

Brian Lee

Education

MS: Agricultural Economics

May 2012; Thesis Topic: Farm Level Impacts of Regulations on Genetically Modified Sugar Beets in SE Wyoming; University of Wyoming (UW), Laramie, WY
Scholastic Assistantship; Teaching Assistant, Assist with research projects

BS: Agricultural Business; Statistics, Economics, Banking/Financial Systems minors

May 2010; University of Wyoming (UW), Laramie, WY

Academic Positions

University of Wyoming, June 2012-Present
Research Scientist-Department of Agricultural and Applied Economics
Stationed at the James C. Hageman Sustainable Agricultural Research and Extension Center (SAREC) in Lingle, WY

Current Job Description: 50% Research, 45% Extension, 5% Service

- Assist in data organization and analysis for research being conducted at SAREC
- Assist researchers in preparation of technical manuscripts on projects conducted at SAREC
- Collect, process, and verify information from commercial farms and ranches for comparable analysis
- Develop and provide educational programs with commercial farms and ranches for further understanding and application of economic principles
- Support county, area, and state research and Extension by providing technical expertise in the economic analysis of comparable commercial farm and ranch financial and production information

University of Wyoming, Laramie, WY, 2007

Tutor-College of Agriculture: Assisted freshman level students with their understanding of Microeconomics.

Publications in Refereed Journals:

Windh, J.L., Ritten, J.P, Paisley, S., Derner, J.D. Lee, B.P. (2020) Effects of long-term cattle market conditions on continuous season-long and rotational grazing system revenues. *The Rangeland Journal*, Volume 42(3). <https://www.publish.csiro.au/rj/RJ20067>

Windh, J.L., Ritten, J.P, Paisley, S., Derner, J.D. Lee, B. P. (2018) Economic cost analysis of continuous-season-long versus rotational grazing systems. *Western Economics Forum*, 17(1), 62-72

Lee, Brian, John Ritten, Christopher Bastian, Andrew Kniss. "Profitability of Glyphosate-Resistant Sugarbeet Production in Whole Farm Systems." *2015 Journal of the ASFMRA*. 2015, pages 154-165.

Lee, Brian, John Ritten, Christopher Bastian, Andrew Kniss. "Profitability Comparison for Glyphosate-Resistant and Conventional Sugarbeet Production Systems." *Journal of Sugar Beet Research*. 2014. Vol. 51 Nos. 1&2, Jan-June 2014, pages 2-13.

In Preparation:

Lee, Brian, John Ritten, Andrew Kniss. "Whole Farm Economic Impacts of Utilizing Wheat Stubble to Facilitate Direct Harvest of Dry Bean Crops."

Jabbour, R., Islam, M.A, Lee, B.P., Ritten, J.P. "Integration of Early Harvest with Biological Control for Sustainable Alfalfa Production."

Asay, Jacob., Brian Lee, John Ritten. "Economic analysis of cover crop production in the Bighorn Basin of Wyoming."

Extension Publications (Reviewed):

Asay, Jacob, John Ritten, Brian Lee. "Irrigated Alfalfa, Barley, Corn, and Sugar Beet Budgets." University of Wyoming Extension, College of Agriculture and Natural Resources, University of Wyoming, Laramie. Extension Publication B-1363. June 2020.

Lee, Brian, John Ritten and Tom Foulke. "Conventional Irrigated Alfalfa Budget." Fact Sheet. University of Wyoming Extension, College of Agriculture and Natural Resources, University of Wyoming, Laramie. *In Press*.

Lee, Brian, John Ritten and Tom Foulke. "Conventional Dryland Winter Wheat Budget." Fact Sheet. University of Wyoming Extension, College of Agriculture and Natural Resources, University of Wyoming, Laramie. *In Press*.

Lee, Brian, John Ritten and Tom Foulke. "Conventional Irrigated Corn Budget." Fact Sheet. University of Wyoming Extension, College of Agriculture and Natural Resources, University of Wyoming, Laramie. *In Press*.

Lee, Brian, John Ritten and Tom Foulke. "Conventional Irrigated Dry Edible Bean Budget." Fact Sheet. University of Wyoming Extension, College of Agriculture and Natural Resources, University of Wyoming, Laramie. *In Press*.

