

Mark J. Anderson
Assistant Professor of Animal Science
Department of Agricultural Sciences
College Science and Engineering Technology

Degrees Earned

Ph.D. Meat Science: Minor Statistics Iowa State University	2011
M.S. Animal Breeding: Genetics Emphasis Texas Tech University	2005
B.S. Animal Science Texas Tech University	2003, Cum Laude

Professional Licensure and Certifications

HACCP Certified
Artificial Insemination Certification

Peer-Review Publications

- Proske, D. K., J. L. Leatherwood, K. J. Stutts, M. J. Anderson, J. A. Coverdale, and C. J. Hammer. 2017. Effects of barefoot trimming and shoeing on the joints of the lower forelimb and hoof morphology of mature horses. *The Professional Animal Scientist*. 33 (4), Pages 483–489.
- Collins, H., J.L. Leatherwood, F. Yildiz, M.M. Beverly, and M.J. Anderson. 2016. Design and Development of a Non-Contact Thermography Device for Equine Research. *ASEE Annual Conference & Exposition*.
- Hosford, A. D., J. E. Hergenreder, J. K. Kim, J. O. Baggerman, F. R. B. Ribeiro, M. J. Anderson, K. S. Spivey, W. Rounds and B. J. Johnson. 2015. Effects of supplemental lysine and methionine with zilpaterol hydrochloride on feedlot performance, carcass merit, and skeletal muscle fiber characteristics in finishing feedlot cattle. *Journal of Animal Science*. 93 (9): 4532-4544.
- Jennings, M. A., F. R. B. Ribeiro, T. R. Young, J. T. Cribbs, B. C. Bernhard, A. D. Hosford, T. L. Harris, M. J. Anderson, G. J. Vogel, J. A. Scanga, M. F. Miller, and B. J. Johnson. 2015. Ractopamine hydrochloride and estradiol–trenbolone acetate implants alter live performance and carcass components of heifers during the finishing phase. *Professional Animal Scientist*. 31:543-551.
- Anderson, M. J., S. M. Lonergan, and E. Huff-Lonergan. 2014. Differences in phosphorylation of phosphoglucosmutase 1 in beef steaks from the longissimus dorsi with high or low star probe values. *Meat Science*. 96: 379-384.
- Ferrell, K.W., A. Maxwell, F.D. Mills, Jr., M. J. Anderson, and J.L. Francis. 2014. Agricultural Literacy and Student Policy Preferences. *NACTA Journal*. 58(Supplement1):25

Anderson, M. J., S. M. Lonergan, C. Fedler, K. Prusa, J. Binning, and E. Huff-Lonergan. 2012. Profile of biochemical traits influencing tenderness of muscles from the beef round. *Meat Science*. 91 (3): 247-254.

Anderson, M. J., S. M. Lonergan, and E. Huff-Lonergan. 2012. Myosin light chain 1 release from myofibrillar fraction during postmortem aging is a potential indicator of proteolysis and improvement in tenderness of beef. *Meat Science*. 90 (2): 345-351.

Smith, R.M., N.K. Gabler, J.M. Young, W. Cai, N.J. Boddicker, M.J. Anderson, E. Huff-Lonergan, J.C.M. Dekkers, and S.M. Lonergan. 2011. Effect of selection for reduced residual feed intake on composition and quality of fresh pork. *Journal of Animal Science*. 89 (1): 192-200.

Anderson, M. J., J. R. Blanton Jr, J. Gleghorn, S. W. Kim, and J. W. Johnson. 2006. Ascophyllum nodosum Supplementation Strategies that Improve Overall Carcass Merit of Implanted English Crossbred Cattle. *Asian-Australian Journal of Animal Science*. 19:1514-1518.

Peer-Review Presentations/Posters

Oral:

Anderson, M.J., K. Franks, M.M. Beverly, S.F. Kelley and K.J. Stutts. 2017. The Use of a Therapy Dog to Relieve Test-Taking Anxiety. North American Colleges and Teachers of Agriculture Conference. June 28 - July 1. Purdue University, West Lafayette, IN.

Anderson, M.J., S. F. Kelley, M. M. Beverly, and K. J. Stutts. 2017. What we deserve: A survey of student entitlement. American Society of Animal Science Annual Conference. July 8-12, 2017. Baltimore, Maryland.

