

Curriculum Vitae

Randal (Randy) M. Harp

EDUCATION

Ph.D. 1998 Oklahoma State University/ Agricultural Education and Higher Education Administration
M.S. 1979 New Mexico State University/ Animal Science
B.S. 1976 Oklahoma State University/ Animal Science

Master's Thesis:

Harp, R.M. 1978. Predicting Subprimal Yields from Steers and Heifers, M.S. Thesis, New Mexico State University, Las Cruces, NM.

Doctoral Dissertation:

Harp, R.M. 1998. **Student Satisfaction with Selected Academic and Institutional Factors at Eastern Oklahoma State College, 1998. Doctoral Dissertation.** Oklahoma State University, Stillwater, OK

PROFESSIONAL AND ACADEMIC EXPERIENCE

2018-present Texas A&M - Commerce: **Dean and Professor, College of Agricultural Sciences and Natural Resources**

2016-2017 Texas A&M - Commerce: **Director and Professor, School of Agriculture**

2010-2016 Tarleton State University: **Professor of Animal Science.**
Duties included Teaching, Research & Service; Chairman-ASVT Department Graduate Committee; Chairman - University Scholarship Committee; Faculty Advisor- Alpha Zeta (National Honorary Agricultural Fraternity); Judging Team Coordinator

2004-2010 Tarleton State University: **Associate Professor of Animal Science. (Tenured 2007)**
Duties included Teaching, Service & Research; Coordinator Judging Teams. Faculty consultant to the Tarleton State University Agricultural Center/Farm. Provided leadership for teaching, research projects and FFA/4-H statewide and area events. Faculty advisor- Alpha Zeta.

2000-2004 Tarleton State University: **Assistant Professor of Animal Science.**
Duties included Teaching, Service & Research; Coordinator of the Livestock Judging Team. Faculty consultant to the Tarleton State University Agricultural Center. Provided leadership for strategic planning to coordinate teaching, research projects and FFA/4-H statewide and area events. Faculty Advisor- Alpha Zeta.

1999-2000 Texas A&M - Commerce: **Assistant Professor of Animal Science.**
Duties included: Teaching, Research and Service; Scholarship Committee Chairman; Judging Team Coach; Orientation, Admissions, Retention, and Recruitment (OARR) Committee.

- 1984-1999 Eastern Oklahoma State College: **Department Head/Instructor (Tenured)**
Agriculture/Animal & Meat Science; Coach- Meat Judging Team and Sponsor of Student
Organizational Clubs.
- 1982-1984 East Texas State University: **Ad Interim Instructor of Animal Science**
1979-1981 Faculty Consultant to the University Farm and Coach of both Livestock and Meat Judging
Teams. Supervised the university Meat Laboratory.
- 1981-1982 North Carolina State University: **Research Unit Manager**
Supervised employees and coordinated with faculty for daily operations for animal research.
- 1979 Texas Agricultural Extension Service: **4-H Agent and Assistant Agriculture Agent**

PROFESSIONAL LEADERSHIP ROLES

Chair of the Task Force for the TRB awarded by the Texas Legislature for Texas A&M Commerce (\$44.9M).

Board of Directors for Northeast Texas Children's Museum

American Meat Science Association – Youth Programs Committee

American Meat Science Association – Intercollegiate Meat Judging Coaches Assoc. Board of Directors

Council of Agricultural Administrators: Texas A&M System

Invited Committee Member: Texas Commissioner of Agriculture

Current positions: Texas Organic Agricultural Industry Advisory Board and Hemp Advisory Council

Administration Council Member: Texas A&M – Commerce

Dean's Council/Academic Council Committee Member: Texas A&M - Commerce

Co-Chair – University Scholarship Committee: Texas A&M - Commerce

Dean's Advisory Committee: Agricultural Business and Industry members, Texas A&M - Commerce

Chairman - Search Committee for Attending Veterinarian: Texas A&M – Commerce

Superintendent: Texas FFA State Speaking Development Event

Chairman - Department of Animal Science and Vet Technology Graduate Program Committee: Tarleton State University.

Chairman: University Scholarship committee; provided leadership and coordination with the Director of Scholarships and a faculty representative from each college for the university, Tarleton State University.

Co-Chairman - College First Year Experience/Freshman Orientation and Assessment Committee (Eastern Oklahoma State College, Texas A&M - Commerce and Tarleton State Universities). Provided leadership in areas of First Year Experience/Orientation programs and Outcomes Assessment/Accreditation for both the department and college/university.

Chairperson – Faculty Council: Eastern Oklahoma State College; worked with board members and chief operating officers (President and Vice-President of Fiscal Affairs at Eastern regarding budgets, faculty governance, assessment and accreditation).

Chairman – Oklahoma State Regents for Higher Education Faculty Advisory Committee, Inaugural committee: Advised the Chancellor for Higher Education on several issues regarding faculty governance, grading policies, outcomes assessment, student achievement, etc. (during tenure at Eastern Oklahoma State College).
Co-Chair - Sub Committee for North Central Accreditation: Eastern Oklahoma State College.

American Meat Science Association - Intercollegiate Meat Judging Coaches Executive Board:
Served three terms and two terms as President.

AMSA committees: Special Educational Materials, Distinguished Teaching and Extension Awards, and Graduate Student Poster Competition. Some of the leadership roles included; judging research posters/presentations, developing curriculum materials, selection of award recipients and communicating needs to the executive director of AMSA.

National FFA Career Development Events - Meat Technology Superintendent (8 years): provided leadership and coordinated the National FFA Meat Judging Contest. Served as a core committee member since 1999. Worked with a national representation from major industry donors.

Co-Superintendent - Southwestern Livestock Expo/Fort Worth Stock Show and Rodeo, FFA/4-H Meats contest

Southwestern Livestock Expo/Fort Worth Stock Show and Rodeo: Collegiate Livestock and Meat Judging Official.

State Fair of Texas – Livestock Superintendent (Goat Superintendent), Swine Skillathon Superintendent, and Official for Collegiate Livestock Judging contests. Worked with State Fair officials as well as other livestock professionals, County Extension Agents, Agricultural Science Instructors, Parents, and Youth

Council for Undergraduate Research/ 9th Annual Conference: New London, Ct. (June 2002) - Represented Tarleton State University

Instituted the Texas Market Hog Symposium at Tarleton State University: Provided leadership for the inaugural symposium that brought producers, Texas Pork Producers Association board of directors, state livestock show leaders, and Tarleton State University together.

