

CURRICULUM VITAE FOR EXTENSION EDUCATOR FACULTY

University of Idaho

NAME: Willmore, Carmen J.

DATE: November 13, 2023

RANK OR TITLE: Associate Extension Professor
Bingham County Extension Educator

DEPARTMENT: University of Idaho, Eastern District
College of Agricultural and Life Sciences

OFFICE LOCATION: Bingham County Extension Office
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DATE OF FIRST EMPLOYMENT AT UI: May 26, 2015

DATE OF TENURE: March 30, 2021

DATE OF PRESENT RANK OR TITLE: March 30, 2021

EDUCATION BEYOND HIGH SCHOOL:

Degrees:

M.S., 2015, Animal Science, University of Nebraska, Lincoln, Nebraska.
B.S., 2013, Biology, Iowa State University, Ames, Iowa.

Additional Coursework for Credit:

Strategies for Facilitating Adult Learning, AOLL 575, University of Idaho, 3 credit, Fall 2018.
Forage and Grassland Management, PLSC 504, University of Idaho, 3 credit, Spring 2018.
Range Vegetation Assessment, REM 597, University of Idaho, 2 credit, Fall 2017.
Critical Evaluation of Scientific Research, AVS 504, University of Idaho, 1 credit, Fall 2017.
Ruminant Nutrition, AVS 511, University of Idaho, 3 credits, Spring 2017.
Growth and Lactation, AVS 563, University of Idaho, 3 credits, Fall 2016.
Integrated Rangeland Management, REM 456, University of Idaho, 3 credits, Spring 2016.
Rangeland Ecology, REM 459, University of Idaho, 2 credits, Fall 2015.

Certificates and Licenses:

Annie's Project Facilitator. 2020.
Annie's Project – Managing for Today and Tomorrow Facilitator. 2020.
Nitrate Forage Testing. 2015-Present.
BQA Trainer Certified 2015 – Present
Cow/Calf
Feedlot Doctor
Stocker/Backgrounder
Idaho Professional Applicator License (Statewide Consultant) 2017 – Present.
BQA Transportation Trainer Certified 2018- Present.

EXPERIENCE:

Teaching, Extension and Research Appointments:

Associate Professor, Extension Educator, University of Idaho, Bingham County Extension Office,
Blackfoot, Idaho, August 2022 – Present.

Associate Professor, Extension Educator, University of Idaho, Lincoln County Extension Office, Shoshone, Idaho, May 2015 – August 2022

Academic Administrative Appointments:

UI Extension Priority Extension Team, Food Production Systems Co-Leader. November 2018.
 UI Extension Advisory Board. July 2017 – July 2020. Three-year commitment.
 UI Extension Strategic Planning Committee. March 2017- March 2018.
 Lincoln County Office Chair, 2015-2022.

TEACHING ACCOMPLISHMENTS:

Areas of Specialization:

Agriculture – Livestock and Forage Resources

Interns advised:

AmeriCorp STEAM Half- Time Position. Jacqueline Allen, October 2023 – June 2024.
 AmeriCorp STEAM Summer Position. Arizona Hansen, Summer 2023.
 AmeriCorp STEAM Summer Position. Harlee Davis, Summer 2023.
 University of Idaho Livestock, Forages, and 4-H Intern. Katheryn Fitzgerald, Summer 2017.

Materials developed:

Displays and Posters:

Willmore, C.J. *Beef Cattle Industry in Idaho*. Twin Falls County Fair, Ag Pavilion, Twin Falls County Fair Grounds, Filer, ID. September 1 - September 7, 2021.
 Willmore, C.J. *Beef Cattle Industry in Idaho*. Twin Falls County Fair, Ag Pavilion, Twin Falls County Fair Grounds, Filer, ID. September 2 - September 7, 2020.
 Willmore, C.J. *Beef Cattle Industry in Idaho*. Twin Falls County Fair, Ag Pavilion, Twin Falls County Fair Grounds, Filer, ID. August 27- September 3, 2019.
 Willmore, C.J. *Beef Cattle Industry in Idaho*. Twin Falls County Fair, Ag Pavilion, Twin Falls County Fair Grounds, Filer, ID. August 30-Sep 4, 2018.
 Willmore, C.J. and C. Kinder. *Beef Cattle Industry in Idaho*. Twin Falls County Fair, Ag Pavilion, Twin Falls County Fair Grounds, Filer, ID. August 30 – Sep 4, 2017.
 Hines, S., G. Taylor, J. Packham, **C.J. Willmore**. *Contribution of Agribusiness to the Magic Valley, 2013*. Educational display for the University of Idaho Kimberly Research & Extension Center Twilight Tour, July 20, 2016.
 Willmore, C.J. and Benton Glaze. *Beef Program of Distinction Extension Programming*, Kimberly Twilight Tour. Kimberly, ID. July 20, 2016.

PowerPoint/Slide Presentations:

Willmore, C.J. 2023. *Grazing Goats Sustainably: Utilizing Forages and Pasture Rotation*.
 Willmore, C.J. 2023. *Understanding New Antibiotic Rulings*.
 Willmore, C.J. 2023. *Field Management of Cheatgrass*.
 Willmore, C.J. 2023. *Forage Intake and Digesta Kinetics of Beef Cattle Differing in Feed Efficiency While Grazing Idaho Rangelands*.
 Willmore, C.J. 2022. *Goat Care 101*.
 Willmore, C.J. 2021. *Grasshopper Scouting and Control*.
 Willmore, C.J. 2021. *Utilization of Drought Damaged Feeds*.
 Willmore, C.J. 2021. *Alternative Forages for Sheep and Goats in Drought Years in the West*.
 Willmore, C.J. 2021. *Using Hay Testing Probes*.

- Willmore, C.J. 2020. *Introduction to Owning Dairy Goats and Sheep*.
 Willmore, C.J. 2020. *Early Season Breeding of Sheep and Goats*.
 Willmore, C.J. 2020. *Managing Cereal Varieties for Grazing*.
 Willmore, C.J. 2019. *Grazing Timing and Regrowth of Annual Cereal Forage Cover Crops*.
 Willmore, C.J. 2019. *Management Intensive Grazing Annual Cover Crops*.
 Willmore, C.J. 2018. *Early Detection of Range Weeds and Methods for Control*.
 Willmore, C.J. Packham, M. De Haro Marti, and B. Eborn. 2017. *Calculating Break Even Prices for Goat Dairy Operations*.
 Willmore, C.J. and J. Packham. 2017. *Calving Management- BQA Guidelines*.
 Willmore, C.J. 2017. *Beef Quality Assurance Jeopardy*.
 Willmore, C.J. 2016. *Calving Management for the Prevention of Scours*.
 Willmore, C.J. 2015. *How to Sample Hay*.

Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.:

Livestock:

- Willmore, C.J. *BQA Management Practices Training*. Bonneville County Event Center. Idaho Falls, ID. August 12, 2023.
 Willmore, C.J. *Upcoming Antibiotic Regulatory Changes*. UI Sheep and Goat Webinar. (Zoom Recording). May 10, 2023.
 Willmore, C.J. *Poultry Nutrition: Digestive System Anatomy*. Bingham County 4-H Members. Blackfoot, ID. April 13, 2023.
 Willmore, C.J. *Grazing Goats Sustainably: Utilizing Forages and Pasture Rotation*. Packgoats.com Lifesteading Conference. (Zoom Recording). April 10, 2023.
 Willmore, C.J. *Understanding New Antibiotics Ruling*. Dubios Cattle Producers. (Zoom). February 27, 2023.
 Willmore, C.J. *BQA- Transportation Training (7 modules)*. Blackfoot, ID. February 7, 2023.
 Willmore, C.J. *BQA Management Practices Training*. Blackfoot, ID. February 7, 2023.
 Willmore, C.J., J. Sprinkle, J. Hall, R. Lewis, D. Tolleson, and M. Ellison. *Forage Intake and Digesta Kinetics of Beef Cattle Differing in Feed Efficiency While Grazing Idaho Rangelands*. Society for Range Management Meeting. Boise, ID. February 14, 2023.
 Willmore, C.J. *BQA Management Practices Training*. College of Southern Idaho, Twin Falls, ID. December 7, 2022.
 Willmore, C.J. *Approach to Pasture, Livestock and Weed Management*. Pesticide Training. Burley, ID. November 30, 2022.
 Willmore, C.J. *Approach to Pasture, Livestock and Weed Management*. Pesticide Training. Twin Falls, ID. December 1, 2022.
 Willmore, C.J. *BQA Management Practices Training*. Blackfoot, ID. November 18, 2022.
 Willmore, C.J. *BQA- Transportation Training (7 modules)*. Blackfoot, ID. November 18, 2022.
 Willmore, C., J. Sprinkle, J. Hall, R. Lewis, D. Tolleson, and M. Ellison. *Implications of Beef Cattle Efficiency on Rangeland*. Western Region NACAA- AMPIC. Tucson, Arizona. October 12, 2022.
 Willmore, C. and M. Ellison. *UI- USU- UW Extension: Sheep and Goat Programming, Providing Education to Western Sheep and Goat Producers*. NACAA -AMPIC. Palm Beach, Florida. July, 19, 2022.
 Willmore, C.J. *Goat Care 101*. UI-USU-UW Sheep and Goat Webinar. (Zoom) May 11, 2022.
 Ellison, M and C. **Willmore**. *UI-USU-UW Extension Sheep and Goat Programming: Meeting the Challenges of a Diverse and Disperse Audience*. UI Extension Annual Conference Ignite Session. Moscow, ID. April 14, 2022.
 Willmore, C. J. Packham, and A. Westerhold. *Drought Management Tools and Programs*. Magic Valley Livestock School. Shoshone, ID January 24, 2022.
 Willmore, C. *Goat Care 101*. Center for Rural Affairs (Zoom). February 7, 2022.

- Willmore, C. and M. Ellison. *Early Lamb and Kid Care*. UI-UW-USU Sheep and Goat Webinar (Zoom). January 28, 2021
- Ellison, M. and C. Willmore. *Labor to Colostrum: Step-by-step Parturition*. UI-UW-USU Sheep and Goat Webinar (Zoom). January 21, 2021.
- Ellison, M. and C. Willmore. *Lambing and Kidding Equipment Checklist*. UI-UW-USU Sheep and Goat Webinar (Zoom). December 17, 2020.
- Willmore, C.J. *Introduction to Owning Dairy Goats and Sheep*. UI-UW Sheep and Goat Webinar (Zoom). October 29, 2020.
- Willmore, C.J. *Early Season Breeding of Sheep and Goats*. UI-UW Sheep and Goat Webinar (Zoom). July 16, 2020.
- Willmore, C.J. *BQA- Transportation Training (7 modules)*. Blackfoot, ID. February 24, 2020.
- Willmore, C.J. *Managing Cereal Varieties for Grazing*. Magic Valley Livestock School. Jerome, ID. January 23, 2020.
- Willmore, C.J. *Bovine Reproductive Anatomy*. Magic Valley Livestock School. Shoshone, ID. January 16, 2020.
- Willmore, C.J. *Using Body Condition Scoring for Herd Improvement*. Magic Valley Livestock School. Gooding, ID, January 9, 2020.
- Willmore, C.J. *BQA- Transportation Training (7 modules)*. Beef Quality Assurance Training. Burley, ID, January 4, 2020.
- Willmore, C.J. *BQA- Transportation Training (7 modules)*. Blackfoot, ID, December 10, 2019.
- Willmore, C.J. *BQA- Transportation Training (7 modules)*. Blackfoot, ID, December 2, 2019.
- Willmore, C.J. *Calving Management for the Prevention of Scours*. Beef School. Blackfoot, ID, November 7, 2019 and Bear Lake, ID, November 9, 2019.
- Willmore, C.J., S. Baker, J. Church, and M. Small. 2019. *Young Cattle Producers Conference Builds Leaders in Idaho*. NACAA AMPIC. Fort Wayne, IN. September 10, 2019.
- Willmore, C.J. *Idaho Beef Cow/Calf Industry*. Idaho Young Cattle Producers Conference, Lewiston, ID. June 25, 2019.
- Willmore, C.J. *What Makes a Rumen Function?* Idaho Junior Beef Expo, Filer, ID. June 15, 2019.
- Willmore, C.J. *Biosecurity on the Farm*. Camas County Meat Camp, Fairfield, ID. May 29, 2019.
- Willmore, C.J. *Introduction to Beef Quality Assurance*. Producers Livestock Marketing Association, Jerome, ID. April 26, 2019.
- Willmore, C.J. *Proper Euthanasia*. Producers Livestock Marketing Association, Jerome, ID. April 26, 2019.
- Willmore, C.J. *Livestock Record Keeping*. Producers Livestock Marketing Association, Jerome, ID. April 26, 2019.
- Willmore, C. J. *Forage Induced Metabolic Disorders in Livestock*. PLSC 504 Guest Lecture (Zoom), Shoshone, ID. April 12, 2019
- Willmore, C.J., S. Hines, J. Packham, L. Golden, and P. Purdy. *Management Intensive Grazing Annual Cover Crops*. Shoshone-Bannock Tribes Agricultural Resources Management (ARM) Program – 27th Annual Growers Meeting, Blackfoot, ID. February 15, 2019.
- Willmore, C.J., S. Hines, J. Packham, L. Golden, and P. Purdy. *Management Intensive Grazing Annual Cover Crops*. Magic Valley Livestock School, Jerome, ID. January 31, 2019.
- Willmore, C. J. *Introduction to BQA Transportation*. Con Paulos Chevrolet Classroom, Jerome, ID. January 4, 2019
- Willmore, C.J. *Biosecurity*. Con Paulos Chevrolet Classroom, Jerome, ID. January 4, 2019.
- Willmore, C.J. *Pre-Trip Planning and Loading*. Con Paulos Chevrolet Classroom, Jerome, ID. January 4, 2019.
- Willmore, C.J. *Risk Emergency Management*. Con Paulos Chevrolet Classroom, Jerome, ID. January 4, 2019.

- Willmore, C.J., C. Kinder, J. Packham, and L. Golden. Magic Valley Livestock Schools, Shoshone, Gooding, Oakley and Carey, ID. January 25, February 8, 15 and 27, 2018.
BQA – Calving Management
National BQA Audit – Feeder Cattle Audit Results
- Baker, S., **C.J. Willmore** and J. Church. *Young Cattle Producers Conference Program*. Idaho Cattle Association Annual Meeting, Sun Valley, ID. November 15, 2017.
- Willmore, C. J., J. Packham, M. De Haro Marti, and B. Eborn. *Calculating Break Even Prices for Goat Dairy Operations*. Dairy Goat and Sheep Workshop. Gooding, ID. July 25, 2017.
- Willmore, C. J. Magic Valley Livestock School, Gooding and Shoshone, ID. January 31 and February 16, 2017.
Scours Identification and Treatment
Forage Trace Mineral Status of Lincoln County ID
BQA- Calving Management Practices
- Willmore, C. J. *What is Extension?* Career Fair, Western Rangeland CDE, Hailey, ID. November 7, 2016.
- Willmore, C. J. *Calving Management for Prevention of Scours*, Livestock School. Gooding, ID January 21, 2016.
- Willmore, C. J. Magic Valley Livestock School. Jerome, ID, December 17, 2015. (2 Presentations)
BQA – Appropriate Needle use on Cattle
BQA – Proper Health Management

Forages:

- Willmore, C.J. *Field Management of Cheatgrass*. Butte County SWCD. (Zoom). February 16, 2023.
- Willmore, C.J. *Approach to Pasture, Livestock and Weed Management*. Pesticide Training. Shoshone, Idaho. February 11, 2022.
- Willmore, C. J. *Grasshopper Scouting and Control*. Pesticide Training. Burley, Idaho. December 1, 2021.
- Willmore, C. J. *Utilization of Drought Damaged Feeds*. Management During Drought Webinar Series. (Zoom). August 8, 2021.
- Willmore, C. J. *Alternative Forages for Sheep and Goats in Drought Years in the West*. UI-UW-USU Sheep and Goat Webiar. (Zoom). May 12, 2021.
- Willmore, C. J. *Using Hay Testing Probes*. Idaho SARE Instrumentation Workshop. (Zoom). January 15, 2021.
- Willmore, C. J. and C. Tanner. *Grazing management, animal performance and duration of grazing/optimizing animal moves*. PNW Webinar Series: PNW Inland Pasture Calendar. (Zoom: Oregon, Washington and Idaho). November 5, 2020.
- Willmore, C. J. and S. Duggan. *Hazards and Perils found in pastures*. PNW Webinar Series: PNW Inland Pasture Calendar. (Zoom: Oregon, Washington and Idaho). November 4, 2020.
- Willmore, C.J., S. Duggan, and T. Hudson. *The Good, The Bad and The Ugly of PNW Pastures*. PNW Webinar Series: PNW Inland Pasture Calendar. (Zoom: Oregon, Washington and Idaho). November 3, 2020.
- Willmore, C.J. *Hay Sampling: Techniques and Equipment*. 2020 North Idaho Forage and Grazing School. (Zoom), October 21, 2020.
- Willmore, C.J. *How to perform and interpret a Nitrate Quick Test*. 2020 Idaho Association of County Agriculture Agents Conference. Shoshone, ID, September 23, 2020.
- Willmore, C.J., M. Ellison, S. Hines, J. Packham, L. Golden, J. Thomas, J. Sagers, G. Shewmaker, and R. Roemer. *Grazing Timing and Regrowth of Annual Cereal Forage Cover Crops*. 2020 Idaho Hay and Forage Conference. Twin Falls, ID, February 20, 2020.
- Willmore, C.J., M. Ellison, S. Hines, J. Packham, L. Golden, J. Thomas, J. Sagers, G. Shewmaker, and R. Roemer. *Grazing Timing and Regrowth of Annual Cereal*

- Forage Cover Crops*. 2019 Western Alfalfa and Forage Symposium. Reno, NV, November 21, 2019.
- Ellison, M., **C.J. Willmore**, S. Hines, J. Packham, L. Golden, J. Thomas, J. Sagers, G. Shewmaker, and R. Roemer. *Simulated Grazing Timing and Regrowth of Annual Cereal Forage Cover Crops*. WERA- 1014 Annual Meeting. Carmen, ID. October 15, 2019.
- Willmore, C.J., S. Hines, J. Packham, L. Golden, P. Purdy, J. Sagers, G. Shewmaker, R. Roemer, and M. Ellison. *Timing the Harvest for Annual Cover Crops*. Eastern Idaho Forage Schools, Mud Lake, ID. March 12, 2019.
- Sagers, J., **C.J. Willmore**, S. Hines, J. Packham, L. Golden, P. Purdy, G. Shewmaker, R. Roemer, and M. Ellison. *Timing the Harvest for Annual Cover Crops*. Eastern Idaho Forage Schools, Preston, ID. March 14, 2019
- Willmore, C.J., S. Hines, J. Packham, L. Golden, J. Thomas, J. Sagers, M. Ellison, G. Shewmaker, and R. Roemer. *Simulated Grazing Timing and Regrowth of Annual Cereal Forage Cover Crops*. Idaho Hay and Forage Conference, Burley, ID. February 22, 2019.
- Willmore, C. J. *Early Detection of Range Weeds and Methods of Control*. Pesticide Recertification Class.
December 5, 2018 Burley, Idaho.
December 6, 2018 Twin Falls, Idaho.
- Willmore, C. J. *Weed Identification and Control*. WRSWCD Pesticide Recertification Class. Shoshone, ID. February 16, 2018.
- Willmore, C. J. *Grasshopper Scouting and Control*. Pesticide Recertification Class.
December 13, 2017 Burley, Idaho.
December 14, 2017 Twin Falls, Idaho.
- Willmore, C. J. *Hay Quality Sensory Evaluation*, Idaho Hay and Forage Growers Conference. Burley, ID. March 2, 2017.
- Sprinkle, J., S. Baker, J. Church, R. Findlay, S. Graf, S. Jensen, S. Williams, and **C.J. Willmore**. *Mineral Supplementation of Range Livestock & Regional Assessment of Mineral Status in Forage & Range Grasses*. Idaho Range Livestock Symposium.
Jan 10, 2017 Salmon, Idaho.
Jan 11, 2017 Twin Falls, Idaho.
Jan 12, 2017 Marsing, Idaho.
- Willmore, C. J. *Range Plant Identification*, Western Regional Rangeland CDE, Rock Creek Ranch, ID. November 8, 2016.
- Willmore, C. J. *How to Sample Hay*, Hay School. Shoshone, ID, October 15, 2015.

Economics/Farm Finance:

- Willmore, C. J. Estate Planning Class, Gooding, ID, February 26, 2020 – March 18, 2020.
(2 Presentations)
Family Meeting Agenda
Retirement Planning
- Willmore, C. J. Estate Planning Class, Burley, ID, December 18, 2019 – January 22, 2020.
(2 Presentations)
Family Meeting Agenda
Retirement Planning
- Willmore, C.J., Estate Planning Class, Buhl, Shoshone and Burley, ID. January 9 – February 1, 2018. (12 Presentations)
Mission Statements and Goals
Where do I fit in? – Job Descriptions
Business Structures
Goals and Mission Statements – Follow Up
- Willmore, C. J., S. Hines, J. Packham, and G. Taylor. *Analyzing the Contribution of Agribusiness to the Magic Valley Economy*. IACAA Summer Meeting. Pocatello, ID. June 10, 2017.

- Willmore, C. J. Farm Financial Management School, Jerome and Burley, ID. January 11-February 16, 2017 (8 Presentations)
Establish Mission Statement and Strategic Goals
Probabilities vs Cost of Production
Insurance (Crop, Liability and Life)
Present Mission Statements and Goals to the Class
- Willmore, C. J. Excel Essentials. Jerome, ID April 12-21, 2016 (5 Presentations).
Template Design
Saving Workbooks
Windowing Worksheets and Workbooks
Entering and Editing Data
Creating Charts
- Willmore, C. J. Farm Financial Management School. Jerome and Rupert, ID January 6 – February 11, 2016. (8 Presentations).
Establishing Mission Statements and Strategic Goals
Introduction to Income Statements
Insurance (Crop, liability, life)
Review of Mission Statements and Strategic Goals

4-H Youth Development:

- Willmore, C.J. *Ruminant Anatomy and Digestion Dissection*. Bingham County Livestock Education Day Camp. Blackfoot, ID. May 31, 2023.
- Willmore, C.J. *The Adventure of Rangeland Uses*. Wilcox Elementary School Field Trip. Pocatello, ID. May 25, 2023.
- Willmore, C.J. *The Adventure of Rangeland Uses*. Massacre Rocks State Park Field Day. Massacre Rocks State Park, ID. May 22, 2023.
- Willmore, C.J. *Rabbit Nutrition*. Bingham County Rabbit 4-H club. Blackfoot, ID. May 5, 2023.
- Willmore, C.J. *Poultry Nutrition*. Bingham County Poultry 4-H club. Blackfoot, ID. April 13, 2023.
- Willmore, C.J. *Chickens 101 – Egg Life Cycle and Identifying Fertile Chicken Eggs*. Blackfoot, ID. April 6, 2023.
- Willmore, C.J. *Sheep & Goat Quiz Bowl - Sheep & Goat Education Day*. Shoshone, ID. April 1, 2023.
- Willmore, C.J. *Dabble in Dissection – Fetal Pig Dissection*. Blackfoot, ID. March 27, 28, & 29, 2023.
- Willmore, C.J. *Chickens 101 – Chicken Breeds*. Blackfoot, ID. March 16, 2023
- Willmore, C.J. *Dabble in Dissection – Frog Dissection*. Blackfoot, ID. March 13 & 15 2023.
- Willmore, C.J. *Dabble in Dissection – Crawdad Dissection*. Blackfoot, ID. March 7, 2023.
- Willmore, C.J. *Chickens101 – Incubating Eggs*. Blackfoot, ID. March 2, 2023
- Willmore, C.J. State 4-H Livestock Management Skill-A-Thon Competition, Jerome, ID. January 21, 2023
Hay Judging – Junior and Senior Division
Nutrition and Feeding (Team Activity) – Junior and Senior Division
- Willmore, C.J. Eastern District Livestock Management Skill-A-Thon Competition, Rigby, ID. December 10, 2022.
Wool Judging – Junior and Senior Division
Keep/Cull Scenario – Junior and Senior Division
- Willmore, C.J. Sheep and Goat Education Day. *Wool Judging*. Shoshone, ID. June 25, 2022.
- Willmore, C.J. State 4-H Livestock Management Skill-A-Thon Competition, Jerome, ID. January 22, 2022.
Livestock Feeding – Junior & Senior Division
Feed Identification – Senior Division
Wool Judging – Junior & Senior Division