Lee, Brian, John Ritten and Tom Foulke. "No-Till Dryland Winter Wheat Budget." Fact Sheet. University of Wyoming Extension, College of Agriculture and Natural Resources, University of Wyoming, Laramie. *In Press*.

Lee, Brian, John Ritten and Tom Foulke. "Organic Dryland Winter Wheat Budget." Fact Sheet. University of Wyoming Extension, College of Agriculture and Natural Resources, University of Wyoming, Laramie. *In Press*.

Lee, Brian, John Ritten and Tom Foulke. "Conventional Irrigated Sugarbeet Budget." Fact Sheet. University of Wyoming Extension, College of Agriculture and Natural Resources, University of Wyoming, Laramie. *In Press*.

Lee, Brian. "Wheat Premiums and Discounts Tool." University of Wyoming Extension Publication. Winter, 2017.

Lee, Brian, Carrie Eberle, Steve Paisley, "Beat Hail Losses with Low-cost, High Yield Forage Crops." University of Wyoming *Barnyards and Backyards*. February, 2017.
https://issuu.com/uw_extension/docs/b_b_insert_march_2017_e-version

Lee, Brian, "Economic Evaluation of Variable Rate Irrigation Center Pivot Technology." *Rural Connections*. Spring 2016, Page 15-16.

Paisley, Steve, John P. Ritten, Brian Lee, "Cow Valuation Tool." University of Wyoming Extension, College of Agriculture and Natural Resources, 2015.
<http://uwyoextension.org/cowvaluecalculator/index.html>

Lee, Brian, "Evaluating Variable-rate Irrigation System at SAREC." *2015 AES Field Day Bulletin*, 2015.

Lee, Brian, "Not Your Usual Garden Crop." *Barnyards and Backyards*, UW Extension Newspaper insert, pages 18,19. March 2015

Lee, Brian, "Evaluating Guar Bean Production in SE Wyoming for Yield and Production Practices." *2014 AES Field Day Bulletin*. March 2014

Lee, Brian, John Ritten, "SAREC Wind Turbine Update." *2014 AES Field Day Bulletin*. March 2014

Lee, Brian, "Excellent Resources Help Develop Superior Lease Agreements." *Barnyards and Backyards*, UW Extension Newspaper insert. March 2014.

Lee, Brian, John Ritten, Christopher Bastian, Andrew Kniss, "Farm Level Impacts of Potential Regulations On Glyphosate Resistant Sugarbeet in Wyoming." University of Wyoming Extension Bulletin (B-1254). December 2013.

Lee, Brian, John Ritten, "Can I Afford to Apply Nitrogen this Year" University of Wyoming Extension Bulletin (B-1252). August 2013.

Lee, Brian, John Ritten, "SAREC Wind Turbine." *2013 AES Field Days Bulletin*. June 2013

Lee, Brian, "Tool Calculates Alfalfa Phosphorus, Potassium Benefits." *Barnyards and Backyards*, UW Extension Newspaper insert. July 2013

Lee, Brian, John Ritten, "Nitrogen Application Worksheet Online Tool." UW Extension, 2013. Available at: <http://www.uwyoextension.org/nitrogencalculator/>

Lee, Brian, John Ritten, Christopher Bastian, Andrew Kniss. "What Could Happen to Producer Profits if Round-up Ready Sugarbeet Aren't an Option?" *Reflections 2013* (University of Wyoming Agricultural Experiment Station). March 2013.

Lee, Brian "Three Dryland Wheat Studies, Over Four Years, Yield Budgets." *Barnyards and Backyards*, UW Extension Newspaper insert. 2013.

In Preparation:

Wyoming First Grains Project,"Spelt and Emmer crop production budgets. Ongoing for The Wyoming First Grains Project.

Lee, Brian., John Ritten, Jenny Biermann. "Steer Price Slide tool for marketing decisions."

Other Publications:

Jabbour, R., Islam,M.A, Lee, B.P., Ritten, J.P. "Integration of Early Harvest with Biological Control For Sustainable Alfalfa Production. 2019 AES Field Day Bulletin

Lee, Brian, "Doing your homework before introduction new agricultural projects at farmers Markets will pay dividends." *Barnyards and Backyards* Winter 2020.