GRANTS and FUND RAISING INITIATIVES (Funded and Non-Funded)

Norris, A., J. Muir, R. Harp, M. Miller, L.A. Kinman. 2014-2015. Autumn and winter dynamics of white-tail deer browse nutritive values in the southern Cross Timbers and Prairies. Tarleton State University Office of Student Research. Funded. \$2000. Collaboration with Texas Parks and Wildlife and ranchers in four counties within the Cross Timbers and Prairies area of Texas.

Carter, Mason, R.M. Harp, D.H. Kattes, L.A. Kinman. 2015. Effects of Over-seeding Summer Legumes on Forage Quality, Forage Quantity, Soil Fertility, and Soil Density/Compaction of Bermudagrass Pasture. Funded \$2000. Office of Student Research, Tarleton State University.

Kinman, L.A., R.M. Harp. 2015. Texture and consumer acceptability of goat meat sausages made with beef fat from various anatomical locations of a carcass. \$15,366.66. Funded. Office of Faculty Research. Organized

Research Committee. Tarleton State University. Collaboration with Iowa State University.

Hays, Samantha, Kattes, D.H., Harp, R. (2014 - 2015). "Filth fly management with secondary plant compounds in a confined dairy operation," Student Research, Tarleton State University, Funded \$2,000.00.

Guay, Kimberly A., Trinetta Ross-Jones and Randy Harp. 2014. The Effects of Feeding Gestating Sows a Protected n-3-fatty acid Supplement Diet on Inflammatory and Stress Response in Piglets Resulting from Castration, Tail Docking and Weaning. National Pork Board. \$73,135 not funded.

Harp, R.M. 2015. Supported K.A. Guay and T.W. Schwertner for a Texas Department of Agriculture funded research project by obtaining a donation of \$2431.04 (in-kind). Collaborated with Texas Farms, Perryton, Texas.

Burgess, John Dugan, Randy Harp, Ben Bruce, Rudy Tarpley. 2013-2014. Effects of Fence-line Contact at Weaning for Performance in Beef Calves in the Southwestern United States. \$2000. Funded. TSU Office of Student Research. Collaborated with Applied Biosciences, College Station, Texas.

Harp, R., Kattes, D. H. (Co-Principal), Lambert, B. D., McGahan, D. G., Donalson, M., "Effects of Different Cultivation Techniques and Chemical Treatments on Coastal Bermudagrass Re- Establishment Following Winter Haying," Sponsored by TSU Office of Student Research, Tarleton State University, \$1,000.00. (2010 - 2011).

Bryan, K.G., R.M. Harp, B.D. Lambert, J.M. Cadle, and W.G. Snider. 2011. The Effect of Supplemental Probiotics and Spray-dried Egg Antibodies on Piglet Growth Performance Characteristics. Funded \$8882.59. Tarleton State University Organized Research Grant Program and \$500 (in-Kind) Lloyd Ranches, Dublin, TX. AND Trow Nutrition International submission \$4000 (in-kind funded).

Elrod, Nathan, Randy Harp. 2011. Effects of Calcium Ion Supplementation on Swine Parturition. \$8552. TSU Organized Research Committee. Funded. In addition. Faculty mentor grant of \$2500 for the faculty member and \$2000 for the students was funded. Undergraduate Research Assistantship, Tarleton State University.

Sawyer, J.T., and R.M. Harp. 2010. M-E-A-T Evaluation 101. Youth meat judging camp. \$4,900.00 – San Antonio Livestock Exposition Scholarship.

Frenzel, Mark, Randy Harp, Barry Lambert, Joe Cadle. 2009. Effects of Ractopamine Hydrochloride on Lightweight Market Swine. Funded \$500 Columbia Packing Company, Dallas TX.

Leslie L. Frenzel, Randy M. Harp, Barry D. Lambert, Jason T. Sawyer, and Mark A. Frenzel. 2009. Effects of Wet Aging and Temperature on Warner-Bratzler Shear Force, Sensory Characteristics, and Shelf-life of Pork Loins. National Pork Board. (\$38,000) Currently under submission July 2009. Determination and notification will be in October 2009. Also, submitted to Norman Hackerman Advanced Research Program (\$30,000) and Tarleton State University Organized Research Grant Program (\$11,500) – Total requested from three sources (\$79,500) - \$68,000 Not Funded/\$11,500 Funded.

Harp, R.M. The Efficacy of Curus and Tasco to reduce *Haemonchus contortus* internal parasites in sheep and goats. Natural MA, Inc. of Canada, Bioremedies of Garden City, KS and Wilson Farms, Stephenville, TX. (\$10,000). Submitted August 2009. Not Funded.

Frenzel Mark, Randy Harp. 2009. Effects of Tasco on horn fly (*Haematobia irritans*) larval emergence and development in manure- Bioremedies; Garden City, KS. (Funded \$800). Natural MA, Inc. and Acadian Agritech. Canada. (\$2000). Not Funded.

Harp, Randy, and Eric Harwell. 2009. The Efficacy of Applying Acidified Sodium Chlorite to Beef Trim Using Different Methodologies in Eliminating *E.coli* in Fresh Ground Beef Trim for Small and Medium Size Meat

Packing Plants- Funded by TSU Research Committee. Applications also made to Oklahoma Animal Health Commission - Not Funded (\$15,000). Also, application to DanMar Corporation, Arlington, TX. Funded \$3000.

Harp, Randy, Harry Anderson. 2009. The Efficacy of Curus and Tasco to reduce *Haemonchus contortus* internal parasites in sheep and goats. \$4000. Not Funded with Natural MA, Inc. of Canada, Bioremedies of Garden City, KS and Wilson Farms, Stephenville, TX.

Harp, R.M. 2006/2007. Funded \$4000 (In Kind) Southwestern Livestock Exposition and Rodeo awarded \$3000 additionally for undergraduate student labor to assist with research.

Brown, Erin, Randy Harp. 2006. Pasture Based Sustainable Swine Production in East Texas. Sponsored by Stephen F. Austin University. Federal Grant, \$8000. Not Funded.

Harp, Randal, Emily Vinson, Barry Lambert, "The Efficacy of Applying Acidified Sodium Chlorite in Eliminating *Listeria Monocytogens* on Ready to Eat Smoked German Sausage," Sponsored by TSU and Dan Mar Corporation, Arlington, TX, Tarleton State University, \$9,800.00. (September 2006 - August 2007).