- Willmore, C.J. State 4-H Livestock Management Skill-A-Thon Competition, Jerome, ID
January 23, 2021
Feed Identification – Junior & Senior Division
Ration Calculating – Junior Division
- Willmore, C.J. State 4-H Livestock Management Skill-A-Thon Competition, Jerome, ID
January 18, 2020
Hay Judging Scenario – Junior & Senior Division
Livestock Breeding Scenario – Junior & Senior Division
- Willmore, C.J. Rangeland Curriculum Leader Training, Shoshone, ID. May 8, 2019.
- Willmore, C. J. State 4-H Livestock Management Skill-A-Thon Competition, Jerome, ID.
January 26, 2019.
Wool Judging – Junior & Senior Division
Calculating Rations
Quality Assurance
- Willmore, C. J. State 4-H Livestock Management Skill-A-Thon Competition, Jerome, ID.
January 27, 2018.
Hay Judging – Junior & Senior Division
Quality Assurance
Feed Identification
- Willmore, C. J. District III Beef Education Day. Gooding, ID. April 29, 2017
What does Scours look like?
Treatment of Scours in Young Beef Calves
- Willmore, C. J. *Equine Injection Safety*. District III Horse Carnival. Jerome, ID. April 27,
2017.
- Willmore, C. J. State 4-H Livestock Management Skill-A-Thon Competition, Jerome, ID.
January 14, 2017.
Hay Judging- Junior & Senior Division
Meat Identification
Quality Assurance
- Willmore, C. J. District III Livestock Skill-A-Thon Competition, Gooding, ID. December
3, 2016.
Quality Assurance
Livestock Knowledge Quiz
Hay Judging – Junior & Senior Division
- Willmore, C. J. District III Swine Education Camp. Gooding, ID June 8, 2016 (2
Presentations)
PQA Injection Use and Safety
PQA Understanding Labels and Withdrawal Times
- Willmore, C. J. District III Beef Education Camp. Shoshone, ID May 7, 2016 (4
Presentations).
Feed Identification
Beef Steer Ration Building
BQA Injection Safety
BQA Implant Use
- Willmore, C. J. *Nutrition for a Healthy Dairy Heifer*. Lincoln County Dairy Education Day.
Richfield, ID, April 30, 2016.
- Willmore, C. J. *Equine Injection Safety*, District III Horse Carnival. Jerome, ID, April 28,
2016.
- Willmore, C. J. District III Livestock Skill-A-Thon. Gooding, ID, December 5, 2015. (2
Presentations)
Appropriate Needle Use and Handling
Marketing Carcasses on the Grid
- Willmore, C. J. District III Swine Camp. Gooding, ID June 3, 2015. (3 Presentations).
Swine Identification
Swine Anatomy
Proper Handling and Care of Livestock Medications

Honors and Awards:

- Willmore, C. Achievement Award Winner. National Association of County Agricultural Agents. 2022
- Willmore, C., M Ellison, W. Stewart. and C. Page. Search for Excellence in Livestock Production, Regional Finalist. National Association of County Agricultural Agents. 2022
- Willmore, C., M. Ellison, C. Page, and W. Stewart. UI Excellence in Extension Team Award. 2022
- Baker, S., C. Willmore, J. Church and M. Small. Search for Excellence in Livestock Production, State Winner, National Association of County Agricultural Agents. 2021.
- Harrison, S.N., Eborn, B.M., Findlay, J.R., Hines, S., Hogge, J., Nunn, L.G. Packham, J.H., **Willmore, C.** Search for Excellence in Farm and Ranch Financial Management, National Award Winner, National Association of County Agricultural Agents. 2018.
- Willmore, C.J. NACAA Communications Award – Idaho State Winner for Fact Sheet Titled – “Calf Scours – Recognition Guide”. 2018.

SCHOLARSHIP ACCOMPLISHMENTS:**Description of personal contributions:**

- a. Graduate work
1. Developed project idea.
 2. Obtained or provided project funding/resources.
 3. Collected data.
 4. Analyzed data.
 5. Contributed significantly to writing.
 6. Contributed significantly to editing.

Publications, Exhibitions, Performances, Recitals:**Refereed:****Journals:**

- Willmore, C.J., S. Baker, M. Small, and J. Church. 2021. *Young Cattle Producers Conference Develops Leaders in Idaho*. Journal of Extension, Ideas at Work. (Vol. 59, Issue 1, 2021). **(1,2,3,4,5,6)**
- Sprinkle, J., M. Ellison, J. Hall, J. Yelich, C. Willmore, and J. Brennan. 2021. *Grazing behavior and production for lactating cows differing in residual feed intake while grazing spring and summer rangeland*. 2021 Translational Animal Science. 2021 5: 1-23. Doi:10.1093/tas/txab063. **(3)**
- Willmore, C. J., J. B. Hall, and M. E. Drewnoski. 2021. *Effect of Trace Mineral Injection on Performance and Trace Mineral Status of Beef Cows and Calves*. Animals 2021. 11,2231. <https://doi.org/10.3390/ani11082331>. **(a.)**
- Sprinkle, J., S. Baker, J. Church, R. Findlay, S. Graf, S. Jensen, S. Williams, **C.J. Willmore**, J. Lamb, and D. Hansen. 2018. *CASE STUDY: Regional assessment of mineral element concentrations in Idaho forage and range grasses*. The Professional Animal Scientist. Vol. 34, Issue 5, Pg. 494-504. **(3,5,6)**
- Willmore, C. J., J. B. Hall, S. Harrison, and M. E. Drewnoski. 2015. *Effect of a trace mineral injection on pregnancy rate of Angus beef heifers when synchronized using the 14-day controlled internal drug-releasing insert-prostaglandin F_{2α} protocol at a commercial feedlot*. The Professional Animal Scientist. Vol 31, Issue 6, pg. 588-592. **(a.)**
- Drewnoski, M. E., **C. J. Brasche** and S.L. Hansen. 2014. *Effects of dietary sulfur source on rumen pH and hydrogen sulfide gas concentration*. Livestock Science 165:66-69. **(a.)**

Extension Publications:

- Betts, N., T. Roland, G. Silkwood, B. Henderson, S. Nash, J. Rickman, and **C. Willmore**. 2021. Rangeland Outreach Activities Manual. University of Idaho Extension Bulletin. BUL 1002.
<https://www.extension.uidaho.edu/publishing/pdf/ECS/ECS016.pdf> (3,5)
- Betts, N., T. Roland, G. Silkwood, B. Henderson, S. Nash, J. Rickman, and **C. Willmore**. 2021. Rangeland Outreach Activities Manual – Coach’s Guide. University of Idaho Extension Bulletin. BUL 1002.
<https://www.extension.uidaho.edu/publishing/pdf/ECS/ECS017.pdf> (3,5)
- Willmore, C.J., S. Hines, and J. Thomas. 2020. *Grasshopper Management in the Pacific Northwest*. University of Idaho Extension Bulletin. BUL 972.
<https://www.extension.uidaho.edu/publishing/html/BUL972-Grasshopper-Management-in-the-Pacific-Northwest.aspx> (1,2,3,4,5,6)
- Willmore, C. J. and J. Packham. 2018. *BQA Calving Management Guidelines*. University of Idaho BQA Bulletin. BUL 920.
<https://www.extension.uidaho.edu/publishing/pdf/BUL/BUL920.pdf> (1,2,3,4,5,6)
- Willmore, C. J. 2018. *BQA Guidelines for Culling Beef Animals*. University of Idaho BQA Bulletin. BUL 919.
<https://www.extension.uidaho.edu/publishing/pdf/BUL/BUL919.pdf> (1,2,3,4,5,6)
- Willmore, C. J. 2018. *BQA Feedstuffs Guidelines*. University Idaho BQA Bulletin. BUL 918. <https://www.extension.uidaho.edu/publishing/pdf/BUL/BUL918.pdf> (1,2,3,4,5,6)
- Hines, S., J. Packham, **C.J. Willmore**, and G. Taylor. 2018. *Contribution of Agribusiness to the Magic Valley Economy*, 2013. BUL 916.
<https://www.extension.uidaho.edu/publishing/pdf/BUL/BUL916.pdf> (3,4,5,6)

