

CODY B. SCOTT, Ph.D.

Professor, Animal Science
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Career Objective

Development of an educational and research program focused on undergraduate and graduate education

Education

Utah State University, Logan, Utah.
Doctor of Philosophy in Rangeland Resources (1995)

Angelo State University, San Angelo, Texas.
Master of Science in Animal Science (1992)

Bachelor of Science in Animal Science/Range Option (1990)

Experience

2007-current	Professor and Research Scientist, Department of Agriculture, Angelo State University, San Angelo, Texas
2000-2007	Associate Professor and Research Scientist, Department of Agriculture, Angelo State University, San Angelo, Texas
1995-2000	Assistant Professor and Research Scientist, Department of Agriculture, Angelo State University, San Angelo, Texas
1992-1995	Research Assistant, Department of Rangeland Resources, Utah State University, Logan, Utah
1994-1995	Rangeland Consultant, Navajo Sheep Project, Utah State University, Logan, Utah
1990-1992	Research Assistant and Technician, Department of Agriculture, Angelo State University, San Angelo, Texas

Peer-reviewed Publications

Anderson, J.R., C.B. Scott, C.A. Taylor, Jr., C.J. Owens, J.R. Jackson, D.K. Steele, and R. Brantley. 2013. Using experience and supplementation to increase juniper consumption by three breeds of sheep. *Rangeland Ecology and Management* 66:204-208.

Armke, F.W. and C.B. Scott. 1999. Using Cattle to disperse seeds for winter forage plants. *Texas Journal of Agriculture and Natural Resources* 12:28-38.

Armstrong, S.A., D.R. Klein, T.R. Whitney, C.B. Scott, J.P. Muir, B.D. Lambert, and T.M. Craig. 2013. Effect of using redberry juniper (*Juniperus pinchotii*) to reduce *Haemonchus contortus* *in vitro* motility and ivermectin efficacy. *Veterinary Parasitology* 197:271-276.

Bisson, M.G., C.B. Scott, C.A. Taylor, Jr., and R.A. Moen. 2001. Activated charcoal and experience affect intake of juniper by goats. *Journal of Range Management* 54:274-278.

Borroum, Z.B., C.B. Scott, and C.J. Owens. 2018. Intake of salt cedar by two different breeds of sheep. *Rangeland Ecology and Management* 71:115-118.

Branham, L.A., M.A. Carr, C.B. Scott, and T.R. Callaway. 2005. *E. coli* O157:H7 and *Salmonella* spp. in white-tailed deer and livestock. *Current Issues in Gastrointestinal Microbiology*. 6:25-29.

Bundick, C.J., C.B. Scott, C.J. Owens, and R. Brantley. 2016. Intake of bitterweed by Dorper-cross and Rambouillet sheep both with and without supplementation. *Texas Journal of Agriculture and Natural Resources* 29:12-22.

Campbell, E.S., B.S. Engdahl, C.J. Lupton, C.B. Scott, C.A. Taylor, Jr., D.F. Waldron, J.W. Walker, and W.R. Whitworth. 2007. Chapter 65: The use of fecal NIRS to identify levels of consumption of the toxic shrub juniper in a selective breeding program with goats. *In*: Panter, K.E., T.L. Wierenga, and J.A. Pfister. *Poisonous Plants: Global Research and Solutions*. CABI Publishing, Wallingford, Oxon, UK.

Cave, K.A., C.B. Scott, C.J. Owens, and R. Brantley. 2014. Intake and nutritional value of different varieties of onions. *Texas Journal of Agriculture and Natural Resources* 27:13-23.

Coburn, C.A., B.J. May, D.R. Shelby, C.B. Scott, G.R. Engdahl. 1997. Effects of penned vs. pasture feeding techniques on cortisol levels in weaned Angus bulls *Texas Journal of Agriculture and Natural Resources* 10:93-100.