Harp, Randal. 2006. Effect of Curus on the Efficacy on Internal Parasite Control in Swine. Natural MA and Bioremedies. \$18,000. Not Funded.

Harp, R.M. 2006. Effects of Nutri-Maize as a Feed Additive on Feedlot Performance and Meat Quality in Sheep. Collaboration with Nutri-Maize, INC. Funded \$3500

Harp, R.M., Shelton, N., B. D. Lambert. Effects of Tasco (*Ascophylum nodosum*) on Swine Performance and Carcass Characteristics Collaboration with and supported in part by Acadian Agritech of Dartmouth, Nova Scotia, Canada (\$12,000 funded). Submitted October 2004 and funded in 2005. Research conducted as an undergraduate research project.

Harp, R.M., J.E. Jackson, B.D. Lambert, J.M. Cadle. 2005. Effects of *Aspergillus Oryzae* on Swine Performance. Funded. \$7000. Agri-dyne Industries, St. Louis, MO

Harp, R.M., J.A. Godfrey. 2005. How Pigs Grow. Funded \$1000. Barn Tours.com, Granbury, TX and working scholarships totaling \$3400 was funded for swine research projects from both the Southwestern and San Antonio Livestock Expositions Cooperative research

Harp, R.M., C.M. Mabry, J.A. Godfrey, N. Shelton, R. Hines, B.D. Lambert. 2004. A Comparison of Growth, Carcass Characteristics and Cost of Gain Among Hogs Marketed at Heavy and Light Weights. Collaborated and supported by Columbia Packing Company of Dallas, Tx. \$1500.

Harp, R.M. Field, K., B.D. Lambert, K. McGregor. 2004. Effects of Ractopamine on Swine Reproductive Performance Kyle McGregor) Funded by Tarleton Organized Research Committee. \$14,000 over a two year period.

Harp, R.M. 2003. Effects of organic microorganisms on wastewater treatments in livestock lagoons. Collaborated with NHC Corporation; Irving, TX Funded \$ 1000 (In Kind).

Houston Livestock Show and Rodeo Research Proposal

Harp, R.M., D. Manley. 1983. Effects of Grind Size and Temperature on Fresh Pork Sausage. Funded. \$2000.

Texas Beef Council Proposals (Submitted/ not funded)

Harp, R.M., B.D. Lambert. A Comparison Growth and Carcass Characteristics for Grass and Grain Fed Beef on Wagyu Cattle. \$20,000.

Harp, R M, D C Griffin. Effects of Supplemental Feeding of Elevated Polyunsaturated Fats and the Relationship to Meat Quality. Harp (Tarleton), Griffin (Texas A&M, College Station)

Federal Initiative Grant

While at A&M-Commerce in 1999-2000, submitted a Federal Initiative Grant through the A&M System entitled "Food Safety at Its Source: Fighting Pathogens on the Farm". Traveled to Washington, D. C. to visit with A&M System lobbyist for this effort. Collaboration with Dr. Royce Lee, (Submitted). Also submitted while at Tarleton to the American Meat Institute Foundation for \$265,000. Not funded.

Texas Higher Education Coordinating Board

Utilization Of The Indicator Amino Acid Technique To Determine Amino Acid Requirements In Growing Calves /Proposal with Dr. Barry Lambert (Not Funded, Submitted Summer 2003). It was submitted to the Texas Higher Education Higher Coordinating Board's ARP/ATP Program.

Initiatives for Scholarships and Teaching

Leadership provided to obtain over **\$378,000 in donations** for scholarships, and equipment for teaching and research at Texas A&M - Commerce.

Established the Lone Star Beefmaster Cattlewoman Scholarships at Tarleton (**Total of \$19,655.51 donated**).

Responsible for **donations that are valued over \$78,000** for the TSU Agricultural Center

Responsible for purchasing over **\$47,400** worth of livestock through special item appropriations for teaching/research/and service purposes at the TSU Agricultural Center

PUBLICATIONS

Books:

Harp, R.M. Current. Invited Authorship with pending contract. Introductory Animal Science Laboratory Manual. Linus Learning. Ronkonkoma, New York.

Harp, R.M., K. Adams, O. Mitchell, J. Odom, R. Gebault-King, J. Pitcock, B. Mikel, R.S. Tarpley, D. Bishop, D.R. Woerner, G.W. Davis. 2011. Meat Science and Food Safety. CEV70574; ISBN: 9781614591184. CEV Multimedia, Educational DVD. Lubbock, TX

Harp, R.M., M.F. Miller, J. Carter, E. Puckett, D.R. Woerner, D. Griffin, M. Barley, T. Jobe. 2011. Retail Cut ID. CEV80290; ISBN: 9781614590729. CEV Multimedia, Educational DVD. Lubbock, TX

Smith, G.C., et al. 2000. Meat Evaluation Handbook. American Meat Science Association. (Invited co-author of a book chapter).

Instructional Materials Service, Texas A&M University, College Station, TX. 2000. Meat Processing

Curriculum Guide for the State of Texas. (Invited co-author of a book chapter).

PEER REVIEWED JOURNALS

Holmes, E.G., J.N. Waddell, J.N., R.M. Harp, L.A. Kinman. 2018. *Texture profile analysis and consumer acceptability of goat sausages made with beef fat from various anatomical locations*. Sheep and Goat Research Journal. 33:11-14.

Kinman, L.A., M.M. Garcia, J. Speshock, R.M. Harp. 2018. *Presence of pathogenic bacteria in ground beef during consumer thawing and food-handling habits*. J. Food Microbiol. 2(2):12-14.

Bryan, Kelsey G., Randy M. Harp, Barry D. Lambert, Joe M. Cadle, and Wendi G. Snider. 2015. *The Effects of Supplemental Probiotics and Spray-Dried Egg Proteins on Piglet Growth and Performance Characteristics*. Texas Journal of Agriculture and Natural Resources. Volume 28: 1- 11. Collaboration and supported in part with local dairyman - Lloyd Ranches, Dublin, TX.

Elrod, Nathan. D., Randy M. Harp, and Kelsey G. Bryan. 2015. *Effects of Calcium Supplementation on Swine Parturition*. Texas Journal of Agriculture and Natural Resources. Volume 28: 12-17. Collaboration and supported in part by Devenish Nutrition Ltd., Fairmont, MN.