Groskopf, Jessica., Lee, B., Coupal, R., "Potential Economic Impact of Tunnel Collapse is \$89 Million." Economic analysis of Gering-Fort Laramie Canal collapse.
<https://cropwatch.unl.edu/2019/potential-economic-impact-tunnel-collapse-89-million>

Taylor, Lindsay, Lee, B., "Raising Freezer Beef: What does it Cost?," *Barnyards and Backyards*. Winter 2019.

Lee, Brian, "To Bale or not to Bale," *Barnyards and Backyards* Newspaper Insert. 2019

Eberle, Carrie, Steve Paisley, Brian Lee, "2016 SAREC Hail Field Day," Brochure presented at Field Day. October 18, 2016

Eberle, Carrie, Steve Paisley, Brian Lee, "UW Studies How Producers Can Best Use Land, Crops Devastated by Hail." *Traders Dispatch*. December 2016

Lee, Brian, Carrie Eberle, Steve Paisley, "SAREC Experiment Shows Forage Potential after Hail." *Scottsbluff Star Herald* Farm and Ranch section. December 25, 2016.

Lee, Brian, "UW Online Tool Assists Producers in Determining the Present-Day Value of a Cow." *Wyoming Livestock Roundup*. December 2015.

Lee, Brian, "Hydraulic Fracking Creates Big Demand for Little Bean." *Traders Dispatch*. February 2015.

Lee, Brian, "Hydraulic Fracking Creates Big Demand for Little Bean but could be Wyoming Hay or Cover Crop." *Wyoming Livestock Roundup*. January 2015.

Lee, Brian, "Tool Calculates Alfalfa Phosphorus, Potassium Benefits." *Traders Dispatch*. February 2014.

Academic Presentations:

Herreid, Judith., Anowar Islam, Brian Lee, Randa Jabbour, John Ritten. "Effect of harvest timing On alfalfa weevil." Entomological Society of America Conference. Presented virtually by Herreid. Received President's Prize 1st Place.

Lee, Brian, Steve Paisley. "Effect of Synovex Choice Implant on Steer and Heifer Performance." Presented for online 2020 Annual Meeting of the Western Agricultural Economics Association. Digital conference June 29-July 1, 2020.

Lee, Brian, John Ritten, Clint Beiermann, and Andrew Kniss. "Whole Farm Economic Impacts of Utilizing Wheat Stubble to Facilitate Direct Harvest of Dry Bean Crops." Presented at the *2018 Annual Meeting of the Western Agricultural Economics Association*. Anchorage, AK. June 24, 2018. (Presented by Lee)

Lee, Brian. "Wyoming LEAD Seminar." University of Wyoming Agricultural and Applied Economics Department Monthly Seminar. Laramie, WY. November 1, 2017.

Lee, Brian. "Enterprise Budgeting Overview and Resources." Presentation to Sage Grouse Conservation Ranch Level Effect Effort a USDA Natural Resources Conservation Service Grant. Laramie, WY. June 14, 2017

Meeks, Jenna, Andrew Kniss, Brian Mealor, Anowar Islam, Brian Lee, Steven Paisley. "Winter Forage Crops as a Supplement to Corn Stalk Grazing in Integrated Crop/Livestock Systems in Southeast Wyoming." Presented at the *2016 Joint Annual Meeting of the Western Agricultural Economics Association(WAEA) and the Canadian Agricultural Economics Association (CAES)*. Victoria, B.C. June 21-23, 2016. (Presented by Lee)

Meeks, Jenna, Andrew Kniss, Brian Mealor, Anowar Islam, Brian Lee, Steven Paisley. "Winter Forage Crops as a Supplement to Corn Stalk Grazing in Integrated Crop/Livestock Systems in Southeast Wyoming." Presented at the *2015 Joint Annual Meeting and Workshop on Economics of Water Quality for Northeast Agricultural Resource Economics Association (NAREA) and the Canadian Agricultural Economics Association (CAES)*. Newport, RI. June 27-30, 2015. (Presented by Lee)

Lee, Brian, John Ritten, Christopher Bastian, and Andrew Kniss. "Farm Level Impacts of Regulation on Genetically Modified Beets in SE Wyoming." Presented at the *2012 Annual Meeting of the Western Agricultural Economics Association*. Park City, UT. June 22, 2012. (Presented by Ritten)

Lee, Brian., John Ritten, Christopher Bastian, and Andrew Kniss. "Economic Comparison of Conventional and RoundUp Ready Sugarbeets." Presented at Agricultural and Applied Economics Department Seminar. Laramie, WY. February, 2012.