Urso, P., M. M. Beverly., S. F. Kelley., **M. J. Anderson**, S. Nair, J. Leatherwood, K. Stutts. 2017. The Effects of Olive Pomace As a Wintering Supplement When Analyzing Weight Gain, Consumption Trends, and Costs in Capris Aegagrus Hircus. Southern Section Animal Science Conference. February 4-7, 2017. Franklin, TN.

Urso, P., M. M. Beverly, S. F. Kelley, E. F. Miller, **M. J. Anderson**, and K. J. Stutts. 2017. Difference in opinion of sustainable agriculture concepts between master of science and master of agriculture cohorts. American Society of Animal Science Annual Conference. July 8-12, 2017. Baltimore, Maryland.

Anderson, M.J., J.L. Leatherwood, K. J. Stutts, M. M. Beverly and S. F. Kelley. 2016. Perceptions Concerning Student-Instructor Interaction using the IDEA Student Evaluation. North American Colleges and Teachers of Agriculture Conference. June 21-24. Honolulu, Hawaii.

Anderson, M.J., M. M. Beverly, J.L. Leatherwood, K. J. Stutts, and S. F. Kelley. 2016. Perceptions Concerning Instructor's Attempts to Motivate or Challenge Students Using the IDEA Student Evaluation. North American Colleges and Teachers of Agriculture Conference. June 21-24. Honolulu, Hawaii.

- Leatherwood, J.L., M.M. Beverly, **M.J. Anderson**, K.J. Stutts, and S.F. Kelley. 2016. Outcomes and experiences of students participating in an international horsemanship program. North American Colleges and Teachers of Agriculture Conference. June 21-24. Honolulu, Hawaii.
- Stutts, K.J., S.F. Kelley, J.L. Leatherwood, M.M. Beverly, and **M.J. Anderson**. 2016. Perceptions of a diverse student population on animal agriculture. North American Colleges and Teachers of Agriculture Conference. June 21-24. Honolulu, Hawaii.
- Pritchett, K.B., J.L. Leatherwood, K.J. Stutts, and **M.J. Anderson**. 2016. Use of ultrasonography to evaluate the accuracy of objective and subjective measures of body composition in horses. American Society of Animal Science – Southern Section. February 6-9. San Antonio, Texas.
- Proske, D.K., K.J. Stutts, J.L. Leatherwood, C.J. Hammer, J.A. Coverdale, and **M.J. Anderson**. 2016. Effects of shoeing on the joints of the lower forelimb and hoof morphology of mature horses. American Society of Animal Science – Southern Section. February 6-9. San Antonio, Texas.
- Collins, H.C. J.L. Leatherwood, **M.J. Anderson**, M.M. Beverly, F.X. Yildiz, and K.J. Stutts. 2016. Development of an equine non-contact thermography device: Evaluation of thermal expression on multiple sites of the horse as an indicator of body temperature. American Society of Animal Science – Southern Section. February 6-9. San Antonio, Texas.
- Collins, H.C. J.L. Leatherwood, **M.J. Anderson**, M.M. Beverly, F.X. Yildiz, N. L. Walker and K.J. Stutts. 2016. Development of an equine non-contact thermography device: Relationship of ocular and rectal temperatures to indicators of health status in horses. American Society of Animal Science – Southern Section. February 6-9. San Antonio, Texas.
- Lane, Robert A. and **M.J. Anderson**. 2016. Pasture Herbicide Effects on Crimson and White Clover. American Forage and Grassland Conference. January 12. Baton Rouge, LA.
- Anderson, M.J.**, J.L. Leatherwood, S. F. Kelley, M. M. Beverly, and K. J. Stutts. 2015. Evaluation of multiple sections of a single animal science course for consistency of instruction quality. North American Colleges and Teachers of Agriculture Conference. June 16-20. Athens, Georgia.
- Ferrell, K. W., T. R. Pannkuk, **M. J. Anderson**, and S. F. Kelley. 2015. SAFE: A Program Development Initiative to Address Sustainable Agriculture and Food Environment Opportunities. North American Colleges and Teachers of Agriculture Conference. June 16-20. Athens, Georgia.
- Knight, C.D., J.L. Leatherwood, **M.J. Anderson**, S. Brinsko, and T. Blanchard. 2015. Influence of plasma leptin concentrations on predicting post-partum anestrus in mares. Elliot T. Bowers Undergraduate Research Symposium. April 25. Huntsville, Texas.