Leslie L. Frenzel, Randy M. Harp, Barry D. Lambert, Jason T. Sawyer, and Mark A. Frenzel. 2014. *Effects of wet aging and temperature on Warner-Bratzler shear force values and cooking loss of pork loins*. Texas Journal of Agriculture and Natural Resources. Volume 27: 24-35. Collaborated and supported in part by Columbia Packing Company of Dallas, Tx.

Jacob R. Lange, Randy M. Harp, Joe M. Cadle, Rudy S. Tarpley, Christopher L. Higgins, Barry D. Lambert. 2014. *Lunar Influence on Post-Castration Performance of Baby Piglets*. Texas Journal of Agriculture and Natural Resources. Volume 27:1-12

Frenzel, M. A., R. M. Harp, B. D. Lambert, J. M. Cadle, L. L. Garcia. 2011. *Effect of ractopamine hydrochloride on growth and carcass characteristics of lightweight swine*. Texas Journal of Agriculture and Natural Resources. Volume 24: 74-82. Collaborated and supported in part by Columbia Packing Company of Dallas, Tx.

Shelton N. W., R. M. Harp, B. D. Lambert, A. C. Seidel. 2011. *The Effects of Ascophylum nodosum on Swine Performance and Carcass Traits*. Texas Journal of Agriculture and Natural Resources. Volume 24:8-17. Collaboration and supported in part with Bioremedies, Inc., Garden City, KS/Dr. Harry Anderson and Tasco©.

Feild, K. L., R. M. Harp, B. D. Lambert, and K. W. McGregor. 2008. *The Effects of Feeding Ractopamine Hydrochloride to Show-Type Gilts on Reproductive Performance*. Texas Journal of Agriculture and Natural Resources. Volume 21: 50-59.

Packard, C., Muir, J., Wittie, R. D., Harp, R., Carr, M. 2007. *Peanut Stover and Bermudagrass hay for wethers on summer hardwood rangeland in North Central Texas*. Sheep and Goat Research, 22, 7-14.

Jackson, J. E., Harp, R., Lambert, B. D., Kaiser, G., Cadle, J. M., Stafford, J. 2006. *The effect of Aspergillus oryzae on performance of swine*. Texas Journal of Agriculture and Natural Resources, 19, 1-7. Collaboration and supported in part with Vitaferm/Biozyme Inc., St. Joseph, MO and ADM Nutrition, Quincy, Illinois.

Patterson, J. M., Muir, J. P., Lambert, B. D., Harp, R. 2006. *Commercial feed as supplement to Coastal bermudagrass, Tifton 85 bermudagrass or sorghum-Sudan had fed to growing wether kids*. Goat Nutrition Research in Texas.

Packard, C., J.P. Muir, R.M. Wittie, and R. Harp. 2004. Peanut stover and bermudagrass hay for wethers on hardwood range in north central Texas. July 26, 2004. St. Louis, MO. J. Anim. Sci. 82, Suppl. 1:35.

Stiffler, D. M., E. E. Ray, and R. M. Harp. 1978. Effects of Electrical Stimulation in Beef Muscle, pH and Tenderness, West, Sec. Amer. Soc. Anim. Sci. 29:151.

Wetteman, R. P., M. E. Wells, L. W. Brock, R. K. Johnson, R. Harp, and R. Vencl. 1977. Recovery of Normal Semen Quality after Heat Stress of Boars, Animal Sci. Res. Rpt. Agric. Exp. Sta. OSU MP 101:152.

SYMPOSIUMS AND PROCEEDINGS

Norris A. B., J. P. Muir, R. M. Harp, M. S. Miller, L. A. Kinman. 2015. Autumn and Winter Dynamics of White-tailed Deer Browse Nutritive Value in the Southern Cross Timbers and Prairies. Texas A&M Pathways Conference in Corpus Christi, TX, October 24, 2015. Collaboration with Texas Parks and Wildlife and ranchers in four counties within the Cross Timbers and Prairies area of Texas.

Williams, Sara, Trinette Jones, Randy Harp, Barry Lambert. 2015. Pilot Study: The Effects of Tasco® Supplementation on Stallion Semen Characteristics. VIth International Scientific Symposium for PhD Students of Agricultural Colleges. Bydgoszcz – Inowroclaw. Poland. Presentation. Collaboration with Total Equine of Weatherford Texas.

Adcock L. A., R. P. Wyatt, J. T. Sawyer, R. M. Harp, J. J. Ball, B. D. Lambert, J. P. Sylvester. 2015. Improving fresh beef round steak characteristics through mechanical tenderization and solution enhancement. Proc. 67th Recip. Meat Conf. Abstract no. 1028, University of Nebraska.

Harp, R. M., Houser, T., Olsen, S. 2015. **Invited Presentation.** Teaching Processed Meats Evaluation. Proc. 67th Recip. Meat Conf. Abstract no. 1028, University of Nebraska.

Harp, R. M., C. Alexander. 2015. **Invited Presentation.** Assessment of Using Questions in an Intercollegiate Meat Judging Contest. Proc. 67th Recip. Meat Conf. Abstract no.1028, University of Nebraska.

Hays, Samantha R., David H. Kattes, Randy M. Harp, Roger D. Wittie. 2015. Effects of Quebracho (*Schinopsis balansae*) on Stable Fly Development in Dairy Cattle Manure. Presentation at the inaugural spring AND Fall Tarleton Research Week Research Symposiums. Graduate Student Competition Winner at both Symposiums.

Norris, A., J. Muir, M. Miller, L.A. Kinman, and R. Harp. 2015. Autumn and winter dynamics of white-tail deer browse nutritive values in the southern Cross Timbers and Prairies. Presentation at the inaugural spring Tarleton Research Week Research Symposium. Texas A&M Pathways Conference in Corpus Christi, TX, October 24, 2015. Collaboration with Texas Parks and Wildlife and ranchers in four counties within the Cross Timbers and Prairies area of Texas.

Leslie L. Frenzel, Randy M. Harp, Barry D. Lambert, Jason T. Sawyer, and Mark A. Frenzel. 2015. Effects of wet aging and temperature on Warner-Bratzler shear force values and cooking loss of pork loins. Poster at the inaugural Spring Tarleton Research Week Research Symposium. Collaborated and supported in part by Columbia Packing Company of Dallas, Tx.