- Coffman, M.C., C.B. Scott, C.J. Owens, and R. Brantley. 2015. The effects of protein supplementation on bitterweed toxicosis in sheep. *Texas Journal of Agriculture and Natural Resources* 28:18-26.
- Cook, R.W., C.B. Scott, and F.S. Hartmann. 2008. Short-term mesquite pod consumption by goats does not induce toxicity. *Rangeland Ecology and Management* 61:566-570.
- Deeds, B.E. II, C.B. Scott, and R. Brantley. 2010. Feeding shinoak to meat goats improves four-wing saltbush and total intake. *Texas Journal of Agriculture and Natural Resources* 23:1-11.
- Dietz, T.H., C.B. Scott, C.A. Taylor, Jr., C.J. Owens, E.S. Campbell and R. Brantley. 2010. Feeding Redberry Juniper (*Juniperus pinchottii*) at weaning increases juniper consumption by goats on Pasture. *Rangeland Ecology and Management* 63:366-372.
- Dunson, W.T, C.B. Scott, E.S. Campbell, C.A. Taylor, Jr., M.A. Carr, and T.R. Callaway. 2007. Chapter 64: Rumen function and the ability of goats to consume redberry juniper (*Juniperus pinchottii*). In: Panter, K.E., T.L. Wierenga, and J.A. Pfister. *Poisonous Plants: Global Research and Solutions*. CABI Publishing, Wallingford, Oxon, UK.
- Ellis, C.R., R.E. Jones, C.B. Scott, C.A. Taylor, Jr., J.W. Walker, and D.F. Waldron. 2005. Sire influence on juniper consumption by goats. *Rangeland Ecology and Management* 58:324-328
- Frost, R.A., C.B. Scott, J.W. Walker, and F.S. Hartmann. 2003. Effects of origin, genetics, and experiences early in life on bitterweed consumption by sheep. *Applied Animal Behaviour Science* 84:251-264.
- Fuchs, D.K., D.C. Dusek, C.B. Scott, M.W. Salisbury, C.J. Owens, and R. Brantley. 2017. Bitterweed ingestion may impact reproductive potential in Rambouillet lands and ewes. *Texas Journal of Agriculture and Natural Resources* 30:1-15.
- George, C.H., C.B. Scott, T.R. Whitney, C.J. Owens, B.J. May, and R. Brantely. 2010. Supplements containing escape protein improve redberry juniper consumption by goats. *Rangeland Ecology and Management* 63:655-661.
- Howery, L.D., F.D. Provenza, R.E. Banner, and C.B. Scott. 1998. Social and environmental factors influence cattle distribution on rangelands. *Applied Animal Behaviour Science* 55:231-244.

- Howery, L.D., F.D. Provenza, R.E. Banner, and C.B. Scott. 1997. Differences in home range and habitat use among individuals in a cattle herd. *Applied Animal Behaviour Science* 49:305-320.
- Klein, D.R., T.R. Whitney, A.E. Lee, C.B. Scott, T.M. Craig, J.P. Muir. 2011. A modified in vitro larvae migration inhibition assay using rumen fluid to evaluate *Haemonchus contortus* viability. *Veterinary Parasitology* 176:217-225.
- Kneuper, C.L., C.B. Scott, and W.E. Pinchak. 2003. Consumption and dispersion of mesquite seeds by ruminants. *Journal of Range Management* 56:255-259.
- Knight, C.W., C.B. Scott, and C.J. Owens. 2018. Changes in intake and nutritional quality of salt cedar. *Texas Journal of Agriculture and Natural Resources* 31:12-19.
- Knutson, H.J., M.A. Carr, L.A. Branham, C.B. Scott, and T.R. Callaway. 2006. Effects of activated charcoal on binding *E. coli* O157:H7 and *Salmonella typhimurium* in sheep. *Small Ruminant Research* 65:101-105.
- 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.
- McMillan, Z., C.B. Scott, C.A. Taylor, Jr., and J.E. Huston. 2002. Nutritional quality and intake of prickly pear by goats. *Journal Range Management* 55:139-143.
- Menchaca, M.W., C.B. Scott, K.W. Braden, C.J. Owens, and L.A. Branham. 2011. Research Note: Juniper consumption does not affect meat quality in Boer-cross goats. *Rangeland Ecology and Management* 64:669-673.
- Miller, C.S. and C.B. Scott. 2018. Using Different Preconditioning Procedures and Supplementation to Increase Redberry Juniper. *Rangeland Ecology and Management* (submitted).
- Munoz, A., A. Garcia, C. Scott, and C. Owens. 2017. Consumption of salt cedar and willow baccharis by Boer-cross goats. *Rangeland Ecology and Management* 70:374-379.
- Owens, C.J., C.B. Scott, C.A. Taylor, Jr., E.S. Campbell, and R. Brantley. 2010. Redberry juniper consumption does not adversely affect meat goat reproduction. *Texas Journal of Agriculture and Natural Resources* 23:71-82.