Extension Presentations:

Lee, Brian. "Overview of Wyoming Ranch Camp." Extension-Focused Department Seminar. Agriculture and Applied Economics Department. Virtual. October 28, 2022.

Lee, Brian. "Economic decision-making tools and available resources." Wyoming Ranch Camp. March 2022. Evanston Wyoming.

Lee, Brian. "Alfalfa Market Update." Wyoming Utah Ag Days. January 2022

Lee, Brian., Calista Dugger. "Implementation and Overview of the SE Wyoming Demonstration Orchard." Poster presented by Dugger at SAREC AES Field Day. August 2021. Lingle, Wyoming.

Lee, Brian. "Economic decision-making tools." Wyoming Ranch Camp. March 2021. Evanston Wyoming.

Lee, Brian. "Alfalfa Market update and Wyoming Hemp Update." Wyoming Utah Ag Day, Evanston,WY. January 2021.

Lee, Brian. "Ranch Financials and Budgeting: What Tools are Available?". 2020 Progressive Rancher Workshop. Wyoming Stock Growers. December 7, 2020.

Lee, Brian. "Freezer Beef." Barnyards and Backyards virtual webinar. Hosted virtually by Jennifer Thompson and Abby Perry. September 18, 2020

Lee, Brian. "SAREC research facility." Leadership Education and Development Program (LEAD). Torrington WY. August 2020.

Lee, Brian. "Drone use in agriculture." Wyoming Utah Ag Day, Evanston,WY. January 28, 2020.

Lee, Brian., Olsen, Kosha., Taylor, Sheri. "Drone use in agriculture panel." Wyoming Stock Growers, Casper,WY. December 12, 2019.

Lee, Brian. "What does it cost to raise freezer beef." Poster at Niobrara County Food Expo, Lusk, WY. August 2019.

Lee, Brian. "Update of the SAREC wind turbine." Poster at SAREC Field Day, Lingle, WY. August 23, 2019

Grahmann, Alicia., Kristi Hansen., Brian Lee. "Real-Time Energy Monitoring Pilot Program to Improve Understanding of Irrigation Costs and Water Use." Poster at SAREC Field Day., Lingle, Wyoming. August, 23 2019.

Lee, Brian. "Overview of SAREC irrigation monitoring project." SAREC Field Day, Torrington, WY. August 23, 2019.

Lee, Brian. Duane Wisroth. Rhonda Brandt. "Using NASS data for research." Panel Discussion. Wyoming Wheat Growers committee annual meeting. January, 2019.

Lee, Brian. Bi-Weekly contributor to "Today in the Valley" on KGOS (98.3 FM)/KERM (1490 AM) radio broadcast from Torrington, WY. Starting in March 2015, reinitiated in October 2017, will continue into the foreseeable future. 25 estimated radio programs contributed over this period.

Lee, Brian. "Hops Production in Wyoming." Wyoming Specialty Crop Workshop, Wheatland, WY. September 2017.

Lee, Brian. Jeff Edwards. "Shade Tolerance of Pepper Varieties in a High Tunnel Setting." Poster at SAREC Open House and Field Day, Lingle, WY. August 2017

Lee, Brian. "Drone Use in Agriculture." Presentation at PREC Open House and Field Day, Powell, WY. July 2017

Lee, Brian. "Wheat Premiums and Discount Tool." Riverton Farm and Ranch Days, Riverton, WY. February, 9 2017.

Lee, Brian. "Evaluation of SAREC VRI Pivots." Poster at SAREC Open House and Field Day, Lingle, WY. August 2016.

Lee, Brian. "UW SAREC Research Philosophy." Upton High School Students. Lingle, WY. March 6, 2016.

Lee, Brian. "UW SAREC Update." Wheatland Wyoming Lions Club. Wheatland, WY. February, 2016.

Lee, Brian. Leadership Education and Development Program (LEAD). Cheyenne, WY. February 2016.

Lee, Brian. "Determining the Value of a Cow." Farm and Ranch Days, University of Wyoming Extension, Riverton, WY. February 11, 2016.

