

## PUBLICATIONS

### **Cornell University - NY**

Holler, T. L., M. Dean, T. Taylor, D. H. Poole, M. L. Thonney, D. L. Thomas, J. L. Pate, N. Whitley, R. A. Dailey, and E. K. Inskeep. 2014. Effects of service sire on prenatal mortality and prolificacy in ewes. *J. Anim. Sci.* 92:3108-3115, doi: 10.2527/jas.2013-7489

### **Dale Bumper Small Farms Research Center, USDA, ARS - Booneville, AR**

- Kommuru, D.S., Whitley, N.C., Miller, J.E., Mosjidis, J.A., Burke, J.M., Gujja, S., Mechineni, A., Terrill, T.H., 2015. Effect of sericea lespedeza leaf meal pellets on adult female *Haemonchus contortus* in goats. *Vet. Parasitol.* 207, 170-175.
- Acharya, M., Burke, J.M., Coffey, K.P., Kegley, E.B., Miller, J.E., Huff, G.R., Smyth, E., Terrill, T.H., Rosenkrans, C. Jr., 2015. Changes in hematology and serum biochemical profiles in lambs fed sericea lespedeza. *J. Anim. Sci.* (In Press).
- Donoghue, D.J., Mays, A.R., Goodwin, H.L., Hale, M., Spencer, T., O’Gorman, M., Jose, S., Burke, J.M., Donoghue, A., 2014. Armed to farm: Developing training programs for military veterans in agriculture. *J. Rural Soc. Sci.* 29, 82-93.
- Mechineni, A., Kommuru, D.S., Gujja, S., Mosjidis, J.A., Miller, J.E., Burke, J.M., Ramsay, A., Mueller-Harvey, I., Kannan, G., Lee, J.H., Kouakou, B., Terrill, T.H., 2014. Effect of fall-grazed sericea lespedeza (*Lespedeza cuneata*) on gastrointestinal nematode infections of growing goats. *Vet. Parasitol.* 204, 221-228.
- Kommuru, D.S., Barker, T., Desai, S., Burke, J.M., Ramsay, A., Mueller-Harvey, I. Miller, J.E., Mosjidis, J.A., Kamisetti, N., Terrill, T.H., 2014. Use of pelleted sericea lespedeza (*Lespedeza cuneata*) for natural control of coccidia and gastrointestinal nematodes in weaned goats. *Vet. Parasitol.* 204, 191-198.
- Burke, J.M., Miller, J.E., Terrill, T.H., Mosjidis, J.A., 2014. The effects of supplemental sericea lespedeza pellets in lambs and kids on growth rate. *Livest. Sci.* 159, 29-36.

### **Louisiana State University – Baton Rouge, LA**

#### **Journal articles**

- Burke, J.M., Miller, J.E., Terrill, T.H., Mosjidis, J.A., 2014. The effects of supplemental sericea lespedeza pellets in lambs and kids on growth rate. *Livestock Sci* 159, 29–36.
- Whitley, N.C., Oh, S-H., Lee, S.J., Schoenian, S., Kaplan, R.M., Storey, B., Terrill, T.H., Mobini, S., Burke, J.M., Miller, J.E., Perdue, M.A., 2014. Impact of integrated gastrointestinal parasite management training for U.S. goat and sheep producers. *Vet Parasitol* 200, 271-275.
- Kommuru, D.S., Barker, T., Desai, S., Burke, J.M., Ramsay, A., Mueller-Harvey, I., Miller, J.E., Mosjidis, J.A., Kamisetti, N., Terrill, T.H., 2014. Use of pelleted sericea lespedeza (*Lespedeza cuneata*) for natural control of coccidia and gastrointestinal nematodes in weaned goats. *Vet Parasitol* 204, 191-198.
- Mechineni, A., Kommuru, D.S., Gujja, S., Mosjidis, J.A., Miller, J.E., Burke, J.M., Ramsay, A.,

