

CURRICULUM VITAE

NAME

Levalley, Stephen Byron

ADDRESS

Animal Sciences
College of Agricultural Sciences

Animal Sciences

PHONE

(970) 491-1321

EDUCATION

1999 Ph D, COLO STATE UNIV

1978 MS, COLO STATE UNIV

1976 BS, COLO STATE UNIV

PUBLISHED WORKS

Refereed Journal Articles

- (2004). Development and validation of equations utilizing lamb vision system output to predict lamb carcass fabrication yields. *J Anim Sci*, 82, 2069-2076.
- (2003). An evaluation of the lamb vision system as a predictor of lamb carcass red meat yield percentage. *J Anim Sci*, 81, 1488-1498.
- (2001). Microbial contamination occurring on lamb carcasses processed in the United States. *J Food Protect*, 64, 503-508.
- (1998). Relationship of feeder lamb frame size to feedlot gain and carcass yield and quality grades. *J Anim Sci*, 76, 435-440.
- (1998). Relationship of visual assessments of feeder lamb muscularity to differences in carcass yield traits. *J Anim Sci*, 76, 774-780.

Non-Refereed Journal Articles

- Cunha, B. C., Belk, K. E., Scanga, J. A., Levalley, S. B., Tatum, J. D., Smith, G. C. (2004). Development and validation of equations utilizing lamb vision system output to predict lamb carcass fabrication yields. *Journal of animal science*, 82(7), 2069-76.
- Brady, A. S., Belk, K. E., Levalley, S. B., Dalsted, N. L., Scanga, J. A., Tatum, J. D., Smith, G. C. (2003). An evaluation of the lamb vision system as a predictor of lamb carcass red meat yield percentage. *Journal of animal science*, 81(6), 1488-98.
- Duffy, E. A., Belk, K. E., Sofos, J. N., Levalley, S. B., Kain, M. L., Tatum, J. D., Smith, G. C., Kimberling, C. V. (2001). Microbial contamination occurring on lamb carcasses processed in the United States. *Journal of food*

protection, 64(4), 503-8.

(2011). *Sheep Management Guidelines During Drought*. Fact Sheet Colorado State University Extension.

Abstract

Hoffman, T. W., Belk, K. E., Tatum, J. D., Delmore, R., Peel, R. K., Levalley, S. B., Pendell, D. L., Zerby, H. N., English, L. F., Moeller, S. J., Fluharty, F. L. (2015). *Preferences associated with American lamb quality in retail & foodservice markets* (vol. 112, pp. 138). Meat Science.

CE Report/Bulletin/Factsheet

Levalley, S. B. (2013). *Substituting Grain For Hay in Drylot Ewe Rations* (pp. 2). Fact Sheet Extension.

PERFORMANCES, EXHIBITS, PRODUCTIONS (Visual/Performing Arts):

Fast Facts About Sheep Ecology

December 31, 2013, From Ranch Gate to Dinner Plate

December 31, 2013, Sheep Handling video

2010, Sheep Handling Video--Comprehensive bi-lingual video with a target audience of anyone handling sheep from the farm gate to processing plant

2010, Sheep Quality Assurance Training and Level One Testing

Internet based Auto tutorial for sheep producers with training and a level one certification--Internet Based

PAPERS PRESENTED/SYMPOSIA/INVITED LECTURES/PROFESSIONAL MEETINGS/WORKSHOPS

November 11, 2015, "Sheep--What's Happening Today", Weld County Sheep Day, Colorado State University Extension, (Presenter) LeValley, S.

October 15, 2015, "Federal Lands and Livestock Issues", Animal Sciences Graduate Class, Animal Sciences, (Presenter) LeValley, S.

July 14, 2015, "Preferences and Complaints Associated With American Lamb Quality and Retail Outlets", American Lamb Board, American Lamb Board, peer-reviewed/refereed.

January 23, 2015, "Sheep Systems", An -472, Animal Sciences, (Presenter) LeValley, s.

February 2014, "Pregnancy Toxemia (Ketosis) in Ewes and Does", Shepard Magazine, National Publication.

January 23, 2014, "An -472", Sheep Systems, Campus.

November 14, 2013, "Sheep handling", Animal Science 300 level class, Animal Sciences, (Presenter) Levalley, S. B., Livestock Pavilion.

November 7, 2013, "Update to Colorado Extension Livestock Agents-update", Colorado Annual Extension Conference, CSU Extension, CSU Student Center.