- Poage, G.W. III, C.B. Scott, M.G. Bisson, F.S. Hartmann. 2000. Activated charcoal reduces bitterweed (*Hymenoxys odorata*) toxicosis in sheep. *Journal Range Management* 53:73-78.
- Provenza, F.D., C.B. Scott, T.S. Phy and J.J. Lynch. 1995. Preference of sheep for foods varying in flavors and nutrients. *Journal of Animal Science* 74:2355-2361.
- Provenza, F.D., J.J. Lynch, E.A. Burritt, and C.B. Scott. 1994. How goats learn to distinguish between novel foods that differ in postingestive consequences. *Journal Chemical Ecology* 20:609-624.
- Provenza, F.D., L. Ortega-Reyes, C.B. Scott, J.J. Lynch, and E.A. Burritt. 1994. Antiemetic drugs attenuate food aversions in sheep *Journal Animal Science* 72:1989-1994.
- Russell, M.L., C.A. Taylor, Jr., C.B. Scott, and E.R. Frierson. 2018. Utilizing patch burning to enhance vegetation management in the southern Great Plains. *Texas Journal of Agriculture and Natural Resources* (submitted).
- Salisbury, M.W., D.F. Waldron, G.R. Engdahl, C.J. Lupton, and C.B. Scott 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* 15:80-86.
- 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* 13:78-81.
- 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.
- Scott, C.B., W.H. Schacht, and C.S. McCown. 1993. Response of herbaceous vegetation to short duration grazing in central west Texas. *Texas Journal of Agriculture and Natural Resources* 6:1-9.
- Scott, C.B., F.D. Provenza, and R.E. Banner. 1995. Dietary habits and social interactions affect choice of feeding location by sheep. *Applied Animal Behaviour Science* 45: 225-237.
- Scott, C.B., W.H. Schacht, C.S. McCown, and S. Hartmann. 1995. Observations of grass community dynamics in short duration grazing systems, West Texas. *Texas Journal of Agriculture and Natural Resources* 8: 1-12.

- Scott, C.B., R.E. Banner, and F.D. Provenza. 1996. Observations of sheep foraging in familiar and unfamiliar environments: familiarity with the environment influences diet selection. *Applied Animal Behaviour Science*. 49:165-171.
- Slater, S.C., D. Rollins, R.C. Dowler, and C.B. Scott. 2001. *Opuntia*: a “prickly paradigm” for quail management in west-central Texas. *Wildlife Society Bulletin* 29:713-719.
- Sluiter, R.S., B.J. May, M.W. Salisbury, C.B. Scott, and G.R. Engdahl, and B.F. Craddock. 2007. Feedlot performance and carcass traits of Texas Rambouillet feeder lambs implanted with growth implants. *Texas Journal of Agriculture and Natural Resources* 20:22-27.
- Straka, E., C.B. Scott, C.A. Taylor, Jr., E. M. Bailey. 2004. Biological control of the toxic shrub juniper. pp. 436-442. *In: Acamovic, T., C.S. Stewart, and T.W. Pennycott (eds.) Poisonous Plants and Related Toxins*. CABI Publishing, London.
- Taylor, B.D. E.K. Lyons, D. Rollins, C.B. Scott, J.E. Huston, and C.A. Taylor. 2013. Consumption of whole cottonseed by white-tailed deer and nontarget species. *Human-Wildlife Interactions* 7:99-106.
- Walker, J.W., E.R. Kott, E.S. Campbell, S. Landau, C.J. Lupton, C.B. Scott, L.Surber, C.A. Taylor, Jr., and W.R Whitworth. 2010. Ch. 5 Fecal NIRS for predicting botanical composition of herbivore diets. *In: J. Walker and D. Tolleson (editors). Shining Light on Manure Improves Livestock and Land Management*. Browning Printing, Inc., Jefferson City, MO. Pp 53-65
- Whitney, T.R., A.E. Lee, D.R. Klein, C.B. Scott, T.M. Craig, J.P. Muir. 2011. A modified *in vitro* larvae migration inhibition assay using rumen fluid and anthelmintic material to evaluate *Haemonchus contortus* viability. *Veterinary Parasitology* 176:217-225.

Presentations at Scientific Meetings

- Anderson, J., C.B. Scott, C.J. Owens. 2010. Juniper consumption by three different breeds of sheep. Society for Range Management, Denver, Co.
- Anderson, J., C.B. Scott, C.J. Owens. 2009. Juniper consumption by three different breeds of sheep. Texas Section Society for Range Management, Beaumont, TX.
- Armke, F.W. and C.B. Scott 1997. Using cattle as dispersal agents of seeds for winter forage plants. Texas Section Society for Range Management Annual Meeting.
- Armke, F.W. and C.B. Scott 1998. Using cattle as dispersal agents of seeds for winter forage plants. Society for Range Management 51:63.