- Mueller-Harvey, I., Kannan, G., Lee, J.H., Kouakou, B., Terrill, T.H., 2014. Effect of fall-grazed sericea lespedeza (*Lespedeza cuneata*) on gastrointestinal nematode infections of growing goats. *Vet Parasitol* 204, 221-228.
- Cherry, N.M., Bullinger, M., Lambert, B.D., Muir, J.P., Whitney, T.W., Miller, J.E., Sawyer, J.T., 2014. Feeding panicled tick-clover to growing goats reduces *Haemonchus contortus* infection without negative effects on growth. *J Appl Anim Nutr* 2, 1-7.
- Villalba, J.J., Miller, J., Ungar, E.D., Landau, S.Y., Glendinning, J., 2014. Ruminant selfmedication against gastrointestinal nematodes: evidence, mechanism, and origins. *Parasite* 21,31.
- Egea, A.V., Hall, J.O., Miller, J., Spackman, C, Villalba, J.J., 2014. Reduced neophobia during parasitic infection: A potential mechanism explaining the emergence of self-medicative behavior in sheep. *Physiol Behav* 135, 189-197.

### **Proceedings**

- Acharya, M., Burke, J.M., Miller, J.E., Terrill, T.H., Smyth, E., Coffey, K, Rosenkrans, C., 2014. Changes in trace minerals in lambs fed sericea lespedeza (SL) and administered sodium molybdate. *Proc USDA SCC-81*, 22.
- Burke, J.M., Notter, D.R., Miller, J.E., Morgan, J., Acharya, M., Smyth, E., 2014. Factors affecting resistance to gastrointestinal nematodes in peri-parturient Katahdin ewes and their offspring. *Proc USDA NCERA-214*, 67-68.
- Notter, D. R., Burke, J.M., Miller, J.E., Morgan, J.L.M., 2014. Factors affecting susceptibility to gastrointestinal nematode parasites in periparturient Katahdin ewes and their lambs. *Proc. XLI Reunión de la Asociación Mexicana para la Producción Animal y Seguridad Alimentaria y VII Reunión Nacional Sobre Sistemas Agro y Silvopastoriles*, Mérida, Yucatán, Mexico, July 2-4, Universidad Autónoma de Yucatán, Mérida.
- Garza, J., Miller, J., 2014. Evaluation of immune responses during *Haemonchus contortus* worm expulsion in Gulf Coast Native and Suffolk sheep. *Proc 59th Ann Meet Amer Assoc Vet Parasitol*, 47.
- Kelly, V., Miller, J., 2014. Direct and indirect effects of copper oxide wire particles on *Haemonchus contortus* infections in small ruminants. *Proc 59th Ann Meet Amer Assoc Vet Parasitol*, 48.

### **Michigan State University**

#### **Articles:**

- Ehrhardt, R.A. 2015. Status and Description of Sheep Production Study Groups in North America: Results of a National Survey. Report submitted to the American Sheep Industry Productivity Improvement Committee. Reno, Nevada.
- Ehrhardt R.A. 2015. New findings on the genetic basis for small ruminant lentiviral disease susceptibility offers a genetic approach for disease control. *Proceedings of the Michigan Veterinary Conference*, East Lansing, MI.
- Ehrhardt, R.A. "Improving parasite management with annual crops." 2015. American Consortium for Small Ruminant Parasite Control website  
<http://www.wormx.info/Resources/Topics/Ehrhardt2015.html>
- Ehrhardt, R.A. "Optimizing indoor lambing management." 2015. *Michigan Shepherd News*.
- Ehrhardt, R.A. "2014 Great Lakes Sheep for Profit Program highlights innovative production

- practices.” 2015. Michigan Farmer News.
- Ehrhardt, R.A. “Is there any value in finishing lambs on pasture ?” A 2 year evaluation of annual and perennial grazing systems for lamb production in the Upper Midwest. 2014. Michigan Shepherd News.
- Ehrhardt, R.A. “Do sheep always need access to fluid water source?” 2014. Michigan Shepherds News.
- Ehrhardt R.A. 2014. Key concepts for sustainable parasite management in an era of drug resistance. Proceedings of the MSU Small Ruminant Health Symposium. East Lansing, MI.
- Ehrhardt R.A. 2014. Lessons learned from the field: Feeding programs for large sheep farms. Proceedings of the MSU Small Ruminant Health Symposium. East Lansing, MI.