October 24, 2013, "Sheep Feeding in the Feedlot", National Association of County Agricultural Agents, Colorado County Agents Assn., (Presenter) Levalley, S. B., Harper Feedyard- Eaton Co.

October 15, 2013, "Sheep Handling principles", 300 level short tern livestock handling class, Animal Sciences, (Presenter) Levalley, S. B., ARDEC.

July 17, 2013, "Research at CSUU", Colorado Woolgrowers Assn. annual meeting, Colorado Woolgrowers, (Presenter) Levalley, S. B., Montrose Co.

June 2, 2013, "Feedlot Tour", British Farm Tour Group, Farmland tours, (Presenter) Levalley, S. B., Harper Feedlot-Eaton Co.

March 2, 2013, "Selection and care of sheep projects", Tegional Youth Livestock Field Day, CSU Extension, (Presenter) Levalley, S. B., Larimer County Fairgrounds.

February 14, 2013, "Small Riminants", Farm Animals-Large and Small, CSU Extension, (Presenter) Levalley, S. B., ADCO Fairgrounds.

January 22, 2013, "An- 472 Sheep Systems", Sheep Systems, Animal Sciences, (Presenter) Levalley, S. B., Campus.

January 5, 2013, "National Western Stock Show", National Western Stock Show, NWSS, NWSS Denver Co.

2011, "Afganistan Veterinarians--Sheep and Wool Production in the U.S.".

2011, "ANEQ-472 Sheep Systems 20+ lectures(1h) and labs(1.5h) in sheep and goat production to 40 students".

2011, "British Tour Group-- Feeding lambs in the United States".

2011, "Craig Ram Sale--Sire Selection".

2011, "Expert Witness for Northwest Colorado Sheep producers v.s.Farm Service Agency/Livestock Insurance Program".

2011, "National Western Stock Show--20 days /12 hours per day coordinating show schedules for 12 breeds including barn stalling and tie-outs and supervising 6 superintendents , two interns and several stock show employees.".

2011, "Selection Workshop for Sheep Production Erie County, New York".

2011, "Summary of the National Sheep and Wool Quality Audit".

2011, "U.S. Womens Open Golf Tourney-- How to Prepare Lamb".

2011, "Yuma County Feeding Goats and Lambs for Show".

2011, "Yuma County Quality Assurance Program".

2010, "Alpaca Conference".

2010, "British Tours/Kentucky County Agents".

2010, "Campito".

2010, "Colorado Junior Sheep Field Day".

2010, "County Agents Professional update".

2010, "CWGA Up Date".

2010, "Jewell Field Day".

2010, "National Western Management Staff".

2010, "National Western Wool contest".

2010, "SE Area Woolgrowers".

2010, "Sheep Systems-- 18 lectures".

2010, "Wyoming Woogrowers".

OTHER ACTIVITIES/ACCOMPLISHMENTS – PUBLICATIONS/SCHOLARLY RECORD

(Submitted: 2012, Application: 2012, Approved: 2012, Licensed: 2012).

"Contributed to content of 3 video that are to be circulated nationally 1)Sheep handling video
 2)H-2A video i=on imported labor for for the U.S. sheep industry
 3) Gate to Plate video designed to educate the American public and the food service industry where
 American Lamb comes from and how it raised under humane and natural conditioned." (Submitted: 2012,
 Application: 2012, Approved: 2012, Licensed: 2012).

Animal Science outreach, "Animal Science Alumni Update," Animal Sciences, Hayden, Co.

TEACHING:

<u>Year</u>	<u>Semester</u>	<u>Course No./Title</u>	<u>Cr. Hrs.</u>	<u>Enrollment</u>
2016	Spring	ANEQ472 - Sheep Systems	3	28
2016	Spring	ANEQ472 - Sheep Systems -Lab	0	28
2015	Spring	ANEQ472 - Sheep Systems	3	35
2015	Spring	ANEQ472 - Sheep Systems -Lab	0	35
2015	Spring	ANEQ784 - Supervised College Teaching	18	28
2014	Fall	ANEQ363 - Introduction to Wool and Fiber Evaluation	1	7
2014	Spring	ANEQ472 - Sheep Systems	3	28
2014	Spring	ANEQ472 - Sheep Systems -Lab	0	28
2013	Fall	ANEQ487A - Internship: Animal	6	14
2013	Spring	ANEQ487 - Internship	18	22
2013	Spring	ANEQ472 - Sheep Systems	3	23
2013	Spring	ANEQ472 - Sheep Systems -Lab	0	23
2012	Spring	ANEQ472 - Sheep Systems	3	20
2012	Spring	ANEQ472 - Sheep Systems -Lab	0	20