Urso, P., M.M. Beverly, S.F. Kelley, J. Wilson, J.L. Leatherwood, **M.J. Anderson**, K.J. Stutts. 2015. Behavioral responses of livestock exposed to unmanned aerial systems. American Society of Animal Science Joint Annual Meeting. July 12-16. Orlando, Florida.

Anderson, M. J., S. F. Kelley, K. J. Stutts, M. M. Beverly, and J. L. Lucia. 2014. Performance of incoming freshman students with different admission statuses. North American Colleges and Teachers of Agriculture Conference. June 25 - 28. Bozeman, MT.

Anderson, M. J., J. L. Lucia, K. J. Stutts, M. M. Beverly, and S. F. Kelley. 2014. Changes in the perceptions of students involved in a traditional meat science course. American Society of Animal Science Joint Annual Meeting. July 20-24. Kansas City, Missouri.

Anderson, M.J., J.L. Lucia, K.J. Stutts, M.M. Beverly and S.F. Kelley. Relationship of ocular and rectal temperatures to indicators of stress in mature horses. American Society of Animal Science Joint Annual Meeting. July 20-24. Kansas City, Missouri.

Carlson, K.S., **M.J. Anderson**, and J.L. Lucia. 2014. Influence of ambient temperature and relative humidity on exercise performance in young horses. Elliot T. Bowers Undergraduate Research Symposium in Huntsville, TX.

Carlson, K.S., **M.J. Anderson**, K.N. Walter, and J.L. Lucia. 2014. Influence of ambient temperature on exercise performance in young horses. Southern Section of American Society of Animal Science. Feb. 2-3 in Dallas, TX.

Lucia, J.L, E.D. Lamprecht, **M.J. Anderson**, K.J. Stutts, M.M. Beverly, S.F. Kelley, and D.L. Parker. 2014. Influence of diet fortification on mature horses at maintenance: Performance Characteristics. American Society of Animal Science Joint Annual Meeting. July 20-24. Kansas City, Missouri.

Lucia, J., **M.J. Anderson**, K.W. Walter, K.J. Stutts, M.M. Beverly, and S.F. Kelley. 2014. Influence of Ambient Temperature and Relative Humidity on Recovery from Exercise in Young Horses. American Society of Animal Science Joint Annual Meeting. July 20-24. Kansas City, Missouri.

Swyden, J.A., J.L. Lucia, **M.J. Anderson**, and K.J. Stutts. Effect of omega-3 fatty acid supplementation on joint inflammation of young horses. Elliot T. Bowers Undergraduate Research Symposium.

Anderson, M. J., S. F. Kelley, K. J. Stutts, M. M. Beverly, and J. L. Lucia. 2014. Performance of incoming freshman students with different admission statuses. North American Colleges and Teachers of Agriculture Conference. June 25 - 28. Bozeman, MT.

Anderson, M. J., J. L. Lucia, K. J. Stutts, M. M. Beverly, and S. F. Kelley. 2014. Changes in the perceptions of students involved in a traditional meat science course. American Society of Animal Science Joint Annual Meeting. July 20-24. Kansas City, Missouri.