### **Invited presentations:**

- Ehrhardt, R. A. (Presentor and Author). “Critical control points for lamb survival.” Ontario Sheep Marketing Agency Master Shepherd's Program, Markham, Ontario, March 2015.
- Ehrhardt, R. A. (Presentor and Author). Keynote address. “Improving whole farm forage utilization for sheep and goat production”. Grey Bruce Farmer’s Day Program. Elmwood, Ontario. January 2015.
- Ehrhardt, R. A. (Presentor and Author). “Optimal nutritional management targets for the transition ewe: Lessons learned in the lab and field.” Grey Bruce Farmer’s Day Program. Elmwood, Ontario, January 2015.
- Ehrhardt, R. A. (Presentor and Author). “Ovine progressive pneumonia (Maedi Visna): Production impact and eradication programs.” Michigan Veterinary Conference, Lansing, MI, January 2015
- Ehrhardt, R. A. (Presentor and Author). “What can US producers learn from New Zealand sheep farming systems.” Shepherd’s Weekend 2015.
- Ehrhardt, R. A. (Presentor and Author). Keynote address. “Michigan sheep farming innovations for 2014.” Shepherd’s Weekend 2015.
- Ehrhardt, R. A. (Presentor and Author). “Chronic diseases for sheep and goats: control and eradication programs.” Missouri Livestock Symposium, Kirksville, MO, Dec. 2014
- Ehrhardt, R. A. (Presentor and Author). “Chemical control strategies for parasite management: Striking a balance between short and long term control” Missouri Livestock Symposium, Kirksville, MO, Dec. 2014.
- Ehrhardt, R. A. (Presentor and Author). Keynote address. “Efficient feeding systems for sheep” Missouri Livestock Symposium, Kirksville, MO, Dec. 2014
- Ehrhardt, R. A. (Presentor and Author). "Management and Records - What are Important Records to keep to make Key Management Decisions for your Sheep Flock or Goat Herd?" Ohio Sheep Improvement Association Webinar Series, Feb. 2014.
- Ehrhardt, R. A. (Presentor and Author). “Parasite management in commercial sheep farming systems in the Great Lakes region of North America.” Ontario Sheep Marketing Agency Master Shepherd's Program, Dec. 2014
- Ehrhardt, R. A. (Presentor and Author). “Accelerated lamb production: an opportunity to build markets and increase production efficiency.” American Sheep Industry Let's Grow Webinar Series. Sept. 2014. <http://www.optimalag.com/sheepblog/?p=436>
- Ehrhardt, R. A. (Presentor and Author). “Winter feeding systems for sheep and goats.” Northern Michigan Lamb and Wool Educational Symposium. Sept 2014

Ehrhardt, R. A. (Presentor and Author). "What can US sheep producers learn from New Zealand sheep farming systems?" American Sheep Industry Association Productivity Improvement Committee Meeting. Denver, CO, May 2014

Ehrhardt, R. A. (Presentor and Author). "Preventative management strategies to impact lamb mortality in high and low input sheep management systems." United States Meat Animal Research Center Seminar. Hastings, NB, Feb. 2014.

## **South Dakota State University**

### ***Refereed Publications (external peer reviewed)***

Redding, P.L., J. E. Held, C.L. Wright and J.A. Clapper. 2014. Effect of fat source on growth performance and carcass characteristics of growing lambs. *Sheep and Goat Journal* Vol. 29: 45-50.

### ***Refereed Publications (internal peer reviewed)***

Held, J.E. 2014. 2014 South Dakota State University – Sheep Research Report. Chapters 1 to 12 (p. 1-37).

### ***Non-Refereed Publications (internal peer reviewed)***

Redding, P.L., J.E. Held\* and C. Wright. 2014. Effect of supplemental fat source on growth performance and carcass characteristics of growing lambs. Proceedings of the 2014 NCERA-214 coordinating committee.

Redding, P.L., C. Wright and J.E. Held\*. 2014. Effect of total tract nutrient digestibility, ruminal pH, and ruminal fermentation in wether lambs. Proceedings of the 2014 NCERA-214 coordinating committee.