2011	Spring	ANEQ495 - Independent Study	18	25
2011	Spring	ANEQ487 - Internship	18	16
2011	Spring	ANEQ472 - Sheep Systems	3	40
2011	Spring	ANEQ472 - Sheep Systems -Lab	0	40
2011	Spring	ANEQ384 - Supervised College Teaching	5	18
2010	Spring	ANEQ487 - Internship	18	30
2010	Spring	ANEQ472 - Sheep Systems	3	29
2010	Spring	ANEQ472 - Sheep Systems -Lab	0	29
2010	Spring	ANEQ384 - Supervised College Teaching	5	31
2009	Summer	ANEQ487 - Internship	18	17
2009	Spring	ANEQ472 - Sheep Systems	3	18
2009	Spring	ANEQ472 - Sheep Systems -Lab	0	18
2008	Fall	ANEQ478 - Beef Systems	3	41
2008	Fall	ANEQ478 - Beef Systems-Lab	0	41
2008	Fall	ANEQ384 - Supervised College Teaching	5	31
2008	Fall	ANEQ784 - Supervised College Teaching	18	24
2008	Spring	ANEQ487 - Internship	18	31
2007	Fall	ANEQ487 - Internship	18	14
2007	Fall	ANEQ472 - Sheep Systems	3	16
2007	Fall	ANEQ472 - Sheep Systems-Lab	0	16

Guest Lectures:

<u>Year</u>	<u>Semester</u>	<u>Course No./Title</u>	<u># of Guest Lectures</u>	<u>Delivery Mode</u>
2015	Fall	Animal Sciences Graduate Series	1	Face to Face
2013	Spring	ANEQ300 - Animal Handling	2	Face to Face

EXTENSION/ENGAGEMENT ACTIVITIES/ACCOMPLISHMENTS

Arizona National Livestock Show. Phoenix, Arizona. Number of times program was made: 3. Total number of participants: 2000. Percent Responsible: 30%. Full Year 2015.

National Western Judges Committee. Adult, Denver. Number of times program was made: 15. Total number of participants: 600. Percent Responsible: 10%. Full Year 2015.

National Western Junior Show Committee. Youth, Denver, United States and Canada. Number of times program was made: 25. Total number of participants: 2000. Percent Responsible: 10%. Full Year 2015.

National Western Stock Show--Breed Committee meeting. Adult, Denver, United States and Canada. Number of times program was made: 25. Total number of participants: 25. Percent Responsible: 50%. Full Year 2015.

Ag Day

Coordinator. Fort Collins, CO. Number of times program was made: 1. Total number of participants: 3000. Percent Responsible: 100%. 2013.

Ag Day Committee

Ag Day. Fort Collins, Colorado. Number of times program was made: 40. Total number of participants: 3000. Percent Responsible: 90%. 3rd Quarter 2015.

Animal Sciences Alumni Update

Alumni meet and greet. Adult, Grand Junction, Co. Total number of participants: 40. Percent Responsible: 50%. 1st Quarter 2014.

Audio and video of livestock handling

Livestock handling video. Adult. Number of times program was made: 3. Total number of participants: 50. Percent Responsible: 25%. 4th Quarter 2014.

Chinese tour group

Sheep and goat production. Adult, Weld county, Co. Number of times program was made: 20. Total number of participants: 10. Percent Responsible: 100%. 3rd Quarter 2014.

Colorado State Fair

Colorado State Fair. Pueblo, CO. Number of times program was made: 5. Total number of participants: 200. Percent Responsible: 100%. 2013.

Craig Ram sale Committee

Craig Ram Sale. Adult, Craig, Colorado. Number of times program was made: 2. Total number of participants: 150. Percent Responsible: 100%. 4th Quarter 2015.

Field Day

Shearing School. Forty Morgan. Number of times program was made: 50. Total number of participants: 18. Percent Responsible: 100%. 1st Quarter 2015.

Western Heritage Day. Adult, Pueblo, Colorado. Number of times program was made: 1. Total number of participants: 120. Percent Responsible: 30%. 3rd Quarter 2015.

Colorado-- Make it with wool contest. Youth, ADCO, Colorado. Number of times program was made: 2. Total number of participants: 40. Percent Responsible: 25%. 4th Quarter 2015.

Animal Science Update. Hayden, CO. Number of times program was made: 1. Total number of participants: 200. Percent Responsible: 30%. 2013.

British Sheep Tour. Harper Feedlot, CO. Number of times program was made: 1. Total number of participants: 45. Percent Responsible: 100%. 2013.