Lange, Jacob R., Randy M. Harp, Joe M. Cadle, Rudy S. Tarpley, Christopher L. Higgins, Barry D. Lambert. 2015. Lunar Influence on Post-Castration Performance of Baby Piglets. Poster at the inaugural Spring Tarleton Research Week Research Symposium.

Elrod, Nathan. D., Randy M. Harp, and Kelsey G. Bryan. 2015. Effects of Calcium Supplementation on Swine Parturition. Poster at the inaugural Spring Tarleton Research Week Research Symposium. Collaboration and supported in part by Devenish Nutrition Ltd., Fairmont, MN

McGriff, Justin, Randy Harp, Rudy Tarpley, Wayne Atchley, Lea Ann Kinman. 2015. Factors that Influenced Students to Attend Tarleton State University and Enroll in the College of Agricultural and Environmental Sciences. Poster at the inaugural Spring AND Fall Tarleton Research Week Research Symposiums.

Burgess, John, Randy Harp, Ben Bruce, Rudy Tarpley. 2015. Effect of Fence-line Contact at Weaning for Performance in Beef Calves in the Southwestern United States. Poster at the inaugural Spring Tarleton Research Week Research Symposium. Poster at the inaugural Spring Tarleton Research Symposium. Collaboration and Information Presented to the Texas and Southwest Cattle Raisers Association.

Hays, Samantha R., David H. Kattes, Randy M. Harp, Roger D. Wittie. 2015. Effects of Quebracho (*Schinopsis balansae*) on Stable Fly Development in Dairy Cattle Manure. 63rd Annual Meeting of the Southwestern Branch of ESA, Tulsa, OK February 23-26, 2015. And presented at the inaugural Tarleton Research Week Research Symposium.

Taylor, Danielle, Randy Harp, Rudy Tarpley and Mason Carter. 2014. Lunar Influences on Gender Selection for Swine and Beef. Poster at the Fall Tarleton Research Symposium. Collaboration with local swine breeder Brian Bennett Show Pigs.

Burgess, John, Randy Harp, Ben Bruce, Rudy Tarpley. 2014. Effect of Fence-line Contact at Weaning for Performance in Beef Calves in the Southwestern United States. Poster presentation at the Fall Tarleton Research Symposium. Collaboration and Information Presented to the Texas and Southwest Cattle Raisers Association.

Hays, Samantha, Randy Harp, Barry Lambert, Roger Wittie, David Kattes. 2014. Effects of Condensed Tannins on Stable Fly Development in Dairy Manure. Vth International Scientific Symposium for PhD Students of Agricultural Colleges. Bydgoszcz – Inowroclaw. Poland. Presentation.

Hays, Samantha R., David H. Kattes, Randy M. Harp, Roger D. Wittie, and Barry D. Lambert. 2014. Field Study of the Effects of Quebracho (CT) on Stable Fly Development in a Confined Dairy Operation. Livestock Insect Workers Conference. San Diego, CA. Presentation.

Harp, Randy M., Tarpley, Rudy T. 2014. **Invited Presentation**. How to Prepare for the National FFA Meat Technology Career Development Events. NAAE conference Nashville, TN.

Harp, Randy, Dusty Moore, and Deb VanOverbeke. 2014. **Invited Presentation**. Teaching Techniques: Using iCEVonline as a Teaching Strategy. Reciprocal Meat Conference/ American Meat Science Association. University of Wisconsin, Madison, WI. Collaboration with CEV Multimedia Education Group and Oklahoma State University.

Bryan, K. G., R. M. Harp, B. D. Lambert, J. M. Cadle, and W. G. Snider. 2011. The Effects of Supplemental Probiotics and Spray-Dried Egg Proteins on Piglet Growth and Performance Characteristics. Poster at the Texas A&M System Pathways Symposium Conference. College Station, Texas. Collaboration with local dairyman Lloyd Ranches, Dublin, TX.

Donalson, M. E., R. M. Harp, D. H. Kattes, B. D. Lambert, and D. G. McGahan. 2011. Effects of Different Cultivation Techniques and Chemical Treatments on Coastal Bermudagrass Re-Establishment Following Winter Haying. Proceedings/Abstract at the ASA, CSSA, SSSA International Annual Meetings in conjunction with the Canadian Society of Soil Science. San Antonio, Texas.

Donalson, M. E., R.M. Harp, D.H. Kattes, B.D. Lambert, and D.G. McGahan. 2011. Effects of Different Cultivation Techniques and Chemical Treatments on Coastal Bermudagrass Re-Establishment Following Winter Haying. Tarleton State University Student Research Symposium. Collaboration with a Comanche County Texas rancher.

Elrod, N.D., R.M. Harp, and K.G. Bryan. 2011. Effects of Calcium Supplementation on Swine Parturition. Abstract and Poster at the Texas A&M System Pathways Conference. College Station, Texas. Collaboration and supported in part by Devenish Nutrition Ltd., Fairmont, MN

Harp, R.M., and R.T. Tarpley. 2011. VATAT Professional Development Conference, "2012 Update: National FFA Meats CDE." Arlington, TX Collaboration with Vocational Agricultural Teachers Association of Texas.

Harp, R.M. 2010. **Invited Presentation.** Philosophy on Writing Questions for Meat Evaluation. Reciprocal Meat Conference/American Meat Science Association: Texas Tech University, Lubbock, TX.

Tarpley, R.T., and R.M. Harp. 2010. "Where's the Beef" Preparing FFA Meat Judges Without Beef Carcasses. Proceedings of the National Convention of the National Association of Agricultural Educators; Las Vegas, Nevada.

Frenzel, M.A., R.M. Harp, B.D. Lambert, J.M. Cadle, L.L. Garcia. 2010. Effect of ractopamine hydrochloride on growth and carcass characteristics of lightweight swine. Proceedings of the Reciprocal Meat Conference. Lubbock, Texas. Collaborated and supported in part by Columbia Packing Company of Dallas, Tx.

Garcia, L.L., R.M. Harp, B.D. Lambert, J.T. Sawyer, and M.A. Frenzel. 2010. Effects of wet aging and temperature on Warner-Bratzler shear force values and cooking loss of pork loins. Proceedings of the Reciprocal Meat Conference. Lubbock, Texas. Collaborated and supported in part by Columbia Packing Company of Dallas, Tx.