- Bawcom, D.W., B.J. May, D.R. Shelby, G.R. Engdahl and C.B. Scott. 1996. Effect of time of supplemental feeding on condition score and body weight of Angus and Beefmaster cows. *Journal of Animal Science* 74:243 (Suppl 1).
- Bisson, M.G., G.W. Poage III, C.B. Scott, and S. Hartmann. 1997. Activated charcoal reduces bitterweed (*Hymenoxys odorata*) toxicosis in sheep. Texas Section Society for Range Management Annual Meeting.
- Bisson, M.G., G.W. Poage III, and C.B. Scott 1998. Activated charcoal reduces bitterweed (*Hymenoxys odorata*) toxicosis in sheep. *Society for Range Management* 51:22.
- Bisson, M.G. C.B. Scott, C.A. Taylor, Jr., and R.A. Moen. 1998. Can activated charcoal increase intake of redberry and ashe juniper? Texas Section Society for Range Management.
- Bisson, M.G. C.B. Scott, C.A. Taylor, Jr., and R.A. Moen. 1999. Can activated charcoal increase intake of redberry and ashe juniper? *Society for Range Management* 52:5.
- Borroum, Z., C. Scott, and C. Owens. 2012. Intake of salt cedar by two breeds of sheep. Texas Section Society for Range Management, Fredericksburg, Texas.
- Borroum, Z., C. Scott, and C. Owens. 2013. Intake of salt cedar by two breeds of sheep. Society for Range Management, Oklahoma City, Oklahoma.
- Bundick, C.J., C.B. Scott, C.J. Owens, E.S. Campbell, C.A. Taylor, Jr. and R. Brantley. 2008. Will Supplementation With Onions Reduce The Likelihood of Bitterweed Toxicity In Sheep? Texas Section Society for Range Management Annual Meeting, Nacogdoches, Texas.
- Bundick, C.J., C.B. Scott, C.J. Owens, E. S. Campbell, and R. Brantley. 2009. Will Supplementation With Onions Reduce The Likelihood of Bitterweed Toxicity In Sheep? Society for Range Management Annual Meeting, Albuquerque, New Mexico.
- Burris, K.R., C.B. Scott, J.W. Ward, and C.J. Owens. 2016. Restoration of brine impacted soils using halophytes and soil disturbance in West Texas. Texas Section Society for Range Management, Uvalde, Texas
- Burris, K.R., C.B. Scott, J.W. Ward, and C.J. Owens. 2017. Toleration levels of Halophyte plant species as a means for reclaiming saline soils. Society for Range Management, St. George, Utah.

- Campbell, E., B. Taylor, C. Lupton, D. Waldron, J. Walker, C. Scott, and T. Dietz. 2005. Environment: maximizing your genetics. Sheep and Goat Field Day, San Angelo, Texas.
- Carter, P.S., D. Rollins, and C.B. Scott. 2002 Initial effects of prescribed burning on survival and nesting success of northern bobwhites in west-central Texas. Proceedings of the National Quail Symposium 5:129-134.
- Cave, K., C. Scott, and C. Owens. 2010. Preference and nutritional quality of different varieties of onions. Society for Range Management, Denver, Co.
- Cave, K., C. Scott, and C. Owens. 2009. Preference and nutritional quality of different varieties of onions. Texas Section Society for Range Management, Beaumont, TX.
- Coburn, C.A., B.J. May, D.R. Shelby, G.R. Engdahl and C.B. Scott. 1996. The effects of penned versus pasture feeding on cortisol levels in weaned Angus bulls Journal of Animal Science 74:127 (Suppl 1).
- Coffman, M., C. Scott, and C. Owens. 2010. The effects of protein supplementation on bitterweed toxicosis in sheep. Society for Range Management, Denver, Co.
- Coffman, M., C. Scott, and C. Owens. 2009. The effects of protein supplementation on bitterweed toxicosis in sheep. Texas Section Society for Range Management, Beaumont, TX.
- Cook, R.W. and C.B. Scott. 2004. Will consumption of mesquite pods induce toxicosis in Goats? Texas Section Society for Range Management Annual Meeting, Kerrville.
- Cook, R.W. and C.B. Scott. 2005. Will consumption of mesquite pods induce toxicosis in goats? Society Range Management, Fort Worth, Texas. 58:64.
- Deeds, B.E. and C.B. Scott. 2005. Interaction of tannins and saponins in the ruminant diet. Society Range Management, Fort Worth, Texas. 58:77.
- Dietz, T.H., C.B. Scott, C.A. Taylor, Jr., and E.J. Campbell. 2006. Feeding redberry juniper (*Juniperus pinchottii*) at weaning increases juniper consumption on pasture. Society for Range Management, Fort Worth, Texas.
- 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. Journal of Animal Science 85:173, Supplement 2.

