein level on feedlot performance and carcass characteristics of Texas Rambouillet feeder lambs. J. Anim. Sci. Western Sect. Proc. 56:139-142.

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:

Sullivan, L.T., J.W. Dickison, C.M. Harris, M.W. Salisbury, and C.A. Runyan. 2018. Evaluation of essential oil and injectable trace mineral on bull growth performance and

fertility. J. Anim. Sci. (Suppl. 3, Western Section ASAS).

Yurrita, S.Y., J.W. Dickison, M.W. Salisbury, and C.A. Runyan. 2018. Evaluation of age of dam and phytoestrogens on growth and semen quality measures in yearling bulls. J. Anim. Sci. (Suppl. 1, Southern Section ASAS).

Robert, A.B., M.W. Salisbury, and M.W. Salisbury. 2018. Reliability of weaning weights or age at weaning as a post weaning growth predictor. Angelo State University Research Symposium

Taveirne, C.S., M.W. Salisbury, C.J. Owens, and C.A. Runyan. 2016. Comparison of estrus synchronization protocols and fixed-timed artificial insemination on pregnancy rate of heifers. Angelo State University Research Symposium

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Over 30 at Angelo State University and the University of Tennessee

Invited Presentations

Fuchs, D.K., C.B. Scott, M.W. Salisbury, and C.J. Owens. 2011. The Effects of Bitterweed Ingestion on Reproduction in Rambouillet Rams. Abstract presentation. The Rancher's Workshop. Big Lake, Texas.

Garcia, R.A., C.B. Scott, M.W. Salisbury, and C.J. Owens. 2011. Effects of Protein Supplementation on Consumption of Salt Cedar in Goats. Abstract presentation. The Rancher's Workshop. Big Lake, Texas.

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Salisbury, M.W. 2010. Internal Parasites: Control in Small Ruminants. West Texas Youth Veterinary Science Workshop. San Angelo, Texas.

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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. 3rd Annual Small Goat Herd Improvement Seminar. Monahans, Texas.

Salisbury, M.W. 2003. Tools of the Trade. 3rd 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.

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 Carvlho (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)
Effect of prenatal mineral supplementation on immune status and growth
performance on neonatal Boer-Spanish cross
- Tiffany Barr – (May 2009)
Effects of prenatal supplementation with Availa 4 on fetal gut
development and growth performance
- Amanda Turner – (May 2009)
The effects of seasonality on ram fertility
- Kris Ede (Carr Research Fellow)– (May 2010)
Effect of Soy Isoflavones on the attainment of puberty in ewe lambs.
- Kayla Brooks – (May 2011)
Conception rate differences in sexed vs. unsexed semen in cattle
- Sarah Lange – (May 2011)
Effect of polyunsaturated fats (Neo-fat) on sex ratios in sheep
- Brittni McMillan – (May 2011)
Effect of semen thaw method on conception rates in cattle
- Jess Yeaman – (May 2011)
Feedlot performance differences between Rambouillet and Dorper sheep
- Jered Griffith – (May 2012)

Effect of Soy Isoflavones on Rambouillet ewe lamb development when consumed early in life
Thor Patton – (May 2012)
Effect of Soy Isoflavones on Rambouillet ram lamb development when consumed early in life
Rachel Coley – (December 2011)
Effect of high energy feeding prebreeding on Angus heifer conception.
Michael Boenig – (December 2012)
The effect of gonadotropin releasing hormone on conception in postpartum anestrous Angus beef cows and heifers
Jennifer Wyatt-(May 2014)
The male effect on out of season breeding in Boer goat females.
Nathan Ray – December 2014
LeighAnn Bodenchuk – August 2015
Castration and docking method and stress in cross-bred lambs
Savanah Clay – May 2017
Feeding corn gluten feed to flush spring lambing Rambouillet Ewes
Reagan Mitchell – May 2018
Detection and prevalence of *BIBERSTEINIA TREHALOSI* in feedlot cattle
Candida Chairez – August 2019
Using Biopren to predict period of gestation in Angus cattle.

Committee Co-chair, Thesis
Scott Talley (2002)
Heidi McIntire (December 2002)
Danielle Woolley (May 2004)
Andrea Payon (December 2006)
Andy Calhoun (July 2012)
Craig Leonard- May 2013
Hillary Miller – Dec 2015

Committee Membership(not advisor) – 45 Thesis Committees

Judging and Officiating:

Judging:

- Houston Livestock Show and Rodeo, Open Breeding Sheep Show: 2022
- San Angelo Stock Show and Rodeo, Junior Boar Goat Show: 2022
- Houston Livestock Show and Rodeo Junior Breeding Sheep Show: 2021
- West Texas Fair and Rodeo: 2003, 2004, 2016, 2017, 2018
- Mid South Plains Fair: 2017, 2018
- Naccadoches County Lamb and Goat Show, 2018
- Cowboy Capital (Bandera County) sheep and goat exposition 2010.
- Uvalde County Fair, 2010, 2011
- Hill Country Fair, 2009
- Maryland Sheep and Wool Festival, 2008, 2009, 2018, 2019

- 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, 2003, 2010, 2011, 2012, 2013, 2015, 2016, 2017, 2018
- San Angelo Stock Show and Rodeo, Junior Delaine Breeding Sheep Show, 2002
- San Angelo Stock Show and Rodeo, Open Delaine Breeding Sheep Show, 2003, 2018
- 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:

- Coached 2021 State Champion Mohair 4-H Team
- Coached 2016 & 2019 State and National Champion 4-H Wool Judging Team
- San Antonio Intercollegiate Wool and Mohair Judging Contest, 2002 - 2017
- 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
- Houston Livestock Show and Rodeo Collegiate and Youth Wool Contest Superintendent – 2010 - 2021

Teaching Responsibilities: Current and Previous

- ASCI 1341 – Introductory Animal Science Laboratories
- ASCI 2242 – Livestock Practicum
- ASCI 3349 – Animal Anatomy and Physiology
- ASCI 3443 – Genetics of Livestock Improvement
- ASCI 3241 – Livestock Selection
- ASCI 3240 – Wool and Mohair Selection and Grading
- ASCI 4248 – Reproductive Techniques
- ASCI 4342 – Sheep and Goat Science Laboratories
- ASCI 4344 – Animal Reproduction
- ASCI 4391 – Research (In Animal Science)

ASCI 6339 – Advanced Reproductive Physiology
ASCI 6321 – Research Methods (Team Taught)
ASCI 6340 – Advanced Sheep and Angora Goat Production
ASCI 6345 – Livestock Management
ASCI 6391 – Research (In Animal Science)
GS 1181 – Freshman Seminar