### ***Book Chapters***

Held, J.E. 2014. The US Sheep Industry: Tradition and Innovative Future. *Livestock & Poultry: Farming with a Future. Publisher Flanagan State Bank-Gridley, IL p.213-217.*

Held, J.E. 2014. Traits and Characteristics of a Success Sheep Operation. *Livestock & Poultry: Farming with a Future. Publisher Flanagan State Bank-Gridley, IL p. 218-221.*

### ***Extension Publications - Electronic***

#### **iGrow Sheep Publications –SDSU Extension iGrow (web based)**

##### **Newsreleases and Articles:**

- 2014 Lamb Bonanza set for Saturday January 18
- SDSU Fourth Annual Hampshire Sheep Sale
- S.D. Sheep Growers Convention
- Sheep Growers Benefit During 77th Convention
- 2014 Master Lamb Producers Announced
- Sheep Shearing School Set for December
- 2013-24 Dakota Fall Ram Test
- 2014 Master Lamb Producers Announced
- 2014 SDSU Sheep Shearing School Dec 10-12, Brookings, SD

**iGrow sheep radio** - 3 interviews

**iGrow sheep video (YouTube)**

Views (1-1-14) Views (1-1-15)

Dec 2012 - Ewe Flock Management 193 863

Dec 2012 - Enhancing Wool Value 64 95

Nov 2013 - Unique Lambing Equipment 92 773

Nov 2013 - Pre-weaning Lamb and Ewe Management 63 789  
114

Apr 2014 - Newborn Lambing Management NA 99

### ***Extension Outreach - Presentations***

Redding, P.L., J.E. Held\* and C. Wright. 2014. Effect of supplemental fat source on growth performance and carcass characteristics of growing lambs. Proceedings of the 2014 NCERA-214 coordinating committee. June 2014.

Redding, P.L., C. Wright and J.E. Held\*. 2014. Effect of total tract nutrient digestibility, ruminal pH, and ruminal fermentation in wether lambs. Proceedings of the 2014 NCERA-214 coordinating committee. June 2014.

Held, J.E. 2014. 2014 South Dakota Master Lamb Producers Awards Program Highlights. SDSGA Annual Convention September 27, 2014. Brookings, SD

Held, J.E. 2014. SDSU Research Program Summary. SDSGA Annual Convention September 27, 2014. Brookings, SD.

### **Invited Regional and National Presentations**

Held, J.E. 2014. Co-Product Feed Ingredients for Ewe and Lamb Diets. 6th Annual Arlington Sheep Day. March 15, 2014 - Madison, WI

Held, J.E. 2014. On-Farm Management Practices to Reduce Live Weight Shrink Loss in Finished Lambs. March 15, 2014 - Madison, WI

Held, J.E. 2014. Managing Market Lambs to Minimize Shrink. N.W. Iowa Sheep Producers Annual Education Program – Lamb Feedlot. Hartley, IA December 9, 2014.

### **Texas A&M AgriLife Research**

#### **Abstract:**

Waldron, D.F. 2014. Genetic selection for enhanced production efficiency. J. Anim. Sc. 92, ESuppl. 2:369(Abstr.).

#### **Research Publications:**

Waldron, D.F.. 2015 Improvement of sheep through selection of performance-tested and progeny-tested breeding animals. Texas A&M AgriLife Res. San Angelo. Rep. 2015-1.  
(<http://sanangelo.tamu.edu/performance-tests/ram-performance-test/>)

Waldron, D.F. 2015. Sire summary of ram test performance (1995 – 2015). Texas A&M

AgriLife Res. San Angelo. Rep. 2015-2. (<http://sanangelo.tamu.edu/performance-tests/ram-performance-test/>)

## **University of Rhode Island**

### **Journal Articles**

The effect of vitamin E supplementation on an experimental *Haemonchus contortus* infection in lambs. 2014. De Wolf, B.M.\*, Zajac, A.M., Hoffer, K.A., Sartini, B.L., Bowderidge, S., LaRoith, T., **Petersson, K.H.** Vet Parasitol. 205:140-149.