Lee, Brian. "Determining the Value of a Cow." Progressive Rancher Forum, Wyoming Stock growers, 2015 Winter Roundup, Casper, WY. November 30, 2015.

Lee, Brian. "Hops." Specialty Crop Workshop, University of Wyoming Extension, Wheatland, WY. October 30, 2015

Lee, Brian. "UW SAREC Field Day update." Torrington Wyoming Rotary presentation, Torrington, WY. August 8, 2014

Lee, Brian. "Farm Cropping and Acreage Usage Based on Fluctuating Prices Focused on Sugar Beets." University of Wyoming, College of Agriculture and Natural Resources, Nuffield Scholar presentation, Laramie, WY. July 9, 2015.

Lee, Brian. "Hops and Guar Production for Wyoming." Wyoming Specialty Crop Workshop, Wheatland, WY. November 1, 2014.

Hill, Hudson, Brian Lee. "Fertilizing Alfalfa Hay." Wyoming Master Hay producer conference, Casper, WY. February 13, 2014.

Lee, Brian. "Alfalfa Hay Market Situation and Fertility." Farm and Ranch Days, Riverton, WY. February 13, 2014

Lee, Brian. "Alfalfa Hay Market Situation and Fertility." Westi Ag Days, Worland, WY. February 6, 2014.

Lee, Brian, John Ritten. "Evaluation of SAREC Wind Turbine" Poster at SAREC Open House and Field Day, Lingle, WY. August 2013.

Lee, Brian. "Alfalfa Hay Market Situation and Fertility." Wyoming Forage Field Day, SAREC Lingle, WY. June 27, 2013

Lee, Brian. "Can I Afford to Apply Nitrogen this Year" Farm and Ranch Days, Riverton, WY. January 30, 2013.

Lee, Brian, John Ritten, Christopher Bastian, Andrew Kniss. "Economic Comparison of Conventional and Round-Up Ready Sugar Beets." Spring Roundup, Northwest Wyoming College. January 25, 2013. (Presented by Lee)

Lee, Brian. "Profitability of SAREC Winter Wheat Projects." Presented at Wyoming Wheat Growers Association meetings. Albin, WY. December 11, 2012.

Albert, Sage, Brian Lee. "Basic Statistics." Casper, WY. December, 2012.

Lee, Brian, John Ritten, Christopher Bastian, Andrew Kniss. "Economic Comparison of Conventional and Round-Up Ready Sugar Beets." Poster presented at the Annual SAREC Field Day, Lingle, WY. August 23, 2012. (Presented by Lee)

Lee, Brian, and John Ritten. "Economic Comparison of Conventional and RoundUp Ready Sugarbeets." Presented at the Relevant Agricultural Issues & Networking Series, hosted by the

University of Wyoming, Goshen County Extension, and Eastern Wyoming College. Torrington, WY. February 16, 2012.

Lee, Brian, and John Ritten. "Economic Comparison of Conventional and RoundUp Ready Sugarbeets." Presented at WESTi Ag Days. Worland, WY. February 8, 2012.

Funded Grants and Contracts:

Sheep Enterprise Benchmarking: Knowing the numbers enterprise wellness, and industry growth, Funded by American Lamb Board (May 11, 2022-September 30,2025), awarded May 11,2022 (\$58,000), Funded-In Progress. Whit Stewart, Brian Lee, Jaelyn Quintana.

Effects of growth implant on calf performance, feed efficiency and economics of programmed winter feeding, Funded by University of Wyoming Agricultural Experiment Station FY 20 CGP (January 1, 2020-May 15, 2020), awarded October 22, 2020 (\$9,994.80), Funded-Complete. Steve Paisley, Brian Lee

Eastern Wyoming Fruit Demonstration and Research Orchard, Funded by State of Wyoming Specialty Crop Block Grant (January 1, 2020-September 1, 2022). (\$10,700), Funded-In Progress. Brian Sebade, Jeff Edwards, Brian Lee.

Identifying Fertilizer and Water Requirements for Hops Varieties Grown in Wyoming, Funded by State of Wyoming Specialty Crop Block Grant (January 1, 2020- September 30, 2020) (\$24,500), Funded-In Progress. Jim Heitholt, Vivek Sharma, Brian Lee, Will Rose.