Harp, R.M. 2010. **Invited Presentation.** Philosophy on Writing Questions for Meat Evaluation. Reciprocal Meat Conference/American Meat Science Association: Texas Tech University, Lubbock, Texas.

Harp, R.M. 2009. **Invited Presentation.** Recruiting and Retention Strategies for Meat Judging. Reciprocal Meat Conference/American Meat Science Association. University of Arkansas. Fayetteville, AR.

Seidel, A.C., R.M. Harp, D.A. Snyder, B.D. Lambert, J.A. Godfrey. 2008. Increasing Reproductive Performance in Swine: By Using GnRH Treatments and the Addition of PGF2 α . Poster Competition. Texas A&M System Pathways Research Symposium Conference. College Station, Texas.

Seidel, A.C., R.M. Harp, M.A. Carr, G.C. Hilton, B.D. Lambert, J.A. Stafford, L.J. Sell, L.B. Darling. 2008. The Effectiveness of Ethanol on Growth and Carcass Characteristics for Feeder Lambs. Tarleton State University Research Symposium. Stephenville, Texas. Collaboration with Nutra-Maize, Inc., Hamlin, Texas and Angelo State University.

Reinhard, M.S., B.D. Lambert, J.P. Muir, R.M. Harp. 2008. Effects of protein and energy supplementation on in situ disappearance of low-quality Coastal Bermudagrass hay in goats. Poster Presentation. American Society of Animal Sciences. Indianapolis, IN.

Harp, R.M. 2007. **Invited Presentation.** Assessment of Reasons Scores in Meat Judging Contests. Reciprocal Meat Conference/American Meat Science Association. South Dakota State University. Brookings, S. D.

Harp, R.M. 2006. **Invited Presentation**. Meat Evaluation Class Alternative. Reciprocal Meat Conference/American Meat Science Association. University of Illinois. Urbana, IL.

Olufson-Godfrey, J.A., C.M. Mabry, R.M. Harp, R.C. Hines, B.D. Lambert. 2005. A Comparison of Growth, Carcass, Characteristics and Cost of Gain Among Hogs Marketed at Heavy and Light Weights. 2005 Texas A&M Agriculture Program Conference, College Station Texas. Abstract and Poster Competition. Collaborated and supported in part by Columbia Packing Company of Dallas, Tx.

Mabry, C.M., R.M. Harp, R.C. Hines, B.D. Lambert. 2004. A Comparison of Growth, Carcass, Characteristics and Cost of Gain Among Hogs Marketed at Heavy and Light Weights. Presentation at the Tarleton State University Research Symposium. Collaborated and supported in part by Columbia Packing Company of Dallas.

Harp, R.M., R.S. Tarpley. 2002. **Invited Presentation**. Teaching Critical Thinking and Decision Making Skills to Youth in Agriculture. National FFA Convention. Louisville, KY.

Harp, R.M., R.C. Hines, and R.D. Stites. 2001. **Invited Presentation**. Coaching to Succeed: Teaching and Preparing Students for Questions in Meat Evaluation. Proceedings of the 54th Annual Reciprocal Meat Conference, Volume II. American Meat Science Association. Indianapolis, IN.

Harp, R.M., D. Arnold, and R.C. Hines. August 2001. Swine Selection for Shows. Purple Circle Magazine and American Show Pigs. Com Internet Site (**Invited Article**). (**INVITED POPULAR PRESS PAPER**)

Harp, R. M. and L.A. Kinman. 2000. Effects of Supplemental Unsaturated Fats on Rye- Ryegrass for Replacement Heifers. Northeast Texas Forage Field Day Proceedings. Presented for Northeast Texas Cattle Ranchers.

Unruh, J. & R.M. Harp. 1996. **Invited Presentation**. Alternative Meat Judging Classes.

Reciprocal Meat Conference Proceedings. American Meat Science Association, Chicago, IL.

Harp, R.M., R.C. Hines. 1994. **Invited Presentation**. Teaching for Evaluating Pork Loin Value. Reciprocal Meat Conference/American Meat Science Association. Pennsylvania State University. State College, PA.

Harp, R.M. 1993. **Invited Presentation**. Oklahoma State Regents for Higher Education. The Role of Faculty in Community College Governance. Oklahoma Association of Community Junior Colleges Convention. Oklahoma City, OK.

Harp, R.M., T.C. Carr. 1991. **Invited Presentation and Paper**. Teaching Techniques for Proper Pork Carcass Evaluation. Reciprocal Meat Conference/American Meat Science Association. Kansas State University, Manhattan, KS.

Harp, R.M. 1986. **Invited Presentation**. Teaching Meat Evaluation at the Community College. Reciprocal Meat Conference/American Meat Science Association. Louisiana State University. Baton Rouge, LA.

Harp, R.M., D.M. Stiffler, E.E. Ray, and H. Keisling. 1979. Presentation. Effects of Feeding Regime on Subprimal Yields from Steers and Heifers. American Society of Animal Sciences. Tuscon, AZ.

Harp, R.M., D.M. Stiffler, E.E. Ray. 1978. Presentation. The Effects of Electrical Stimulation on Beef Palatability Characteristics. Western-Section American Society of Animal Science Conference. Pomona, CA

CURRENT SUBMISSIONS TO JOURNALS

Norris A. B., M. S. Miller, J. P. Muir, R. M. Harp, L. A. Kinman. Autumn and Winter Dynamics of White-tailed Deer Browse Nutritive Value in the Southern Cross Timbers and Prairies. Journal of Wildlife Management and Wildlife Monographs. Collaboration with Texas Parks and Wildlife and ranchers in four counties within the Cross Timbers and Prairies area of Texas.