- Dunson, W.T., C.B. Scott, E.J. Campbell, C.A. Taylor, Jr., M.A. Carr, and T.R. Calloway. 2004. Is rumen function responsible for detoxifying terpenoids in redberry juniper? Texas Section Society for Range Management Annual Meeting, Kerrville.
- Dunson, W.T., C.B. Scott, E.J. Campbell, C.A. Taylor, Jr., M.A. Carr, and T.R. Calloway. 2005. Is rumen function responsible for detoxifying terpenoids in redberry juniper? Society Range Management, Fort Worth, Texas 58:97.
- Ellis, C.R., and C.B. Scott. 2001. Sustainable juniper control by goats in west central Texas. Texas Section of the Society for Range Management Annual Meeting.
- Ellis, C.R. and C. Scott. 2003. Hand-spray formulations for controlling mesquite. GLCI meeting, Nashville.
- Ellis, C.R., C.B. Scott, C.A. Taylor, Jr., and D.F. Waldron. 2003. Sustainable juniper control by goats in west central Texas. Society for Range Management #70.
- Foust, M. W. Bond, M. Dunlap, J.W. Ward, and C.B. Scott. 2016. Restoration of brine water impacted soils using native halophyte in west Texas. South Central GSA.
- Frost, J.B., C.B. Scott, D. Rollins, and K.A. Cearley. 1998. Does strategic trapping improve nesting success of bobwhite quail? Texas Section Society for Range Management Annual Meeting.
- Frost, J.B., C.B. Scott, D. Rollins, and K.A. Cearley. 1999. Strategic mesomammal population control to increase bobwhite nesting success. Texas Section Society for Range Management Annual Meeting.
- Frost, J.B., C.B. Scott, D. Rollins, and K.A. Cearley. 2000. Strategic mesomammal population control to increase bobwhite nesting success. Society for Range Management 53:1.
- Frost, R.A., and C.B. Scott. 1999. The effect of genetic characteristics and experiences early in life on bitterweed consumption by sheep. Texas Section Society for Range Management Annual Meeting.
- Frost, R.A., and C.B. Scott. 2000. The effect of genetic characteristics and experiences early in life on bitterweed consumption by sheep. Society for Range Management 53:49.
- 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 #C-13. 64th Society for Range Management Annual Meeting, Billings, Montana.

- Fuchs, D.K., C.B. Scott, M.W. Salisbury, and C.J. Owens. 2010. The Effects of Bitterweed Ingestion on Reproduction in Rambouillet Rams. Texas Section Society for Range Management Annual Meeting.
- Garcia, R.A., C.B. Scott, and C.J. Owens. 2011. Will supplementation improve salt cedar intake by goats? Texas Section Society for Range Management Annual Meeting, San Angelo, Texas.
- George, C., C.B. Scott, C.A. Taylor, Jr., C.J. Owens, M.W. Salisbury, and B.J. May. 2008. Effects of protein supplementation on juniper consumption by goats Society for Range Management 61:1898.
- George, C., C.B. Scott, C.A. Taylor, Jr., C.J. Owens, M.W. Salisbury, and B.J. May. 2007. Effects of protein supplementation on juniper consumption by goats. Texas Section Society for Range Management Annual Meeting.
- Howery, L.D., F.D. Provenza, R.E. Banner, and C.B. Scott. 1995. The influence of mothers and peers in determining the location and habitat use patterns of individuals in a cattle herd. Society for Range Management 48:28.
- Jackson, J.R., C.B. Scott, and C.J. Owens. 2010. Control of prickly pear using three different herbicide mixtures. Texas Section Society for Range Management Annual Meeting, Odessa, Texas.
- Jackson, J., D. Steele, C. Scott, and C. Owens. 2011. Does protein supplementation improve juniper consumption by cross-bred lambs? Texas Section Society for Range Management Annual Meeting, San Angelo, Texas.
- Jackson, J., C. Scott, C. Owens, and C. Taylor, Jr. 2012. Maternal influence on juniper consumption in Boer-cross goats. Texas Section Society for Range Management, Fredericksburg, Texas.
- Jackson, J., C. Scott, C. Owens, and C. Taylor, Jr. 2013. Maternal influence on juniper consumption in Boer-cross goats. Society for Range Management, Oklahoma City, Oklahoma.
- Klein, D.R., T.R. Whitney, C.B. Scott, and C.J. Owens. 2010. Evaluating the effects of juniper on internal parasite viability in goats. Society for Range Management, Denver, Co.
- Klein, D.R., T.R. Whitney, C.B. Scott, and C.J. Owens. 2009. Evaluating the effects of juniper on internal parasite viability in goats. Texas Section Society for Range Management, Beaumont, TX.