Colorado County Agents Professional Update Program. Eaton, CO. Number of times program was made: 1. Total number of participants: 45. Percent Responsible: 100%. 2013.

National Western Stock Show

Cattle Superintendent. Denver, Colorado. Number of times program was made: 25. Total number of participants: 5000. Percent Responsible: 100%. 1st Quarter 2015.

Livestock Superintendent. Adult, Denver, Nationwide. Number of times program was made: 2300. Total number of participants: 3000. Percent Responsible: 100%. Full Year 2014.

Livestock Superintendent. Denver, CO. Number of times program was made: 23. Total number of participants: 2500. Percent Responsible: 100%. 2013.

Presentation

Afgani Visitors. Adult, Campus. Number of times program was made: 1. Total number of participants: 15. Percent Responsible: 100%. 2nd Quarter 2015.

Sheep nutrition and selection workshop. Youth, Loveland, Co. Number of times program was made: 40. Total number of participants: 40. Percent Responsible: 100%. 1st Quarter 2014.

Genetics of wool selection. Adult, Montrose, Co. Number of times program was made: 2300. Total number of participants: 50. Percent Responsible: 100%. 3rd Quarter 2014.

5th annual Youth Livestock Day. Loveland, CO. Number of times program was made: 1. Total number of participants: 35. Percent Responsible: 100%. 2013.

Colorado Woolgrowers annual meeting. Montrose, CO. Number of times program was made: 1. Total number of participants: 75. Percent Responsible: 100%. 2013.

Large and Small Conference. Brighton, CO. Number of times program was made: 1. Total number of participants: 25. Percent Responsible: 100%. 2013.

Section 8 Committee--Colorado Department of Agriculture

Bureau of Land Management v.s. Kourlis Ranch. Adult, Colorado. Number of times program was made: 4.

Total number of participants: 25. Percent Responsible: 20%. Full Year 2015.

Tour

Northwest Colorado Extension Sheep and Wool Tour. Adult, Craig, Colorado. Number of times program was made: 85. Total number of participants: 40. Percent Responsible: 30%. 2nd Quarter 2015.

World South Devon Tour. Adult, Wyoming and Colorado. Number of times program was made: 1. Total number of participants: 50. Percent Responsible: 100%. 4th Quarter 2014.

field investigation of the presence of listeria in sheep feedlots

Hemostat company/CSU. Adult, Co. Number of times program was made: 15. Total number of participants: 25. Percent Responsible: 50%. Full Year 2014.

COMMITTEES

(2011).

Ag Day.

Ag Day, (September 1, 2014 - October 5, 2014).

(2011).

Livestock Leader.

Ag Day, (January 1, 2015 - Present).

Livestock Leader, (January 1, 2015 - Present).

(2011).

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

Barn-net. (January 2014).

National Western Stock Show. (January 2013).

Committee Member, Breed Committee-NWSS, Denver, Colorado.

Committee Member, Craig Ram Sale, Craig, Colorado.

Committee Member, Judges Committee-NWSS, Denver, Co.

Committee Member, NWSS Junior Show Committee, Denver, Co.

Graduate Committee For Brett Kaysen. (2011 - Present).

Committee Member, National Western Stock Show, Denver, Co. (January 1988 - Present).

Expert witness--Kourlis Ranch vs USDA/FSA/Livestock insurance program

Served as an expert witness for the Kourlis Ranch in successful appeal of rejection of claims for livestock losses. (2012).

2011 NCERA-214 Coordinating Committee --Increased Efficiency in Sheep Production. (2011).

Craig Ram Sale Committee. (2011).

National Western Stock Show. (2011).

NWSS- Junior Show Committee. (2011).

NWSS-Judges Committee. (2011).

committee. (2009 - 2011).

OTHER ACTIVITIES/ACCOMPLISHMENTS – SERVICE/OUTREACH

For Profit Organization, Agroprockinvest Ltd.

Non-Governmental Organization (NGO), Lazareuskoye Joint Stock Farm, Tula Reigon, Russia. (December 31, 2013).

Board of Directors of a Company, Western Heritage Day, Denver, Colorado.

Board of Directors of a Company, Western Heritage Board of Directors, Denver. (January 1, 2013 - Present).

Board of Directors--Arizona National Livestock Show, Phoenix, AZ. (January 1, 2014 - January 1, 2017).

Board Member, Western Heritage Day, Denver, Co.

Kent Denver School Tours. (2011 - Present).

Wool Judge, Wyoming State Fair, Douglas, WY. (August 15, 2014).