LIST OF GRADUATE STUDENTS MENTORED AT TARLETON STATE UNIVERSITY

Student's Name/Thesis and/or Creative Component/Major Project Title:

- Mason Carter - Indirect Methods of the Measurement of Forage Production with the Prediction of Forage Nutritive Value; Thesis Co-Chair
- Aaron Norris- Autumn and winter dynamics of white-tail deer browse nutritive values in the southern Cross Timbers and Prairies; Thesis Co-Chair
- Samantha Hays- Effects of Quebracho (*Schinopsis balansae*) on Stable Fly Development in Dairy Cattle Manure; Thesis Co-Chair
- Kyla Arendt - Efficacy of iCEV Incorporation into a General Animal Science Undergraduate Classroom; Thesis committee member and activity director
- Ryan Smith - Factors that Influenced Students to Attend Tarleton State University. The Methodology, Impact Ability and Influential Means on Incoming Freshmen Attending; Thesis committee member and activity director
- Trent Myers- Economical Dynamics of Trichonomiasis in Beef Cattle in Texas. Committee member; major project
- Sara Williams- Pilot Study: The Effects of Tasco© Supplementation on Stallion Semen Characteristics. Thesis committee member
- Emily Holmes - Texture and consumer acceptability of goat meat sausages made with beef fat from various anatomical locations of a carcass. Thesis committee member
- Kallie Lovelace - Factors influencing the millennial generation's perception of beef labeling; Thesis committee member
- Barbara Ramirez- Effects of various defrosting methods on pathogen growth and survival on ground beef; Thesis committee member
- Ross Wyatt- Improving fresh beef round steak characteristics through mechanical tenderization and solution enhancement- Thesis Committee member
- Shane Newsome- Lunar phases and side of ovulation influence on foal gender. Major Project. Committee member
- Jacob Costlow; committee member, non-thesis
- Dugan Burgess- Effects of Fence-line Weaning Method on Stress and Performance of Weanling Calves; Thesis Chair
- Justin McGriff- Factors that Influenced Students to Attend Tarleton State University and Enroll in the College of Agricultural and Environmental Sciences; Thesis Chair
- Brian Duvall - Effects of Hair versus Wool Sheep on Growth and Palatability Characteristics; Major Project
- Kayla Castleberry - Electrical Impedence: A Method of Predicting Sow Ovulation and Timing of Insemination; Thesis Chair
- Wendi Snider- Effects of Creep Feed on Baby Piglet Performance and Subsequent Reproductive Performance in Sows; Major Project
- Kelsey Bryan- The Effect of Supplemental Probiotics and Spray-Dried Egg Proteins on Piglet Growth and Performance Characteristics; Thesis Chair
- Jacob Lange – Effect of Lunar Signs on Castration in Piglets; Thesis Chair
- John Anderson- non thesis committee member
- Jackie Greenwood- The Influence of Participating in Secondary FFA and 4-H Activities on Enrollment at

Tarleton State University- Thesis, committee member

Michael Donalson - Effects of Different Cultivation Techniques and Chemical Treatments on Coastal Bermudagrass Re-Establishment Following Winter Haying; Thesis Co-chair

Larry Hampel – The Use of Cattle Max Software in Beef Cattle Production; Major project, Committee member

Charles Seely- Effects of Backfat Level on Reproductive Performance in Sows and Gilts Thesis Chair

Leslie Garcia- Effects of Wet Aging and Temperature on Warner-Bratzler Shear Force, Sensory Characteristics, and Shelf-life of Pork Loins; Thesis Chair

Mark Frenzel- Effects of Ractopamine Hydrochlorite on Lightweight Market Swine. Thesis Chair

Megan Parr- non thesis committee member

Courtney Hopper- non thesis committee member

Rachel Allphin – Distillers Grains and Their Effects on Meat Goat Carcass Characteristics; Thesis Committee member

Anthony Seidel- Increasing Reproductive Performance in Swine: By Using GnRH Treatments and the Addition of PGF_{2α}; Thesis Chair

Eric Harwell- The Efficacy of Applying Acidified Sodium Chlorite to Beef Trim Using Different Methodologies in Eliminating E.coli in Fresh Ground Beef Trim for Small and Medium Size Meat Packing Plants; Chair- non-thesis, Major Project

Emily Vinson- The Efficacy of Applying Acidified Sodium Chlorite in Eliminating Listeria Monocytogenes on Ready to Eat Smoked German Sausage; Thesis Chair

Dustin Warren- Indices for Determining Student Recruitment/College Choice (Joint Project with AS&D committee members); Committee member/Activity Director

James Crenwelge- Effects of an Injectable Chelated Mineral Supplement on Dairy Calf Performance- Thesis committee member

Michelle Reinhard- Digestibility of Low Quality Forages- Thesis committee member

Justin Stafford (MBA/ANSC Graduate Student joint project) “Marketing Strategies for Meat Goats” – Animal Science Major Advisor

Jared Jackson -“Effects of Aspergillus oryzae on the Performance of Swine”; Thesis Chair

Kally Field – “The Effects of Ractopamine (Paylean) on Reproductive Efficiency in Swine” Thesis Chair

Grady Kaiser - “Effects of Oral Administration of Glycerin on Blood Parameters, Milk Production, and Health For Fresh Cows on a Commercial Dairy-Thesis Committee member, Joint collaboration with Texas Agri-Life

Catherine Packard – “Peanut Hay for Wethers on Summer Hardwood Range in North Central Texas”- Thesis Committee Member

Casey Mabry -The Economic Feasibility of Marketing Swine at Alternate Target Weights - Chair; Major Project

Jodi Patterson –Effects of Protein and/or Energy Supplementation on Fiber Digestion and Performance of Growing Meat Goats. – Thesis Committee Member

LIST OF UNDERGRADUATE STUDENTS MENTORED AT TARLETON STATE UNIVERSITY

Student’s Name/Project Title:

Sara Mappes – Comparison of Milk Production on Reproductive Traits in Dairy Cows. Danielle Taylor- Lunar Influences on Gender Selection for Swine and Beef

Nick Shelton-The Effects of Ascophylum nodosum on Swine Performance and Carcass Traits.

Julie Olufson-Godfrey- A Comparison of Growth, Carcass, Characteristics and Cost of Gain Among Hogs Marketed at Heavy and Light Weights.

Nathan Elrod- Effect of Calcium Ion Supplementation on Swine Parturition

Anthony Seidel, Loren Sell, Lochie Darling and James Vasich- Effects of Ethanol as a Feed Additive on Feedlot Performance and Carcass Characteristics in Sheep

Leanna Shores, Steven Maddox and Kevin Mock- The Effects of Ractopamine (Paylean) on Reproductive Efficiency in Swine

Nathan Munchrath, Steven Kocurek and Chad Ondrusek Effects of Elevated Polyunsaturated Fat on Meat Quality
Journal Reviewer
Texas Journal of Agriculture and Natural Resources- A Publication of the Agricultural Consortium of Texas

CERTIFICATIONS

CITI Program- both IACUC (Institutional Animal Care and Use Committee/Animal Use Protocols/Research and Teaching Protocols) and IRB (Institutional Review Board/Human Subject Research). In addition, I have written Standard Operating Procedures for livestock operations for teaching.