Abstracts and Proceedings:

- Brasche, C. J., J. B. Hall, R. Kasimanickam, and M. E. Drewnoski. 2014. *Effects of an injectable trace mineral on pregnancy rate of virgin heifers when synchronized using the 5-day Co-Synch plus CIDR or 14-day CIDR-PG protocol*. American Society of Animal Science Meetings, Kansas City, KS. (Abstract) (a.)
- Brasche, C. J., J. B. Hall and M. E. Drewnoski. 2014. *Effect of an injectable trace mineral (Multimin®90) on reproductive performance of beef cows grazing irrigated pasture*. American Society of Animal Science Meetings, Kansas City, KS. (Abstract) (a.)
- Brasche, C. J., J. B. Hall, R. Kasimanikam, and M. E. Drewnoski. 2013. *Effects of an injectable trace mineral on pregnancy rate of virgin heifers when synchronized using the 5-day Co-Synch plus CIDR or 14-day CIDR-PG protocol*. Pacific Northwest Nutrition Conference. (Abstract) (a.)

Peer Reviewed/Evaluated:**Journals:**

- Hogge, J., S. Hines, J. Packham, and **C.J. Willmore**. 2020. Evaluation Planting Date for Interseeding Cover Crops into Corn for Silage. Journal of NACAA. Vol 13, Issue 1, June 2020. ISSN 2158-9429. (3,4,5,6)

Abstracts and Proceedings:

- Willmore, C., J. Sprinkle, J. Hall, R. Lewis, D. Tolleson, and M. Ellison. *Implications of Beef Cattle Efficiency on Rangeland*. Western Region NACAA- AMPIC. Tucson, Arizona. October 12, 2022. Abstract. (1,2,3,4,5,6)

- Willmore, C. and M. Ellison. *UI- USU- UW Extension: Sheep and Goat Programming, Providing Education to Western Sheep and Goat Producers*. NACAA -AMPIC. Palm Beach, Florida. July, 19, 2022. Abstract **(1,2,3,4,5,6)**
- Ellison, M and **C. Willmore**. *UI-USU-UW Extension Sheep and Goat Programming: Meeting the Challenges of a Diverse and Disperse Audience*. UI Extension Annual Conference Ignite Session. Moscow, ID. April 14, 2022. **(1,2,3,4,5,6)**
- Sprinkle, J. E., M. Ellison, J. Hall, J. Yelich, **C.J. Willmore** and J. Brennan. *Are low-residual feed intake cows adapted to rangelands?* *Translational Animal Science*, Volume 3, Issue Supplement_1, December 2019, Pages 1797-1801, <http://doi.org/10.1093/tas/txz101>. (Western Section Proceedings) **(3)**
- Willmore, C.J., M. Ellison, S. Hines, J. Packham, L. Golden, J. Thomas, J. Sagers, G. Shewmaker, and R. Roemer. *Grazing Timing and Regrowth of Annual Cereal Forage Cover Crops*. 2019 Western Alfalfa and Forage Symposium. Reno, NV, November 21, 2019. (Proceedings) **(1,2,3,4,5,6)**
- Willmore, C.J., S. Hines, J. Packham, L. Golden and P. Purdy. 2019. *Management Intensive Grazing Annual Cover Crops*. NACAA AMPIC. Fort Wayne, IN. (Abstract) **(1,2,3,4,5,6)**
- Willmore, C.J., S. Baker, J. Church, and M. Small. 2019. *Young Cattle Producers Conference Builds Leaders in Idaho*. NACAA AMPIC. Fort Wayne, IN. (Abstract) **(1,2,3,4,5,6)**
- Willmore, C.J., S. Hines, J. Packham, L. Golden, J. Thomas, J. Sagers, M. Ellison, G. Shewmaker and R. Roemer. *Simulated Grazing Timing and Regrowth of Annual Cereal Forage Cover Crops*. NACAA AMPIC. Fort Wayne, IN. (Abstract) **(1,2,3,4,5,6)**
- Willmore, C.J., S. Baker, J. Church. and M. Small. 2019. *Idaho Young Cattle Producer Conference Builds Leaders in Idaho*. Joint Council of Extension Professional AMPIC. San Antonio, TX. (Abstract) **(1,2,3,4,5,6)**
- Baker, S., **C.J. Willmore**, and J. Church. 2017. *Young Cattle Producers Conference Produces Leaders in Idaho*. Western Region NACAA Annual Meeting/ Professional Improvement Conference. Albuquerque, NM. (Abstract) **(1,2,3,4,5,6)**
- Willmore, C.J., S. Hines, J. Packham, and G. Taylor. 2017. *Analyzing the Contribution of Agribusiness to the Magic Valley Economy*. Western Region. NACAA Annual Meeting/ Professional Improvement Conference. Albuquerque, NM. (Abstract) **(3,4,5,6)**
- Willmore, C.J., S. Hines, J. Packham, and G. Taylor. 2017. *Analyzing the Contribution of Agribusiness to the Magic Valley Economy*. NACAA Annual Meeting/ Professional Improvement Conference. Salt Lake City, UT. (Abstract) **(3,4,5,6)**
- Willmore, C.J., S. Hines, J. Packham, and G. Taylor. 2017. *Analyzing the Contribution of Agribusiness to the Magic Valley Economy*. IACAA Summer Meeting. Oral Presentation. Pocatello, ID. (Abstract) **(3,4,5,6)**
- Brasche, C.J., J. B. Hall, M. E. Drewnoski. 2015. *Effect of trace mineral injection on growth and trace mineral status of nursing beef calves*. Midwest American Society of Animal Science Meetings, Des Moines, Iowa. (Abstract). **(a.)**
- Brasche, C.J., J. B. Hall, S. Harrison, M. E. Drewnoski. 2015. *Effect of a trace mineral injection on pregnancy rate of purebred and commercial Black Angus heifers synchronized using a 14-day controlled internal drug releasing device- prostaglandin protocol*. Midwest American Society of Animal Science Meetings, Des Moines, Iowa. (Abstract) **(a.)**
- Brasche, C.J., M. E. Drewnoski and S. L. Hansen. 2012. *Effects of Dietary Sulfur Source on Rumen pH and Hydrogen Sulfide Gas Concentration*. Undergraduate Poster Competition Participant. Midwest American Society of Animal Science Meetings, Des Moines, Iowa. (Abstract) **(a.)**

Extension Publications:

- Eborn, B.M., **C.J. Willmore**, J. Packham, and N. Rimbe. 2016. *Cow-Calf, Summer on Federal, Private and State Range, Winter Feeding Necessary, Costs and Returns Estimate – Southcentral Idaho*. University of Idaho Extension. Costs and Returns Estimate No. EBB-CC4-16. **(3,4,5,6)**

Research Reports:

- Brasche C. J., J.B. Hall, R. Kasimanickam, and M. E. Drewnoski. 2013. *Effect of an injectable trace mineral on pregnancy rate of heifers when synchronized using the 5-day Co-Synch plus CIDR or 14-day CIDR-PG protocol*. University of Idaho – Beef Report. (a.)
- Brasche C. J., J. B. Hall and M. E. Drewnoski. 2013. *Effect of an injectable trace mineral (Multimin ® 90) on reproductive performance of cows*. University of Idaho – Beef Report. (a.)
- Brasche, C. J., M. E. Drewnoski and S.L. Hansen. 2012. *Effects of Dietary Sulfur Source on Rumen pH and Hydrogen Sulfide Gas Concentration*. Iowa State University Animal Industry Report. (a.)