- Kneuper, C.L. and C.B. Scott. 1998. Cattle consumption of mesquite (*Prosopis glandulosa*) fruit affects germination of mesquite seedlings. Texas Section Society for Range Management Annual Meeting.
- Kneuper, C.L., C. B. Scott, and W.E. Pinchak. 1999. Intake and survival rates of mesquite (*Prosopis glandulosa*) seeds by three species of livestock. Texas Section Society for Range Management Annual Meeting.
- Kneuper, C.L., C. B. Scott, and W.E. Pinchak. 2000. Intake and survival rates of mesquite (*Prosopis glandulosa*) seeds by three species of livestock. Society for Range Management 53:51.
- Knight, C.W., C.B. Scott, and C.J. Owens. 2011. Salt cedar consumption and performance by goats fed increasing amounts of salt cedar. Texas Section Society for Range Management Annual Meeting, San Angelo, Texas.
- Knight, C, C. Scott, C. Owens, and T. Whitney. 2013. Changes in intake and nutritional quality of salt cedar. Society for Range Management, Oklahoma City, Oklahoma.
- Kuhlmann, K.K., D.R. Shelby, C.B. Scott, B.J. May, and G.R. Engdahl. 1998. The use of an electronic estrous detection system to monitor estrous behavior in Angus females of various ages. Journal of Animal Science (Suppl 1) 76:271.
- Laxson, J.D., W.H. Schacht, C.B. Scott, and B. Herrington. 1992. Control of honey mesquite with low-volume basal applications of triclopyr at four rates and three seasons. Texas Section Society for Range Management Annual Meeting.
- Lewis, S.J., B.J. May, G.R. Engdahl, D.F. Waldron, C.B. Scott and D.R. Shelby. 1997. Feedlot performance and carcass traits of Boer goat crosses and Spanish male kids. Journal of Animal Science (Suppl 1) 75:275.
- Lyons, E.K., J. Frost, D. Rollins, B. Taylor, C. Scott. 2006. An evaluation of short-term mesocarnivore control for increasing hatch rate in northern bobwhites (*Colinus virginianus*). Gamebird Proceedings.
- May, B.J., M.T. Schafer, D.R. Shelby, G.R. Engdahl, and C.B. Scott. 1998. Effect of poultry by-product meal on performance of weaned Angus bulls. Journal of Animal Science (Suppl 1) 76:253.

- McEachern, J.K., T.R. Whitney, C.B. Scott, and M.G. Williamson. 2010. Substituting distiller's dried grains for cottonseed meal in lamb finishing diets: carcass characteristics, meat fatty acid profiles, and sensory panel traits. Western Section Meeting, American Society of Animal Science.
- McMillan, Z., C.A. Taylor, Jr., and C.B. Scott. 1999. Using goats as a biological control of prickly pear. Texas Section of the Society for Range Management Annual Meeting.
- McMillan, Z., C.A. Taylor, Jr., and C.B. Scott. 2000. Using goats as a biological control of prickly pear. Society for Range Management 53:52.
- Menchaca, M., C.B. Scott, K. Braden, L. Branham, and C.J. Owens. 2008. Effect of Juniper Consumption on Meat Quality in Meat Goats. Texas Section Society for Range Management Annual Meeting, Nacogdoches, Texas.
- Menchaca, M., C.B. Scott, K. Braden, L. Branham, and C.J. Owens. 2009. Effect of Juniper Consumption on Meat Quality in Meat Goats. Society for Range Management Annual Meeting, Albuquerque, New Mexico.
- Miller, C.S., C.B. Scott, and C.J. Owens. 2016. Preconditioning procedures and supplementation to increase redberry juniper consumption by goats. Texas Section Society for Range Management, Uvalde, Texas.
- Miller, C.S., C.B. Scott, and C.J. Owens. 2017. Preconditioning procedures and supplementation to increase redberry juniper consumption by goats. Society for Range Management, St. George, Utah.
- Munoz, A., C.B. Scott, C.J. Owens, and C.H. George. 2008. Consumption of Salt Cedar and Willow Baccharis by Boer-cross Goats. Texas Section Society for Range Management Annual Meeting, Nacogdoches, Texas.
- Munoz, A., C.B. Scott, C.J. Owens, and C.H. George. 2009. Consumption of Salt Cedar and Willow Baccharis by Boer-cross Goats. Society for Range Management Annual Meeting, Albuquerque, NM.
- Nevins, J.W., D.A. Steele, L.A. Branham, C.B. Scott, and C.J. Owens. 2011. Prevalence of antibiotic resistant pathogens in feral hogs of Texas. Texas Section Society for Range Management Annual Meeting, San Angelo, Texas.
- Owens, C.J., C.B. Scott, M.W. Salisbury, and C.A. Taylor, Jr. 2007. Does juniper consumption by pregnant goats cause reproductive failure and/or reduction in neonatal viability. WERA 039. Corvallis, Oregon.