### **Abstracts**

- Barone, C., Ferguson, S., Brown, R., Zajac, A., Reed, J., Petersson, K. Anthelmintic efficacy of commercial and seed varieties of birdsfoot trefoil against *Haemonchus contortus*. AAVP 2015 Annual Meeting in Boston, MA, July 11-14, 2015.

### **Videos**

- *Why and How To Do FAMACHA Scoring*. This material is based on funding from the Northeast Sustainable Agriculture Research and Education Program Project LNE10-300, which is supported by the National Institute of Food and Agriculture, U.S. Department of Agriculture. This work is also based on funding from the Rhode Island Agricultural Experiment Station (RI00H-900-INT). This is contribution number 5405 of the College of the Environment and Life Sciences, University of Rhode Island. October 2014.
- *Why and How To Do Sheep and Goat Fecal Egg Counts*. This material is based on funding from the Northeast Sustainable Agriculture Research and Education Program Project LNE10-300, which is supported by the National Institute of Food and Agriculture, U.S. Department of Agriculture. This work is also based on funding from the Rhode Island Agricultural Experiment Station (RI00H-900-INT). This is contribution number 5406 of the College of the Environment and Life Sciences, University of Rhode Island. October 2014.

## **Factsheets**

- *Why and How To Do FAMACHA Scoring*: This material is based on funding from the Northeast Sustainable Agriculture Research and Education Program Project LNE10-300, which is supported by the National Institute of Food and Agriculture, U.S. Department of Agriculture. This work is also based on funding from the Rhode Island Agricultural Experiment Station (RI00H-900-INT). This is contribution number 5413 of the College of the Environment and Life Sciences, University of Rhode Island. October 2014.
- *Why Do Sheep and Goat Fecal Egg Counts*: This material is based on funding from the Northeast Sustainable Agriculture Research and Education Program Project LNE10-300, which is supported by the National Institute of Food and Agriculture, U.S. Department of Agriculture. This work is also based on funding from the Rhode Island Agricultural Experiment Station (RI00H-900-INT). This is contribution number 5414 of the College of the Environment and Life Sciences, University of Rhode Island. October 2014.
- *How To Do The Modified McMaster Fecal Egg Counting Procedure*: This material is based on funding from the Northeast Sustainable Agriculture Research and Education Program Project LNE10-300, which is supported by the National Institute of Food and Agriculture, U.S. Department of Agriculture. This work is also based on funding from the Rhode Island Agricultural Experiment Station (RI00H-900-INT). This is contribution number 5415 of the College of the Environment and Life Sciences, University of Rhode Island. October 2014.

## **University of Wisconsin-Madison**

### Journal Articles:

Holler, T. L., M. Dean, T. Taylor, D. H. Poole, M. L. Thonney, D. L. Thomas, J. L. Pate, N. Whitley, R. A. Dailey, and E. K. Inskeep. 2014. Effects of service sire on prenatal mortality and prolificacy in ewes. *J. Anim. Sci.* 92:3108–3115.

Ferreira, V. C., G. J. M. Rosa, Y. M. Berger, D. L. Thomas. 2015. Survival in crossbred lambs: Breed and heterosis effects. *J. Anim. Sci.* 93:912-919.

### Contributed Papers:

Thomas, D.L., R.L. Burgett, H. Stellrecht, T.A. Taylor, T.W. Murphy, M.J. Maroney, and K.M.

- Nelson. 2014. Milking interval and other sheep research projects at the University of Wisconsin-Madison. Proc. 20th Dairy Sheep Symp., Dairy Sheep Association of North America, Chehalis, Washington. University of Wisconsin-Madison, Dept. of Animal Sciences. pp. 36-47.
- Ferreira, V. C., D. L. Thomas, and G. J. M. Rosa. 2014. Genetic analysis of lamb survival in a crossbred population. In: Proc. 10th World Congress on Genetics Applied to Livestock Production, Vancouver, BC, Canada, August 17-22, 2014. Online: [https://asas.org/docs/default-source/wcgalp-proceedingsoral/350\\_paper\\_9620\\_manuscript\\_942\\_0.pdf?sfvrsn=2](https://asas.org/docs/default-source/wcgalp-proceedingsoral/350_paper_9620_manuscript_942_0.pdf?sfvrsn=2).
- Murphy, T. M., D. L. Thomas, T. A. Taylor, M. J. Maroney, and K. M. Nelson. 2014. The relationship of OPP infection to TMEM154 genotype in a Midwestern sheep flock. In: Proc. 10th World Congress on Genetics Applied to Livestock Production, Vancouver, BC, Canada, August 17-22, 2014. Online: [https://asas.org/docs/default-source/wcgalpposters/913\\_paper\\_9876\\_manuscript\\_1036\\_0.pdf?sfvrsn=2](https://asas.org/docs/default-source/wcgalpposters/913_paper_9876_manuscript_1036_0.pdf?sfvrsn=2).