- Carlson, K.S., **M.J. Anderson**, K.N. Walter, and J.L. Lucia. 2014. Influence of ambient temperature on exercise performance in young horses. American Society of Animal Science, Southern Section Meeting. February 1-3 Dallas, TX.
- Anderson, M. J.**, K. J. Stutts, M. M. Beverly, and S. F. Kelley. 2013. Predicting the quality of an undergraduate course using the IDEA survey. North American Colleges and Teachers of Agriculture Conference. June 25-29, Blackburg, VA.
- S. M. Wyatt, **M. J. Anderson**, S. F. Kelley, M. M. Beverly, K. J. Stutts and J. L. Lucia. 2013. Effect of Background Experience on Student Perceptions of Ethical Issues in Animal Science. North American Colleges and Teachers of Agriculture Conference. June 25-29, Blackburg, VA.
- Anderson, M. J.**, K. J. Stutts, M. M. Beverly, and S. F. Kelley. 2013. Predicting instructor quality in undergraduate animal science courses using the IDEA survey. American Society of Animal Science, Annual Joint Meeting. July 8-12, Indianapolis, IN.
- Anderson, M. J.**, K. J. Stutts, M. M. Beverly, and S. F. Kelley. 2013. Predicting the quality of an undergraduate animal science course using the IDEA survey. American Society of Animal Science, Annual Joint Meeting. July 8-12, Indianapolis, IN.
- Hergenreder, J. E., **M. J. Anderson**, L. D. Luque, P. D. Bass, W. Nichols, R. J. Delmore, J. L. Beckett, and B. J. Johnson. 2013. Predicting percent empty body fat in calf-fed Holstein steers using carcass measurements. American Society of Animal Science, Annual Joint Meeting. July 8-12, Indianapolis, IN.
- Hosford, A. D., W. Rounds, J. E. Hergenreder, **M. J. Anderson**, A. Jennings, T. L. Harris, S. N. Aragon, and B. J. Johnson. 2013. Effects of supplemental lysine and methionine with zilpaterol hydrochloride on feedlot performance, carcass characteristics on finishing feedlot cattle. American Society of Animal Science, Annual Joint Meeting. July 8-12, Indianapolis, IN.
- Hosford, A. D., W. Rounds, J. E. Hergenreder, **M. J. Anderson**, A. Jennings, T. L. Harris, S. N. Aragon, and B. J. Johnson. 2013. Effects of supplemental lysine and methionine with zilpaterol hydrochloride administration on finishing feedlot cattle tenderness. American Society of Animal Science, Annual Joint Meeting. July 8-12, Indianapolis, IN.
- Smith, R. M., J. M. Young, **M. J. Anderson**, R. C. Johnson, E. Huff-Lonergan, J. Dekkers, and S. M. Lonergan. 2009. Influence of selection for reduced residual feed intake on pork quality. American Society of Animal Science, Midwest section. March 16 - 18, Des Moines, IA.
- Anderson, M. J.**, R. M. Smith, J. Viguera, E. Huff-Lonergan, and S. M. Lonergan. 2008. Correlation of pork texture characteristics determined using different instrumental texture analysis methods. American Society of Animal Science, Annual Joint Meeting. July 7-11, Indianapolis, IN.
- Smith, R. M., **M. J. Anderson**, J. Viguera, E. Huff-Lonergan, and S. M. Lonergan. 2008. Mapping quality attributes within the pork loin. ASAS, Annual Joint Meeting. July 7-11, Indianapolis, IN.

Anderson, M. J., Lonergan, S. M., & Huff-Lonergan, E. (2007). Round muscle profiling of tenderness and postmortem proteolysis. *Journal of Animal Science*, 85, 380-381.

Anderson, M. J., K. Mou, E. Steadham, C. Fedler, K. Prusa, S.M. Lonergan, and E. Huff-Lonergan. 2007. Round Muscle Profiling: Influence of aging on palatability of specific wholesale round cuts. Proceedings, 60th Reciprocal Meat Conference, June 17-20, South Dakota State University, Brookings, SD.

Anderson, M. J., Johnson, J. W., Kim, S., Miller, M., Brooks, C., Gleghorn, J., Woerner, D., Vineyard, Z., Byrd, J., Palmore, W., Jaks, M., Teague, M., & Blanton, J. (2005). Effects of feeding ascophyllum nodosum supplementation in finishing cattle diets to improve overall quality grades. *Journal of Animal Science*, 83, 4-4.

Poster:

Anderson, M.J., K. Franks, M. M. Beverly, S. F. Kelley, and K. J. Stutts. 2017. Paws for a Cause: Stress relief using therapy dogs. American Society of Animal Science Annual Conference. July 8-12, 2017. Baltimore, Maryland.

Urso, P., M. M. Beverly, S. F. Kelley, **M. J. Anderson**, and K. J. Stutts. 2017. The effects of supplementing ad libitum olive pomace on serum fatty acid composition in Spanish goats. American Society of Animal Science Annual Conference. July 8-12, 2017. Baltimore, Maryland.