New Curricula Published:

Refereed/Adjudicated (in press or submitted):

Peer Reviewed (in press or submitted):

Other:

Impact Statements:

- Willmore, C. J. M. Ellison, and C. Page. 2023. *Sheep and goats webinar series: Reaching a diverse and disperse audience*. University of Idaho Extension.
- Loomis, G., A. Westerhold, and C. Willmore. 2021. *Improving farm risk management skills through Annie's Project*. University of Idaho Extension.
- Packham, J., A. Westerhold, S. Hines, and C.J. Willmore. 2020. *Succession and estate planning may require a complete change in business structure*. University of Idaho Extension.
- Westerhold, A., J. Packham, S. Hines, C.J. Willmore, and N. Ghimire. 2018. *Succession planning workshop impacted farmers and ranchers in the Magic Valley*. University of Idaho Extension.
- Hogge, J., S. Hines, J. Packham, and C.J. Willmore. 2018. *Interseeding cover crops into growing corn shows promise for grazing and soil cover*. University of Idaho Extension.
- Wilfong, A., C. Kinder, S. Nash, C.J. Willmore, and S. Baker. 2018. *Youth demonstrate knowledge of animal science at statewide Livestock Sill-a-thon*. University of Idaho Extension.
- Roland, T., C.J. Willmore, S. Baker, and N. Dalton. 2018. *Idaho 4-H Rangeland Skill-a-thon: increasing youth education in rangelands*. University of Idaho Extension.
- Hines, S., J. Packham, C.J. Willmore, L. Golden, and J. Hogge. 2017. *University of Idaho Extension continues important cover crop research*. University of Idaho Extension.
- Small, M., C.J. Willmore, S. Baker, J. Church, S. Williams, T. Roland, C. Kinder, and B. Glaze. 2017. *2017 Idaho Young Cattle Producer Conference*. University of Idaho Extension.
- Willmore, C.J., C. Kinder, A. Wilfong, G. Manker, and M. Barlow. 2017. *Youth Beef Education Day links livestock production, food quality and safety*. University of Idaho Extension.
- Findlay, R., J. Sprinkle, S. Baker, J. Church, S. Williams, C. Willmore, S. Jensen, and S. Graf. 2017. *Assessment of the Mineral Status of Forage and Range Grasses in Idaho*. University of Idaho Extension.
- Willmore, C.J., Kinder, C., and Sherman, M. 2016. *Swine Camp teaches nationally recognized good production practices*. University of Idaho Extension.

Abstracts and Proceedings:

Research Reports:

Worksheets, charts and other miscellaneous publications:

Thesis and Dissertations:

Brasche, C.J. 2015. *Effect of a trace mineral injection on beef cattle performance*. Master's thesis, University of Nebraska, Lincoln, NE.

Scholarly Presentations and Other Creative Activities:

Willmore, C.J., J. Sprinkle, J. Hall, R. Lewis, D. Tolleson, and M. Ellison. *Forage Intake and Digesta Kinetics of Beef Cattle Differing in Feed Efficiency While Grazing Idaho Rangelands*. Society for Range Management Meeting. Boise, ID. February 14, 2023.

Willmore, C., J. Sprinkle, J. Hall, R. Lewis, D. Tolleson, and M. Ellison. *Implactions of Beef Cattle Efficiency on Rangeland*. Western Region NACAA- AMPIC. Tucson, Arizona. October 12, 2022.

Willmore, C. and M. Ellison. *UI- USU- UW Extension: Sheep and Goat Programming, Providing Education to Western Sheep and Goat Producers*. NACAA -AMPIC. Palm Beach, Florida. July, 19, 2022.

Willmore, C.J., S. Hines, J. Packham, L. Golden and P. Purdy. 2019. *Management Intensive Grazing Annual Cover Crops*. NACAA AMPIC. Fort Wayne, IN. September 10, 2019.

Willmore, C.J., S. Hines, J. Packham, L. Golden, J. Thomas, J. Sagers. M. Ellison, G. Shewmaker and R. Roemer. *Simulated Grazing Timing and Regrowth of Annual Cereal Forage Cover Crops*. NACAA AMPIC. Fort Wayne, IN. September 11, 2019.

Baker, S., **C.J., Willmore**, and J. Church. *Young Cattle Producers Conference Produces Leaders in Idaho*. Western Region NACAA Annual Meeting/ Professional Improvement Conference. Albuquerque, NM. October 25, 2017.

Willmore, C. J., S. Hines, J. Packham, and G. Taylor. *Analyzing the Contribution of Agribusiness to the Magic Valley Economy*. Western Region. NACAA Annual Meeting/ Professional Improvement Conference. Albuquerque, NM October 25, 2017.

Displays and Posters:

Hogge, J. S. Hines, J. Packham and **C.J. Willmore**. *Evaluating planting date for interseeding cover crops into corn for silage*. Western Region NACAA Conference. Great Falls, MT. October 1-2, 2019.

Willmore, C.J., S. Baker, M. Small, and J. Church. *Young Cattle Producers Conference Builds Leaders in Idaho*. Joint Council of Extension Professionals Professional Development Conference, San Antonio, TX, February 7, 2019.

Willmore, C.J., S. Hines, J. Packham, L. Golden, H. Neibling, and P. Purdy. *Management Intensive Grazing of Forage Cereal Cover Crops*. UI Extension Annual Conference. April 3, 2018.

Willmore, C. J., S. Hines, J. Packham, and G. Taylor. *Analyzing the Contribution of Agribusiness to the Magic Valley Economy*. NACAA Annual Meeting/ Professional Improvement Conference. Salt Lake City, UT. July 10-13, 2017.

Grants and Contracts Awarded:**Principal Investigator (Full Spending Authority):**

Willmore, C. J. *Enhancing Processing and Access to Local Food in Idaho*. Western Region SARE 2020-21 State Professional Development Program Grant. 2021-2023. **\$90,000**

Willmore, C. J., S. Hines, J. Packham, G. Shewmaker, M. Ellison, J. Sagers, and J. Thomas. *Simulated Grazing Timing and Regrowth of Annual Cereal Forage Cover Crops*. Innovative Project Award. 2019. **\$7,500**

- Willmore, C. J., S. Hines, J. Packham, L. Golden, G. Shewmaker, and M. Ellison. *Simulated Grazing Timing and Regrowth of Annual Cereal Forage Cover Crops*. Innovative Project Award. 2018. **\$4,492.**
- Willmore, C. J., P. Hurley, B. Messick, D. Romano, R. Sharpnack, T. Gregory and T. Ruby. *Bacteria vs. Cheatgrass: Use of Plateau and Pseudomonas fluorescens for control of cheatgrass and reestablishment of native rangeland species*. David Little Livestock Range Management Endowment. 2017. **\$10,000.**
- Willmore, C.J., C. Kinder, A. Wilfong and G. Manker. *Idaho BQA Targeting Millennials Grant*. 2017. **\$300.**
- Willmore C. J., C. Kinder and J. Packham. *Idaho BQA Training Grant*, 2017. **\$500.**
- Willmore, C.J. and Kinder C. *Idaho BQA Training Grant*. 2016. **\$500.**

Collaborator:

- Fransen, S., G. Shewmaker, G. Wang, M. Bohle, I. McGregor, C. Tanner, **C.J. Willmore**, S. Norberg, S. Duggan, S. Jensen, T. Hudson, S. Arispe, R. Koenig, R. Fleenor, B. Brazee, T. Deboodt, D. Llewellyn. *Inland Northwest Pasture Calendar for Agricultural Professionals*. Western Region SARE- Professional Development Program Grant. 2019-2020. **\$75,623.**
- Hogge, J., S. Hines, J. Packham, and **C.J. Willmore**. *Analyzing the timing of interseeding cover crops into established silage corn*. Innovative Project Award. May 2017- May 2018. \$5000.
- Sprinkle, J., **C.J. Willmore**, Graf, S., Baker, S., Williams, S., Findlay, R., Jensen, S., and Church, J. *Regional Assessment of Mineral Status in Forage and Range Grasses*. University of Idaho Critical Issues Grant. 2016. \$4,990.