#### Book Chapters:

- Thomas, D.L. 2015. Genetic Improvement of Sheep Through Selection. In: Molecular and Quantitative Animal Genetics, H. Khatib (Ed.). Wiley-Blackwell pp. 73-84.
- Thomas, D.L. 2015. Dairy Sheep. In: The Science of Providing Milk for Man, J. Campbell and R. Marshall (Eds.). Waveland Press, Inc., Long Grove, Illinois. (In Press).
- Thomas, D. L. 2015. Breeding and Selection. In: SID Sheep Production Handbook. Vol. 8. American Sheep Industry Association, Inc., Centennial, CO. Revised and edited the chapter. (In Press).

#### Extension/Outreach:

- Thomas, D.L. 2014. The national scrapie eradication program – your regulatory responsibilities as a sheep or goat producer. Proc. 62nd Annual Spooner Sheep Day, Dept. Animal Sci., Univ. of Wisconsin-Madison. pp. 21-23.
- Thomas, D. L. 2014. Urinary calculi and calcium and phosphorous levels in lamb rations. The Wisconsin Shepherd 26(3):2,9.
- Thomas, D.L. 2015. Feeding lambs. Wisconsin Shepherd. Winter 2015. P. 6.

#### Utah State University

- Catanese, F., R.A. Distel, and J.J. Villalba. 2014. Effects of supplementing endophyte-infected tall fescue with sainfoin and polyethylene glycol on the physiology and ingestive behavior of sheep. *Journal of Animal Science*. 92(2):744-57.
- Villalba, J.J. and Burritt, E. 2015. Intake of Medusahead by Sheep: Influence of Supplements, Silica and Individual Animal Variation. *Invasive Plant Science and Management*.  
doi: <http://dx.doi.org/10.1614/IPSM-D-14-00072.1>
- Hamilton, T., Burritt, E. A., and Villalba, J. J. 2015. Assessing the impact of supplements, food aversions, and silica on medusahead (*Taeniatherum caput-medusae* (L.) Nevski) use by sheep. *Small Ruminant Research*, 124, 45-54.
- Catanese, F., Distel, R. A., and Villalba, J. J. 2015. Expression of conditioned preference for low-quality food in sheep is modulated by foraging costs. *Animal*, 1-8.  
DOI: <http://dx.doi.org/10.1017/S1751731115000087>.
- Egea, A. V., Hall, J. O., Miller, J., Spackman, C., and Villalba, J. J. 2014. Reduced neophobia: A



potential mechanism explaining the emergence of self-medicative behavior in sheep. *Physiology & Behavior*, 135, 189-197.

Villalba, J., & Burritt, E. (2015). Intake of Medusahead by Sheep: Influence of Supplements, Silica and Individual Animal Variation. *Invasive Plant Science and Management*. In Press.

## Virginia State University

### Journal articles

Dubey, J.P., Casey, J.S., Zajac, A.M., Wildeus, S.A., Lindsay, S. L., Verma, S. K., Oliveira, S., Kwok, O.C.H., Su, C. 2014. Isolation and genetic characterization of *Toxoplasma gondii* alpaca (*Vicugna pacos*) and sheep (*Ovis aries*). *Tropical Animal Health & Production* 46:1503-1507.

### Abstracts

Wildeus, S. and Teutsch, C. D. 2014. Response to increasing levels of soy hull supplementation in hair sheep lambs grazing fescue pasture. *Proc. Ann. Meet. South. Sect. Am. Soc. Anim. Sci.* p. 37.