Miller, E.F., J. L. Leatherwood, **M. J. Anderson**, and M. M. Beverly. 2017. The effect of conjugated linoleic acid supplementation on fat deposition and lean muscle mass in horses. American Society of Animal Science Annual Conference. July 8-12, 2017. Baltimore, Maryland.

Stutts, K.J., C. E. Lindsey, **M. J. Anderson**, J. L. Leatherwood, S. F. Kelley, and M. M. Beverly. 2017. Influence of conjugated linoleic acid supplementation on body composition of growing pigs. American Society of Animal Science Annual Conference. July 8-12, 2017. Baltimore, Maryland.

Evers, E.E., K.J. Stutts, J.L. Leatherwood, C.R. Stewart, C.J. Hammer, and **M.J. Anderson**. 2017. Evaluation of passive transfer immunity and predicting survivability in newborn white-tailed deer fawns. American Society of Animal Science Annual Meeting, July 8-12, Baltimore, MD.

Anderson, M.J., K.J. Stutts, M.M. Beverly and S.F. Kelley. 2017. Assessment of Academic Achievement of Students in a Pre-Veterinary Cohort North American Colleges and Teachers of Agriculture Conference. June 28 - July 1. Purdue University, West Lafayette, IN.

Anderson, M.J., P.M. Urso, M.M. Beverly, S.F. Kelley, K.J. Stutts and F.J. Aniol. 2017. Student Perspectives Regarding Human Health after a Contemporary Animal Issues Course. North American Colleges and Teachers of Agriculture Conference. June 28 - July 1. Purdue University, West Lafayette, IN.

Urso, P., M.M. Beverly, S.F. Kelley, **M.J. Anderson**, K.J. Stutts and F.J. Aniol. 2017. Student Perspectives after Watching Documentaries in a Contemporary Animal Issues Course. North American Colleges and Teachers of Agriculture Conference. June 28 - July 1. Purdue University, West Lafayette, IN.

Beverly, M.M., P.M. Urso, S.F. Kelley, **M.J. Anderson**, K.J. Stutts and F.J. Aniol. 2017. Ethical Viewpoints of Students in a Contemporary Animal Issues Course After Viewing Documentaries. North American Colleges and Teachers of Agriculture Conference. June 28 - July 1. Purdue University, West Lafayette, IN.

Beverly, M.M., P.M. Urso, S.F. Kelley, **M.J. Anderson**, K.J. Stutts and F.J. Aniol. 2017. Gender Differences on Environmental Issues after a Contemporary Animal Issues Course. North American Colleges and Teachers of Agriculture Conference. June 28 - July 1. Purdue University, West Lafayette, IN.

Kelley, S.F., P.M. Urso, M.M. Beverly, **M.J. Anderson**, K.J. Stutts and F.J. Aniol. 2017. Student Perspectives of Environmental Issues after a Course in Contemporary Animal Issues. North American Colleges and Teachers of Agriculture Conference. June 28 - July 1. Purdue University, West Lafayette, IN.

Urso, P.M., Beverly, M.M., S. F. Kelley, **M. J. Anderson**, K. J. Stutts, and F.J. Aniol. 2017. Student perspectives on food products after watching documentaries in a contemporary animal issues course. North American Colleges and Teachers of Agriculture Conference, June 28-July 1, West Lafayette, IN.

Miller, E.F., J. L. Leatherwood, **M. J. Anderson**, and M. M. Beverly. 2017. Evaluation of CLA supplementation on Equine Body Composition. Agricultural Consortium of Texas Research Symposium. April 13th. Huntsville, TX.

Urso, P.M., M. M. Beverly, S. F. Kelley, **M. J. Anderson**, J. L. Leatherwood, and K. Stutts. 2017. The Effects of Supplementing *ad libitum* Olive Pomace on Serum Fatty Acid Composition in Spanish Goats. Agricultural Consortium of Texas Research Symposium. April 13th. Huntsville, TX.

L. Emley, A. Seber, J. Hitchcock, **M. J. Anderson**, and S. Nair. 2017. Does Class Time Influence Student Performance? Agricultural Consortium of Texas Research Symposium. April 13th. Huntsville, TX.