- Owens, C.J., C.B. Scott, M.W. Salisbury, and C.A. Taylor, Jr. 2008. Juniper consumption does not cause abortions or reduce neonatal viability in Boer-cross goats. *Society for Range Management* 61:1273.
- Owens, C.J., C.B. Scott, M.W. Salisbury, and C.A. Taylor, Jr. 2007. Juniper consumption does not cause abortions or reduce neonatal viability in Boer-cross goats. Texas Section Society for Range Management Annual Meeting.
- Pentecost, R.A. and C.B. Scott. 1998. Effects of dosing with different types of activated charcoal on prevention of bitterweed toxicosis and consumption of two nontoxic foods. Abstr. Texas Section Society for Range Management Annual Meeting.
- Pentecost, R.A., C.B. Scott, C.L. Kneuper, and J.B. Frost. 1999. Effects of dosing with different types of activated charcoal on prevention of bitterweed toxicosis and consumption of two nontoxic foods. *Society for Range Management* 52:62.
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- Poage, G.W. and C.B. Scott. 1996. Can activated charcoal bind the toxins in bitterweed? Texas Section Society for Range Management Annual Meeting.
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- Reyna, F. C. Scott, and C. Ellis. 2003. Efficacy and cost of the stem and leaf spray techniques on the Angelo State University Ranch. GLCI meeting, Nashville.
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- Roger, G. C. Scott, and C. Owens. 2013. The effects of repeated goat browsing on salt cedar. Society for Range Management, Oklahoma City, Oklahoma
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- Scott, C.B., F.D. Provenza, and R.E. Banner. 1994. Sheep with different dietary habits forage in separate locations. Society for Range Management 47:44-45.
- Scott, C.B., F.D. Provenza, and R.E. Banner. 1995. Does familiarity with the environment influence choice of foraging locations by sheep? Society for Range Management 48:56-57.
- Scott, C.B., R.E. Banner, and F.D. Provenza. 1996. Observations of cattle grazing behavior in the Sawtooth National Forest: Implications for management. Society for Range Management 49:68-69.

- Scott, C.B., T.H. Dietz, and C. Taylor. 2006. Increasing consumption of juniper by goats through exposure at weaning. Invited Presentation, Western Extension, Research, and Academic Coordinating Committee 039, San Angelo, Texas.
- Scott, C.B. 2017. Drought management in the southwestern U.S. Texas Section Society for Range Management Meeting, San Angelo, Texas.
- Self, J.M., M.W. Salisbury, B.J. May, G.R. Engdahl, C.B. Scott, R. Horst. 2005. Vitamin D supplementation in fall born Rambouillet lambs raised on small grain pastures. Western Section Meeting, American Society of Animal Science.
- Steele, D.K., C.B. Scott, and C.J. Owens. 2012. Feeding specific amino acids to improve juniper consumption. Society for Range Management, Fredericksburg, Texas.
- Stultz, J.R., B.J. May, G.R. Engdahl, M.A. Carr, C.B. Scott, R.L. Reed. 2001. Feedlot performance and carcass characteristics of Texas Rambouillet feeder lambs implanted with Zeranol implants. Western Section Meeting, American Society of Animal Science.52:223-227.
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- Tidwell, K., C. Scott, C. Taylor, Jr., J. Walker, and C. Owens. 2011. Will super juniper-eating sires produce super juniper-eating offspring? Texas Section Society for Range Management Annual Meeting, San Angelo, Texas.
- Whitney, T.R., D.R. Klein, A.E. Lee, C.B. Scott, and T.M. Craig. 2010. A modified *in vitro* larvae migration inhibition assay using rumen fluid to evaluate *H. contortus* viability. Western Section Meeting, American Society of Animal Science.
- Whitworth, W.R.; C.B. Scott, J.W. Walker, C.A. Taylor, Jr., B.S. Engdahl, C.J. Lupton. 2003. Sources of variation for fecal NIRS equations for predicting percent juniper in goat diets. Society for Range Management. #317.