In-Kind and Industry Support:

- Sprinkle, J. E. and **C.J. Willmore**. *Forage Intake on Rangeland for Beef Cows Differing in Feed Efficiency*. In-kind lab analysis donation, Sonora A & M AgriLife Research Center, 2016-2017, \$6,000. 15% Effort

Money Honors and Awards:

- Idaho JCEP Scholarship Recipient. 2017. \$300
G. Elbert McProud Scholarship Recipient. 2016. \$500

SERVICE:**Major Committee Assignments:****Regional:**

- Western SARE PDP and R2GR Grant Selection Committee. January 2021.
Western SARE Fellows Selection Committee. May 2020.

University:

- Idaho SARE Co-Coordinator. January 2020 – Present.
Rangeland Center. May 2015- Present
UI Central District Director Search Committee. January – March 2022.
Extension Advisory Committee, UI Extension. March 2017- 2021.
Beef Program of Distinction. May 2015 – 2018.

College:

- Rinker Rock Creek Ranch Operations Manager, Search Committee Member, September 2019.

AERS- Area Extension Educator, Search Committee Member, May 2017.
 Research Associate Position at NMCREEC, Search Committee Member. September 2016.
 Farm and Ranch Management Topic Team. April 2016 – Present.
 Extension Annual Conference Planning Committee. 2016- 2019.
 Land and Livestock Topic Team. May 2015- Present

Extension:

Mentoring Committee: Paige Wray
 Mentoring Committee: Sawyer Fannesbeck

County:

Bingham County 4-H Leaders Council. September 2023 – Present.
 Bingham County Extension Advisory Committee. January 2023 – Present.
 Bingham County Market Animal Sale Committee. October 2022- Present.
 Wood River Soil Water Conservation District. May 2015 – 2022
 Lincoln County Market Animal Sale Committee. May 2015 – 2022
 Lincoln County 4-H Leaders Council. May 2015 – 2022
 Lincoln County Fair Board. May 2015 – 2022
 Lincoln County Extension Advisory Committee, Chairman. January 2016 – 2022.

Professional and Scholarly Organizations:

Epsilon Sigma Phi, Zeta Chapter. 2016- 2018.
 National Epsilon Sigma Phi. 2016 – 2018.
 Idaho Association of County Agriculture Agents. 2015 – Present.
 Southern District Junior Representative. 2016.
 Southern District Senior Representative. 2017.
 Association Vice President. 2019-2020.
 Association President. 2020-2021.
 Association President. 2021-2022.
 National Association of County Agriculture Agents. 2015 – Present.
 Idaho Cattle Association. 2015 – Present.
 American Dairy Goat Association. 2016 – Present.
 American Society of Animal Science. 2013 – 2018.

Outreach Service:

Classes, Workshops, Seminars, Share Fairs and Tours Organized:

Small, M., **C.J. Willmore**, S. Baker, and B. Glaze. *Young Cattle Producers Conference*. Jackpot, NV. June 26-28, 2023.
 Willmore, C.J. and H. Strupp. Bingham County Livestock Education Day Camp. Blackfoot, ID. May 31, 2023.
 Willmore, C.J. and H. Strupp. Bingham County Rabbit Education Day. Blackfoot, ID. May 5, 2023.
 Willmore, C.J. and H. Strupp. Bingham County Progressive Ag Safety Day. Blackfoot, ID. May 2, 2023.
 Nash, S., **C.J. Willmore**, M. Small, S. Fannesbeck, T. Miller and M. Barlow. Idaho State 4-H Livestock Skill-A-Thon. Jerome, ID. January 21, 2023.
 Willmore, C.J. S. Fannesbeck, and J. Hatch. East Idaho Beef Schools. Blackfoot, Idaho. November 8, 2022.

- Montpelier, Idaho. November 9, 2022.
 Malad, Idaho. November 10, 2022.
- Ellison, M., **C.J. Willmore**, and C. Page. *University of Idaho – Utah State University Sheep and Goats Webinar Series*. Hosted via Zoom.
 Successful Implementation of AI & Embryo Transfer Programs. November 9, 2022.
 Linking Plant-Animal-Human Health in Ruminant Grazing Systems. December 14, 2022
 Growth, Meat Quality, & Sensory Characteristics of Wool, Hair, & Composite Lambs. January 11, 2023.
 Lambing and Kidding. February 8, 2023.
 Market Outlook. March 8, 2023.
 Spring Grazing and Nutrition. April 12, 2023.
 Small Ruminant Health. May 10, 2023.
 Innovations in Wool. June 14, 2023.
 Mineral Supplementation on Summer Rangeland & Forage Selectivity. August 9, 2023.
 Nutritional Requirements of Growing and Pregnant Goats. September 13, 2023.
 Sheep and Goat Specialist Q & A. September 21, 2023.
 Finishing Lambs and Kids. October 11, 2023.
- Nash, S., **C.J. Willmore**, T. Miller, and M. Barlow. *Idaho State 4-H Livestock Skill-A-Thon*. Jerome, ID, January 22, 2022.
- Willmore, C. Magic Valley Livestock School Series.
 Shoshone, Idaho. January 24, 2022.
 Gooding, Idaho. February 28, 2022.
- Willmore, C., S. Baker, M. Small, and J. Church. *Young Cattle Producers Conference*. Pocatello, ID. June 6-8, 2022.
- Ellison, M., **C.J. Willmore**, W. Stewart and C. Page. *University of Idaho – University of Wyoming – Utah State University Sheep and Goats Webinar Series*. Hosted via Zoom.
 National Sheep and Goat Producer Needs Assessment. November 10, 2021.
 Winter Management Timeline and Strategies. December 8, 2021.
 Lambing and Kidding Management. February 9, 2022.
 Managing Mastitis in Sheep and Goats. March 9, 2022.
 Wrangling more days out of the Grazing Season for Sheep and Goats. April 13, 2022.
 Goat Care 101. May 11, 2022.
 Integrated Farm Management. June 8, 2022.
 Sheep Predator and Control Solutions. July 13, 2022.
 Using Genetics to Improve Profitability in Sheep and Goat Flocks. August 10, 2022.
 Developing Food Safety Plans for Meat and Dairy Production. September 14, 2022.
 All Things Forages for Sheep and Goats. October 12, 2022.
- Willmore, C. J. *Idaho SARE Competitive Grant Informational Meeting*. (Zoom) October 8, 2021.
- Church, J., **C.J. Willmore**, S. Baker and S. Ball. *Young Cattle Producers Conference*. Salmon, Idaho. June 28-30, 2021
- Ellison, M., **C.J. Willmore**, W. Stewart and C. Page. *University of Idaho – University of Wyoming – Utah State University Sheep and Goats Webinar Series*. Hosted via Zoom.
 Is a livestock guardian dog right for my operation. November 5, 2020.
 Preparing for Winter Feeding. November 12, 2020.
 Functional shed-lambing systems: Infrastructure, management and health. November 19, 2020.
 Vaccination. December 3, 2020.
 Coccidia. December 10, 2020.
 Lambing and Kidding Equipment Checklist. December 17, 2020.
 Using Economic Tools to Manage Production Risk. January 7, 2021.
 Labor to Colostrum: Step by Step Parturition. January 21, 2021.