E. E. Evers, K. J. Stutts, J. L. Leatherwood, C. R. Stewart, C. J. Hammer, and **M. J. Anderson**. 2017. Evaluation of Passive Transfer Immunity and Predicting Survivability in Newborn White-Tailed Deer Fawns. Agricultural Consortium of Texas Research Symposium. April 13th. Huntsville, TX.

Behrens-Russell, H.N., M. T. McCluskey, E. F. Miller, J. L. Leatherwood, **M. J. Anderson**, and M.M. Beverly. 2017. Determination of the Maximum Inclusion Rate of CLA in an Equine Model. Agricultural Consortium of Texas Research Symposium. April 13th. Huntsville, TX.

- Davis, E., K. Marks, K. Fogelquist, **M. J. Anderson**, and S. Nair. 2017. Impact of an Animal Science Course on Student's Perception on Animal Issues. Sam Houston State University Undergraduate Research Symposium. April 29th. Huntsville, TX.
- Seber, A., J. Hitchcock, L. Emly, **M. J. Anderson**, and S. Nair. 2017. Does Class Time Influence Student Performance? Sam Houston State University Undergraduate Research Symposium. April 29th. Huntsville, TX.
- Behrens-Russell, H.N., M. T. McCluskey, E. F. Miller, J. L. Leatherwood, **M. J. Anderson**, and M.M. Beverly. 2017. Determination of the Maximum Inclusion Rate of CLA in an Equine Model. Sam Houston State University Undergraduate Research Symposium. April 29th. Huntsville, TX.
- Anderson, M.J.**, S. F. Kelley, M. M. Beverly, J.L. Leatherwood, and K. J. Stutts. 2016. Effect of teaching platform on student performance and motivation. North American Colleges and Teachers of Agriculture Conference. June 21-24. Honolulu, Hawaii.
- Anderson, M.J.**, S. F. Kelley, M. M. Beverly, K. J. Stutts, and J.L. Leatherwood. 2016. The effect of student motivation on performance in online exams. North American Colleges and Teachers of Agriculture Conference. June 21-24. Honolulu, Hawaii.
- E. E. Evers, **M. J. Anderson**, and T. Pannkuk. 2016. Consumers of Texas Alternative Agriculture: A Brief Study of Preferences and Beliefs. American Society of Horticultural Science Conference. August 8-12. Atlanta, Georgia.
- E. E. Evers, **M. J. Anderson**, and T. Pannkuk. 2016. Producers of Texas Alternative Agriculture: A Brief Study of Beliefs. American Society of Horticultural Science Conference. August 8-12. Atlanta, Georgia.
- E. E. Evers, **M. J. Anderson**, and T. Pannkuk. 2016. Texas Alternative Agriculture: A Brief Comparison of the Beliefs of Consumers and Producers. American Society of Horticultural Science Conference. August 8-12. Atlanta, Georgia.
- D.K. Proske, J.L. Leatherwood, K.J. Stutts, C.J. Hammer, J.A. Coverdale, and **M.J. Anderson**. 2016. Effects of trimming and shoeing on the lower forelimb: joint inflammation. Joint Annual Meeting - American Society of Animal Science. JULY 19 – 23. Salt Lake City, UT.
- D.K. Proske, J.L. Leatherwood, K.J. Stutts, C.J. Hammer, J.A. Coverdale, and **M.J. Anderson**. 2016. Effects of trimming and shoeing on the lower forelimb: hoof morphology. Joint Annual Meeting - American Society of Animal Science. JULY 19 – 23. Salt Lake City, UT.
- Leatherwood, J.L., D.L. Parker, **M.J. Anderson**, K.J. Stutts, M.M. Beverly, and S.F. Kelley. 2016. Characterizing the physiological response of a novel vaccine in mature horses. Joint Annual Meeting - American Society of Animal Science. JULY 19 – 23. Salt Lake City, UT.
- Surman, A., C. Smith, N. Weisiger, **M. J. Anderson**, and S. Nair. 2016. Economics of Meat Quality. 6th Annual Agricultural Consortium of Texas Research Symposium. March 31. Stephenville, TX.