HACCP Accreditation for Small and Medium Sized Meat Plants- Written Food Safety Protocols as well as Good Manufacturing Practices and Standard Operating Procedures for Meat Plants (USDA Inspection)

Pork Quality Assurance Certified and Certified as one of two State Advisor Trainers for Texas Both PQA+ Adult and PQA+ Youth with the National Pork Board

Beef Quality Assurance Certified

American Boer Goat Association – Certified as a Judge and Inspector
Judged ABGA shows at Houston, Austin, State Fair of Texas and State Fair of Oklahoma, West Texas Fair and San Angelo Livestock Show

HIGHLIGHTED AWARDS

2018 Eminent Scholar Award, Texas A&M - Commerce.

2018 Texas FFA Honorary Lone Star Degree

2016 Engaged Faculty Award (New Award, First Recipient), College of Agricultural & Environmental Sciences – Tarleton State University; Awarded to one faculty member per College per year for engagement of community, students and research collaboration.

2014 Faculty Excellence in Scholarship (New award, First Recipient), College of Agricultural & Environmental Sciences- Tarleton State University; given to one faculty member per College per year for excellence in Research and Scholarly Activity.

2013 American Meat Science Association Intercollegiate Meat Judging Meritorious Service Award: given to one individual per year for meritorious serve throughout their lifetime. This is also called by some: AKA; Collegiate Meat Judging Coaches “Hall of Fame.”

2008 Recipient of the Barry B. Thompson Service Award, Tarleton State University; Award is given to only one faculty member each year for outstanding service to students at the university.

2008 O. A. Grant Teaching Award, Tarleton State University; Award is given to one faculty member per college per year at TSU for outstanding contributions and innovative teaching

2006 Honorary American FFA Degree, National FFA Organization: Award is to several professionals across the United States each year for their leadership contributions and continued service to the National FFA Organization.

2001, 2005, 2006, 2008

Outstanding Faculty Award, College of Agriculture and Human Sciences - Tarleton State University; Award given to one faculty member per year within the college as voted by the students.

2001-2016

Superintendent for both Livestock and Meat Judging FFA/4-H contests, Tarleton CDE Invitational (Hosts over 10,000 FFA members annually). Superintendent for both contests during 16 years at Tarleton. These events amass a tremendous amount of time and coordination and is essential for public relations efforts and recruitment of students.

2000 Rookie of the Year/Faculty Award, Texas A&M - Commerce: Award was given to a new faculty member that made significant contributions to the university and exhibited excellence as a professional.

1986 Teacher of the Year Award, Eastern Oklahoma State College - Oklahoma Foundation for Excellence: Award was given to one individual per college/institution per year for excellence in teaching.

2008 Madison Who's Who recipient - nominated by students

1996, 1998, 1999

Who's Who Among College & University Teachers, EOSC & (2006) TSU

Meat Judging Team Coach/Supervisor (EOSC, ETSU/TAMU-C and TSU)

Collegiate Meat Judging Teams- National Champions

1983, 1986, 1987, 1988, 1994, 1995, 1996, 1998, 1999, 2004, 2005, 2009

HIGHLIGHTED SERVICE

Committee Involvement and Leadership Provided to the College, University, Profession and Community

University Service

University Engaged Scholars Academy- Inaugural member

University Engaged Scholars Academy- Mentor

University Scholarship Committee – Chair

University Research Committee

University Calendar Committee

University Room Use Committee

University Faculty Senate at Tarleton

Faculty Council Chairman at Eastern Oklahoma State College

University Curriculum Committee

University Discipline Appeals Committee

Student Services Fee Committee (served as one of two faculty members at the university to allocate funds from student service fees for numerous activities campus-wide); (this included: budgets for the Student Center, Rodeo team, Judging teams, Student Government Association, Black Awareness Week, etc.)

Fulbright Advisory Committee (allocated funds to students that qualified for a Fullbright scholarship)
Retention and Orientation Sub-committees
Outstanding Greek Man and Woman Selection
Career Services Advisory Committee
Freshman Year Experience Committee
Graduate Council
North Central Evaluation Assessment Committee (Eastern Oklahoma State College)
Oklahoma-Texas Meat Processors Association – Board of Directors-

College/Departmental Service

ANSC Curriculum Scheduling and Advisement (leadership to department in curriculum scheduling and advised numerous students each semester)
ANSC Graduate Program Committee – Chair
ANSC Meat Science Concentration Committee
COAHS Recruitment Committee, Chair (leadership for the college for recruitment and assisted the college recruiter in planning and outreach visits to high schools, state fairs, conferences, etc.)
COAHS Curriculum Committee
COAHS Selection Committee for College Recruiter
COAHS Recruitment Committee - Chair
COAHS Commencement Committee (served as a Marshall at Commencement Ceremonies)

Numerous Faculty and Staff search committees

Additional University/College Service

Assisted with and officiated the 1st Annual Livestock Judging Contest at Navarro County Community College in Corsicana, TX

Professional Memberships (current and past memberships)

American Meat Science Association

Committees Served:

Intercollegiate Meat Coaches Association: 3 terms as a member of the Board of Directors and 2 terms as President
Special Educational Materials Distinguished Teaching Award Distinguished Extension Award Graduate Student Poster Competition
National 4-H Meat Evaluation and Identification Contest
Processed Meat Evaluation Contest Task Force iCEV Meat Evaluation Certification

American Society of Animal Science

Institute of Food Technologists

Council for Agriculture Science and Technology Alpha Zeta Advisor (Honorary Agriculture Fraternity)

Farm House Fraternity Advisor

American Boer Goat Association Certified Judge/Inspector

Related Civic Service

Provided leadership for the community garden, Commerce, TX

Tri-County Agribusiness Association/ Board of Directors

Co-Chairman of the Texas Farm and Dairy Show/Dairy Fest

Texas Waygu Association - conducting pilot research and presenting scientific information to producers/ranchers

Mid-Tex Angus Field Day - Assisted and conducted presentations

Texas Angus Association Breeders Select Sale at Texas A&M - Commerce

Erath County Beef Committee for Erath County Beef Cattle producers
Provided leadership with the Beef 706 (Texas Beef Council) sponsored educational program