Recognition

- Gary and Pat Rogers Distinguished Faculty Award, 2017
- ASU Alumni Distinguished Faculty, 2017
- Professor of the Year, College of Sciences, 2009 Rammy Award.

- Wall of Honor, Colorado High School, 2009, Colorado ISD
- Outstanding Young Range Professional. 2008. Society for Range Management.
- Outstanding Young Range Professional. 2007. Texas Section of Society for Range Management. Friend of Conservation. 2007 Region II Soil and Water Conservation Service.
- Outstanding Leadership in the field of Agricultural Education. 2007. Tom Green Soil & Water Conservation Service.
- Teaching Assistant of the Year. 1995. Utah State University College of Natural Resources
- Future Farmers of America Degree of American Farmer. 1988.

Professional Leadership

- President, Texas Section Society for Range Management (TSSRM), 2015
- First Vice President, TSSRM (2014)
- Second Vice President, TSSRM 2013
- Director TSSRM, 2005-2007
- Weed and Brush Symposium Chair, 2013
- GLCI Technical Committee Chair, 2005-2011
- Planning Committee Meeting Chair TSSRM, 2012, 2015, 2017
- Nominations and Elections Committee Chair, 2010
- Publication Committee Chair TSSRM, 2010
- College Activities Chair TSSRM, 2001
- Young Professionals Committee Chair TSSRM, 2001

Community Leadership

- Region II Wildlife Contest Chair, 2001-present
- State Wildlife Contest Chair, 2008, 2013, 2017
- San Angelo Stock Show and Rodeo (SASSR) Wildlife Contest Chair, 2001-present
- SASSR Calf Scramble Chair, 2009-present
- Veribest ISD School Board Secretary, 1999-2000
- Veribest ISD School Board Vice President, 2000-2001

University Leadership

- Author, Program Prioritization, 2012
- Graduate School Self Study, 2012-13
- Institutional Animal Care and Use Committee Chair, 2009-present
- Graduate Council, 1996-present
- Co-author, Program Review, 2006
- Editor ASU MIR Center Progress Report, 1996-2012
- Department Coordinator for Institutional Effectiveness, 1997-2010
- Graduate Advisor, 1996-present; Over 40 thesis projects

- Research Enhancement Program Chair, 2012-2013
- Tenure and Promotion Committee, 2005-06, 2011-present
- Academic Master Plan Committee, 2009
- Faculty Development and Enrichment Committee Chair, 2004-05
- Institutional Effectiveness Self Study Chair, 1999-2001
- Self Study Steering Committee, 1999-2001

Other Committee Service, Angelo State University

- Selection Committee for Ass. Professor of Animal Science, 2002, 2006, 2013
- Selection Committee for Ass. Professor of Agricultural Economics, Chair, 2013
- Selection Committee for Agricultural Specialist, 2001
- Selection Committee for Med-Surg Faculty Search, Nursing, 2003
- Selection Committee for Agricultural Education , 2010
- Committee on Committees, 2008-2009
- Ad hoc committee to identify Goals for General Education, 2008
- Institutional Effectiveness, 1996-2003
- Student Concerns Committee, 1999-2005
- Research Enhancement Committee 2010-present

Other Committee Service, Scientific Associations

- Outstanding Contributions to Range Management, 2001
- Awards Committee, TSSRM, 2003
- Selection Committee, Assistant Professor of Ruminant Nutrition, Texas Agricultural Experiment Station, San Angelo, Texas, 2004
- Reviewer, Journal of Rangeland Ecology and Management, 1995-present
- Reviewer, USDA-ARS Poisonous Plant Research, 1995-2009
- Reviewer, Journal of Arid Environments, 2004

Other Community Service

- Range and Pasture Plant Judging Contest Committee, San Angelo Stock Show Association, 1997-present.
- Livestock Judging Contest, San Angelo Stock Show, Committee member, 2000-present
- Meat Judging Contest, San Angelo Stock Show, Committee member, 2006
- District Meat Judging Contest, Member, 2006-present
- District 4-H Livestock Judging Contest, 2006-present
- Coleman Co. Horse Judging Contest, 2010
- Wildlife Contest, Abilene, Texas 2009-2010
- Consumer Decision Making Contest, SASSR 2010-present
- Veribest Agriculture Booster Club Member, 2005-2008

Professional Organization Membership

- National Rifle Association
- Society for Range Management
- Texas Sheep and Goat Raiser's Association
- Texas Wildlife Association