- Anderson, M. J.**, J. L. Leatherwood, M. M. Beverly, K. J. Stutts, and S. F. Kelley. 2015. Relationship between course performance and graduation rates of animal science majors. American Society of Animal Science Joint Annual Meeting. July 12-16. Orlando, Florida.
- Anderson, M. J.**, J. L. Leatherwood, K. Jones, K. J. Stutts, M. M. Beverly, and S. F. Kelley. 2015. Relationship between training difficulty and aggression in horses. American Society of Animal Science Joint Annual Meeting. July 12-16. Orlando, Florida.
- Anderson, M. J.**, J.L. Leatherwood, S. F. Kelley, M. M. Beverly, and K. J. Stutts. 2015. Performance of incoming freshman students with different ethnicities and genders. North American Colleges and Teachers of Agriculture Conference. June 16-20. Athens, Georgia.
- Beverly, M.M., S.F. Kelley, **M.J. Anderson**, F. Mills, and S. Frey. 2015. Change in Student Values after Completing an Academic Community Engagement Course. North American Colleges and Teachers of Agriculture Annual Conference. June 16-20, 2015. Athens, Georgia.
- Collins, H.C., J.L. Leatherwood, **M.J. Anderson**, M.M. Beverly, F. X. Yildiz, N. L. Walker, and K. B. Pritchett. 2015. Relationship of ocular and rectal temperatures to indicators of health status in horses. Equine Science Society Meeting. May 26-29. St. Pete Beach, Florida.
- Knight, C.D., J.L. Leatherwood, **M.J. Anderson**, S. Brinsko, and T. Blanchard. 2015. Influence of mare performance on predicting post-partum anestrus. Agricultural Consortium of Texas Research Symposium. April 2. San Marcos, TX.
- Leatherwood, J.L., E. D. Lamprecht, **M. J. Anderson**, K. J. Stutts, M. M. Beverly, S. F. Kelley, and D. L. Parker. 2015. Influence of alpha-linolenic acid supplementation in mature horses at maintenance: Performance characteristics. American Society of Animal Science Joint Annual Meeting. July 12-16. Orlando, Florida.
- Leatherwood, J.L., **M.J. Anderson**, K.R. Jones, K. J. Stutts, M. M. Beverly, and S. F. Kelley. 2015. Relationship between Trainability and Herd Aggression of Horses Utilized in an Undergraduate Equine Behavior Course. North American Colleges and Teachers of Agriculture Annual Conference. June 16-20, 2015. Athens, Georgia.
- Pasket, M., D. Pavelock, **M. J. Anderson** and D. Ullrich. 2015. Are Judges Biased During Competitive FFA Events When Using Subjective Criteria? North American Colleges and Teachers of Agriculture Annual Conference. June 16-20, 2015. Athens, Georgia.
- Pritchett, K.B., J. L. Leatherwood, B. Vandergrift, **M. J. Anderson**, K. J. Stutts, M. M. Beverly, and S. F. Kelley. 2015. Influence of omega-3 polyunsaturated fatty acid supplementation on plasma prostaglandin E2 production in young exercising horses. Equine Science Society Meeting. May 26-29. St. Pete Beach, Florida.
- Stutts, K. J., J. L. Leatherwood, C. R. Stewart, **M. J. Anderson**, M. M. Beverly, S.F. Kelley. 2015. Evaluation of factors affecting pregnancy rate to AI in pen-raised white-tailed deer. American Society of Animal Science Joint Annual Meeting. July 12-16. Orlando, Florida.

Stutts, K. J., G. G. Vann, **M. J. Anderson**, J. L. Leatherwood, M. M. Beverly, S. F. Kelley. 2015. Influence of CLA supplementation on body composition of finished pigs. American Society of Animal Science Joint Annual Meeting. July 12-16. Orlando, Florida.

Wagner, A, **M. J. Anderson**, and C. Stewart. 2015. Effect of aging on the loin of the Scimitar Horned Oryx. Elliot T. Bowers Undergraduate Research Symposium. April 25. Huntsville, Texas.

Anderson, M. J., M. M. Beverly, S. F. Kelley, J. L. Lucia, and K. J. Stutts. 2014. Relationship between IDEA scores and grade distribution in agriculture classes. North American Colleges and Teachers of Agriculture Conference. June 25 - 28. Bozeman, Montana.