Integration of early harvest with biological control for sustainable alfalfa production integration mechanical and biological pest control for economically viable western alfalfa production. USDA Crop Protection and Pest Management Competitive Grants Program. (March 1, 2019-February 28, 2022) Funded (\$300,000). Randa Jabbour, Tatyana Rand, Anowar Islam, John Ritten, Brian Lee.

University of Wyoming approved contract work in collaboration with Milt Geiger and Bridger Feuz, completed fall of 2015. Signed Non-disclosure

"Feasibility of Guar Bean Production in SE Wyoming." Brian Lee. Specialty Crop Block Grant-Farm Bill, Wyoming Department of Agriculture. \$1,000. July 12, 2013.

"Winter Forage Crops as a Supplement to Corn Stalk Grazing in Integrated Crop/Livestock Systems in Southeast Wyoming." Andrew Kniss, Brian Mealor, Anowar Islam, Augustine Obour, Brian Lee, Steven Paisley, David Claypool. James C. Hageman SAREC Competitive Graduate Student Assistantship Proposal to AES.

"Technical and Economic Evaluation for On-Farm Drying of Confection Sunflowers and Grain Corn in the Big Horn Basin." Gustavo Sbatella, Camby Reynolds, Brian Lee, Brian Duyck, Faxon Farms. Wyoming Department of Agriculture, Agriculture Producer Research Grant Program Application. \$15,999. Submitted August 25, 2014.

Unfunded Grant Proposals:

“Ecological Management of Weed and Insect Pests in Dry Bean using Relay Cropping and Biological Control. USDA Crop Protection and Pest Management Competitive Grants Program. (March 1, 2019-February 28, 2022) Not-funded (\$325,000). Nevin Lawrence, Cody Creech, Jeff Bradshaw, Carrie Eberle, Brian Lee, Jessica Groskopf.

“Installation of a Geothermal Greenhouse at the Sustainable Agriculture Research and Extension Center (SAREC) in Lingle Wyoming.” Brian Lee, Jeff Edwards, Milton Geiger. \$250,000 New Grant Initiative. Submitted February 3, 2014.

“Wyoming Winter Wheat Variety Trial Selection for Risk Management.” Brian Lee, John Ritten. Wyoming Department of Agriculture, Agriculture Producer Research Grant Program Application. \$38,906. Submitted November 14, 2013.

“Geothermal Greenhouse for Specialty Crop Production.” Jeff Edwards, Milt Geiger, Brian Lee. Wyoming Department of Agriculture, Agriculture Producer Research Grant Program Application. \$29,999. Submitted May 30, 2013

“Evaluating Production and Marketing of Gluten-Free Grains in Wyoming.” Jason Fearnelyhough, Cole Ehmke, Anowar Islam, Brian Lee, Ted Craig, Julie Cook, Mary Randolph. Federal State Marketing Improvement Program (FSMIP). \$74,634. May 2013.

“Optimizing Environmental-based Strawberry Production Systems for Wyoming.” Sadanand Dhekney, Karen Panter, Brian Lee, Ami Erickson. AES Graduate Assistantship Proposal. \$40,790. Submitted January 15, 2013

“Enhancing Agronomic and Economic Profitability of High Tunnel Vegetable Production Systems.” Augustine Obour, Axel Garcia y Garcia, Brian Lee, Jeff Edwards. AES Competitive Grants Program. Amount Requested: \$65,640. Submitted September 6, 2012.

Current/Proposed Hatch Projects:

“Sustainable Agriculture in Eastern Wyoming.” John Tanaka, Joanne Newcomb, Steve Paisley, John Ritten, Brian Lee, Carrie Eberle.

“Wyoming First-grains Project: Market and Industry Development for First-Grains in Wyoming.” Thomas Foulke, David T. Taylor, John P. Ritten, Carrie A. Eberle, Andrew Kniss, Jill F. Keith, Caitlyn Youngquist, Brian P. Lee.

“High Altitude, Head Waters Agriculture.” Proposed Hatch Project currently being written as a collaboration of scientist across the College of Agriculture and Natura Resources under the direction of the Agricultural Experiment Station.

Interviews and Demonstrations:

Media Interviews (Western Ag Network, Food Bank of Wyoming). “2022 Potato donation to Wyoming Food Bank.” In collaboration with Cent\$ible Nutrition and SAREC.