Wildeus, S. 2014. Sire breed differences in pregnancy rate of hair sheep ewes following liquid semen artificial insemination. *Proc. Ann. Meet. South. Sect. Am. Soc. Anim. Sci.*, p. 39.

Verma, S. K. Casey, S., Zajac, A. M., Wildeus, S. A., Lindsay, D. S., Su, C., Dubey, J. P. 2014. Genetic characterization of *Toxoplasma gondii* from alpaca (*Vicugna pacos*) and sheep (*Ovis aries*) grazed on pasture in Virginia. 89th Ann. Meet. Am. Soc. Parasit.

Wildeus, S. and Teutsch, C. D. 2015. Energy supplementation of purebred and crossbred hair sheep lambs grazing stockpiled fescue. *Proc. Ann. Meet. South. Sect. Am. Soc. Anim. Sci.*, p.43.

Wildeus, S., Lee, J., Teutsch, C. D., Narrea T. J. 2015. Effect of breed type, supplementation and sex in rotationally-grazed hair and wool x hair sheep lambs: Growth and gastrointestinal parasites. *Proc. Ann. Meet. South. Sect. Am. Soc. Anim. Sci.*, p. 43.

Lee, J., Wildeus, S., Lee, J., T. J. Narrea, Lemma, B., Kouakou, B. 2015. Effect of breed type, supplementation and sex in rotationally-grazed hair and wool x hair sheep lambs: Carcass characteristics. *Proc. Ann. Meet. South. Sect. Am. Soc. Anim. Sci.*, p. 43.

Wildeus, S. 2015. Terminal sire mating of landrace hair sheep ewes with Dorset rams: Ewe and pre-weaning lamb performance. *Proc. Ann. Meet. South. Sect. Am. Soc. Anim. Sci.*, p. 43.

## West Virginia University

1. D'Souza, K.N.D., Rastle-Simpson, S.L., Redhead, A.K., Baptiste, Q., Smith, B. and Knights, M. (2014). Gonadotropin stimulation using P.G. 600® on reproductive success of non-lactating
2. Knights, M. (2014). Efficiency of Small Ruminant Reproductive Management. Invited Presentation. Joint Annual Meeting of the ADSA/ASAS Kansas City, MO, USA, July 20-24, 2014.
3. Paul, C.D., D'Souza K.N., Simpson-Rastle S.L., Redhead, A.K. and Knights, M. (2014). Effect of Prostaglandin F<sub>2α</sub> Fertility of Ewes Treated with a Short Term Progesterone

Based Estrous Synchronization Protocol. Joint Annual Meeting of the ADSA/ASAS  
Kansas City, MO, USA, July 20-24, 2014. *J. Anim. Sci.* 92: (Suppl. 2):933

4. D'Souza, K., Singh-Knights, D., Simpson, S. and Knights, M. (2014). Characteristics of Female Small Ruminant Producers in WV-Implications for Extension Training and Industry Support. 2014 Women in Agriculture Educators National Conference, Indianapolis, IN, USA, April 3-4, 2014.  
<http://www.agrisk.umn.edu/Library/ConferenceMaterials.aspx?ConfID=13>
5. Simpson-Rastle, S.L., D'Souza K.N., Redhead A.K., Paul C.D., Keller E.N. and Knights, M. (2014). Effects of Various Doses of Gonadotropin Stimulation on Reproductive Performance of Seasonally Anestrous Ewes. Joint Annual Meeting of the ADSA/ASAS Kansas City, MO, USA.
6. Redhead, A.K., D'Souza, K.N., Simpson-Rastle S.L., Baptiste, Q.S. and Knights, M. (2014). The Effects of Gonadotropin Stimulation on Fertility of Progesterone-treated Nulliparous Ewes Bred during Seasonal Anestrous. Joint Annual Meeting of the ADSA/ASAS Kansas City, MO, USA, July 20-24, 2014. *J. Anim. Sci.* 92: (Suppl. 2):933
7. Singh-Knights, D., D'Souza, K. and Knights, M. (2014). Flock Management Calendars for Spring-and Fall-Lambing in West Virginia. West Virginia Extension service, West Virginia University, Morgantown, WV. February 2014.