Anderson, M. J., J. L. Lucia, K. J. Stutts, M. M. Beverly, and S. F. Kelley. 2014. Predicting instructor quality in undergraduate agriculture courses using the IDEA survey. North American Colleges and Teachers of Agriculture Conference. June 25 - 28. Bozeman, Montana.

Anderson, M. J., J. L. Lucia, K. J. Stutts, M. M. Beverly, and S. F. Kelley. 2014. Predicting overall course quality in undergraduate agriculture courses using the IDEA survey. North American Colleges and Teachers of Agriculture Conference. June 25 - 28. Bozeman, Montana.

Anderson, M. J., J. L. Lucia, K. J. Stutts, M. M. Beverly, and S. F. Kelley. 2014. Changes in the perceptions of students involved in a traditional meat science course. American Society of Animal Science Joint Annual Meeting. July 20-24. Kansas City, Missouri.

Ferrell, K.W., A. Maxwell, F.D. Mills, Jr., **M. J. Anderson**, and J.L. Francis. 2014. Agricultural Literacy and Student Policy Preferences. North American Colleges and Teachers of Agriculture Conference. June 25 - 28. Bozeman, Montana.

Lane, R. A. and **M. J. Anderson**. 2014. Pasture Herbicide Residue Effects on Crimson Clover. American Society of Agronomy. Long Beach, CA.

Lucia, J. L., **M.J. Anderson**, K.J. Stutts, M.M. Beverly, and S.F. Kelley. 2014. Undergraduate Student Perceptions on the Scope of Employment Dynamics within the Equine Industry. North American Colleges and Teachers of Agriculture Conference. June 25 - 28. Bozeman, Montana.

Stutts, K. J., J.L. Lucia, M. M. Beverly, **M. J. Anderson**, and S.F. Kelley. 2014. Comparison of ultrasound transducers to determine rump fat thickness in mature horses at maintenance. American Society of Animal Science Joint Annual Meeting. July 20-24. Kansas City, Missouri.

Stutts, K. J., J.L. Lucia, M. M. Beverly, **M. J. Anderson**, and S.F. Kelley. 2014. Evaluation of a disposition scoring system in pen-raised white-tailed deer. American Society of Animal Science Joint Annual Meeting. July 20-24. Kansas City, Missouri.

Stutts, K.J., M.M. Beverly, **M.J. Anderson**, J.L. Lucia, and S.F. Kelley. 2014. Effectiveness of a Residential Summer Camp in Promoting STEM Education and Careers. North American Colleges and Teachers of Agriculture Conference. June 25 - 28. Bozeman, Montana.

Lane, R. A., F. Mills and **M. J. Anderson**. 2013. Effectiveness and Economic Feasibility of Two Liquid Alkalizers in a Bermudagrass Hay Pasture. American Society of Agronomy. November 3-6, Tampa, FL.

Lucia, J.L., K.J. Stutts, **M.J. Anderson**, S.D. Brooks, and M.L. McMillan. 2013. Comparison of on-farm and commercial laboratory fecal egg counts to determine internal parasite status of horses. American Society of Animal Science, Annual Joint Meeting. July 8-12, Indianapolis, IN.

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Anderson, M. J., K. J. Stutts, M. M. Beverly, and S. F. Kelley. 2013. Evaluation of relationships between questions on the IDEA survey for university and animal science courses. American Society of Animal Science, Annual Joint Meeting. July 8-12, Indianapolis, IN.

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Academic Manuals:

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Meat Science – Course Manual for ANSC 3376

Animal Growth and Performance – Course Manual for ANSC 4310

Meat and Muscle Biology – Course Manual for ANSC 4369

Work or Professional Experiences

Assistant Professor of Animal Science, 2013-Present

Sam Houston State University, Department of Agricultural Sciences and
Engineering Technology

Post-Doctoral Research Associate, 2011-2012

Texas Tech University, Department of Animal and Food Sciences

Honors and Awards

NACTA Teaching Award of Merit (2014)

Selected by graduating students as contributing to their success and development (2013)

2nd place AMSA Graduate Student Poster Competition, Ph. D Division (2009)

Iowa Barbeque Society Meat Science Scholarship recipient (2009)

Graduate Award for Outstanding Teaching (2008)

3rd place ASAS Southern Section Graduate Student Competition (2005)