SAREC potato program for grade school kids. Assisted educational program and tour to eight groups (300 participants). Lingle, WY. September 2022.

Hosted 2021 SAREC Field Day in the absence of Director Steve Paisley.

Panel Discussion with Stacy Buchholz for Wyoming LEAD “Importance of Agriculture in Wyoming.” Virtual. 2021

SAREC potato program for grade school kids. Assisted educational program and tour to seven groups (300 participants). Lingle, WY. September 2021.

SAREC potato program for grade school kids. Assisted educational program and tour to eight groups (300 participants). Lingle, WY. September 2020.

SAREC potato program for grade school kids. Assisted educational program and tour to three groups. Lingle, WY. September 2019.

SAREC potato program for grade school kids. Assisted educational program and tour to three groups. Lingle, WY. September 2017.

Wyoming Cheatgrass Challenge Participants Program. Video documentation of the three-year project at SAREC 2015-2017.

Grass depredation caused by utility vehicles on private land. Barbara O’Rourke with Western Area Power Administration (WAPA). Provided insight and an Excel worksheet remotely. July 7, 2017.

Wheatland Wyoming 3rd grade class visits to SAREC. Helped Dr. Steve Paisley with class tour. Lingle, WY. Fall 2015.

Sandra Hansen Scottsbluff Star Herald Ag Editor, “Guar Beans Coming to Goshen County?” June 2015.

Rebecca Martinez for Wyoming Public Radio, “What Could Happen To Producer Profits if Round-Up

Ready Sugar Beets Aren't An Option?" June 6, 2013.

Teaching:

Guest Lecture for ANSC 4220 for Dr. Steve Paisley. March 2019, 2020.

Guest Lecture for PLNT 4790 for Dr. Carrie Eberle. February 2018.

Guest Lecture for AGECE 4640 for Dr. John Ritten. January 26, 2017.

Guest Lecture for AGECE 4640 for Dr. John Ritten. March 2015.

Professional Service:

Moderated a digital session titled "Livestock Performance and Health" at the *2020 Annual Western Agricultural Economics Association virtual conference* June 29-July 1, 2020.

Committee member for Teyvyn Baldwin Master's Degree, University of Wyoming Agricultural and Applied Economics

Committee member for Jacob Asay Master's Degree, University of Wyoming Agricultural and Applied Economics

Reviewed proposed Extension Publications "Final Enterprise Budgets". Jacob Asay thesis work.

Reviewed proposed Extension Publications "Alfalfa Write-up". Jacob Asay thesis work.

Reviewed proposed Extension Publications "Barley Write-up". Jacob Asay thesis work.

Reviewed proposed Extension Publications "Corn Write-up". Jacob Asay thesis work
Reviewed proposed Extension Publications "Establishing Alfalfa Write-up". Jacob Asay thesis work

Reviewed proposed Extension Publications "Switchgrass Crop Budget". Eilish Hanson thesis work.

Reviewed proposed Extension Publications "Switchgrass Fact Sheet". Eilish Hanson thesis work.

Reviewed proposed Extension Publications "1st and 2nd Generation Biofuels". Eilish Hanson thesis work.

Reviewed proposed Extension Publications "Switchgrass Crop Budget". Eilish Hanson thesis work.

Committee member for Jessica Windh Master's Degree, University of Wyoming Agricultural and Applied Economics Department, completed Fall 2019.

Judged 4-H exhibits at the Weston County Fair, Newcastle, WY. August 2017.

Judged 4-H exhibits at the Weston County Fair, Newcastle, WY. August 3, 2016.

Moderated a session titled “Production Practices and Climate Change” at the *2015 Joint Annual Meeting and Workshop on Economics of Water Quality for Northeast Agricultural Resource Economics Association (NAREEA) and the Canadian Agricultural Economics Association (CAEA)*. Newport, RI. June 27-30, 2015. Salon C

Related Activities:

2022 CNP Collective Impact Award with SAREC potato donation to the Food Bank of Wyoming

Eastern Wyoming College Advisory Committee Member

Laramie Peak Fire Zone Meeting. Wheatland Wyoming, June 2019. I shared Rogers Research Center information on behalf of SAREC to the Fire Zone members.

USDA Agroclimate Exchange professional meeting. Spring 2019.

Leadership Education and Development (L.E.A.D) class 14 Fellow. November 2015-January 2017.