- Early Lamb and Kid Care. January 28, 2021.
 Q & A With the Specialists. February 10, 2021.
 Lambing and Kidding Management. March 10, 2021.
 Wool Webinar. April 14, 2021.
 Grazing and Pasture Management for Sheep and Goats. May 12, 2021.
 Early Weaning Strategies. June 9, 2021.
 Marketing Strategies for Sheep & Goats. July 14, 2021.
 Final Product. August 11, 2021.
 Sheep and Goat Dairy. September 8, 2021.
 Reproductive Strategies. October 13, 2021.
- Church, J., **C.J. Willmore**, S. Baker and M. Small. *Young Cattle Producers Conference*. Burley, Idaho. June 22-24, 2020
- Ellison, M. and **C.J. Willmore**. *University of Idaho Extension Sheep and Goats Webinar Series*. Hosted via Zoom.
- Common Diseases of Sheep and Goats. April 2, 2020.
 Vaccines and Dewormers. April 9, 2020.
 Sheep and Goat Nutrition. April 16, 2020.
 Sheep and Goat Dairy Management Practices. April 23, 2020.
 Mineral Supplements for Sheep and Goats. April 30, 2020
 Grazing Management. May 7, 2020.
 Pacific Northwest Sheep Industry Update. May 14, 2020.
 Improving Irrigated Pasture. May 21, 2020.
 Pasture Sampling for Small Ruminants. May 28, 2020.
 Record Keeping. June 4, 2020.
 Now is the Time – Lamb and Goat Positioned for Success. June 11, 2020.
 Estimated breeding values for enhanced lamb and wool production. June 25, 2020
 Ram Management considerations in the Intermountain West. July 2, 2020
 Genetic Improvement through Ewe and Doe Selection. July 9, 2020.
 Early Season Breeding for Sheep and Goats. July 16, 2020.
 Biosecurity and Disease Management. July 23, 2020.
 Genomic Tools for Sheep and Goats. July 30, 2020.
 Pre-Breeding Management – Get Your Bases Covered. August 6, 2020.
 Goat and Sheep Farm Management and Resources. August 13, 2020.
 Getting Started: Breed Selection for your operation. August 20, 2020
 Management and Marketing Considerations for Feeder Lambs. August 27, 2020.
 Fall Pasture Management. September 3, 2020
 Analysis of Hay and Ration Balancing for Winter Feeding. September 17, 2020.
 Strategic Nutritional Management to Optimize Reproductive Success. September 24, 2020.
 Estimating Finishing Weights and Lamb Quality. October 8, 2020.
 Parasite Management in the Intermountain West. October 15, 2020.
 Integrative Parasite Management & Famancha Training. October 22, 2020.
 Basic Milking Practices for Sheep and Goats. October 29, 2020.
- Willmore, C.J. Magic Valley Livestock School Series.
 Gooding, Idaho. January 9, 2020.
 Shoshone, Idaho. January 16, 2020.
 Jerome, Idaho. January 23, 2020.
- Church, J., **C.J. Willmore**, S. Baker and M. Small. *Young Cattle Producers Conference*. Lewiston, Idaho. June 25-27, 2019.
- Willmore, C.J. *Beef Quality Assurance Training*. Jerome, ID. April 26, 2019
- Willmore, C.J. *Magic Valley Livestock School Series*.
 Shoshone, Idaho, January 24, 2019.
 Jerome, Idaho January 31, 2019.
- Wilfong A., **C.J. Willmore**, S. Nash, and M. Barlow. *Idaho State 4-H Livestock Skill-A-Thon*. Jerome, ID, January 26, 2019.
- Willmore, C.J. *Beef Quality Assurance Transportation Training*. Jerome, ID. January 4, 2019.

- Church, J., **C.J. Willmore**, S. Baker, and M. Small. *Young Cattle Producers Conference*. Caldwell, Idaho. June 20-22, 2018.
- Willmore, C.J., J. Packham, C. Kinder and L. Golden. *Magic Valley Livestock School Series*. Shoshone, Idaho, January 25, 2018.
Oakley, Idaho, February 8, 2018.
Gooding, Idaho, February 15, 2018.
Carey, Idaho, February 27, 2018.
- Kinder, C., S. Nash, **C.J. Willmore** and A. Wilfong. *Idaho State 4-H Livestock Management Skill-A-Thon*. Jerome, ID, January 27, 2018.
- Willmore C. J., S. Baker and J. Church. *Young Cattle Producers Conference – Beef Tour*. Jerome County, Idaho. June 20, 2017.
- Church, J., **C.J. Willmore**, S. Baker, S. Williams, M. Small, T. Roland, C. Kinder, and B. Glaze. *Young Cattle Producers Conference*. Twin Falls, Idaho. June 19-21, 2017.
- Roland, T., G. Hyde, **C.J. Willmore**, S. Baker, N. Dalton, A. Hulet, J. Ingram, J. Uriarte, and N. Zielinski. *Idaho 4-H Rangeland Skill-A-Thon*. Challis, Idaho. June 9-10, 2017.
- Willmore, C. J., C. Kinder, A. Wilfong, and G. Manker. *District III Beef Education Camp*. Gooding, Idaho April 29, 2017.
- Willmore, C. J., J. Packham and C. Kinder. *Magic Valley Livestock School Series*
Gooding, Idaho, January 31, 2017
Oakley, Idaho, February 9, 2017
Shoshone, Idaho, February 16, 2017
- Kinder, C., S. Nash, **C.J. Willmore** and A. Wilfong. *Idaho State 4-H Livestock Management Skill-A-Thon*. Jerome, ID, January 14, 2017.
- Kinder, C. and **C.J. Willmore**. *District III Livestock Skill-A-Thon*. Gooding, ID, December 3, 2016.
- Willmore, C.J., and C. Kinder. *District III Beef Education Camp*. Shoshone, ID May 7, 2016.
- Willmore, C.J. *4-H Dairy Education Day*. Richfield, ID, April 30, 2016
- Willmore, C.J. *Water Management Workshop*. Shoshone, ID, March 22, 2016.
- Willmore, C.J. *Women in Agriculture Disc Training*. Twin Falls, ID, March 19, 2016
- Willmore, C.J. and C. Kinder. *Magic Valley Livestock School Series*
Jerome, Idaho December 17th, 2015
Gooding Idaho January 21, 2016
- Willmore, C.J. *Hay School*. Shoshone, ID, October 15, 2015.

Miscellaneous Extension Publications:

Newsletters:

Bingham County Extension Newsletter

- Willmore, C.J. Winter Parasite Management for Sheep and Goats. January 2023.
Willmore, C.J. The beginning of the rancher's pharmacy. October 2022.

UI-UW-USU Sheep and Goat Newsletter

- Willmore, C.J. Early Season Breeding. Summer 2021. Volume 1, Issue 2.
Willmore, C.J. Mastitis in Ewes and Does. Spring 2021. Volume 1, Issue 1.

Jerome County Extension Newsletter

- Willmore, C.J. Ranch Marketing of Finished Cattle. February 2021.
Willmore, C.J. Are you looking for grasshoppers yet? May 2018.
Willmore, C.J. BQA Transportation Safety when sending Cattle to Market. August 2018
Willmore, C.J. Three of the Most Common Range Weeds. May 2017.
Willmore, C.J. Keys to Calving. February 2017.

Magic Valley Livestock Exchange Newsletter

Willmore, C.J. Trailer Safety: Is your rig ready? April 2016.
 Willmore, C.J. Vitamin Injections for Calves. February 2016.
 Willmore, C.J. To Keep, Not to Keep, or Buy? Choosing Replacement Heifers.
 November 2015 (Published in Cattlemen's Corner, November 2015).

Cattlemen's Corner

Willmore, C.J. BQA Transportation Safety when sending Cattle to Market, August 2018.
 Willmore, C.J. Heat Stress in Cattle. July 2017
 Sprinkle, J., S. Baker, J. Church, R. Findlay, S. Graf, S. Jensen, S. Williams and **C.J. Willmore**. Regional Assessment of Mineral Status in Forage and Range Grasses. March 2017.
 Willmore, C.J. Three of the Most Common Range Weeds. July 2016
 Willmore, C.J. Feeding High Nitrate Hay. September 2015.
 Willmore, C.J. Trace mineral injections: Will they work for me? July 2015.

Popular Press:

Idaho Cattle Association – Line Rider

Sprinkle, J., S. Baker, J. Church, R. Findlay, S. Graf, S. Jensen, S. Williams and **C.J. Willmore**. Regional Assessment of Mineral Status in Forage and Range Grasses. Idaho Cattle Association- Line Rider. June 2017

Ag Proud

Willmore, C.J. and J. Sprinkle. Is there an efficient range cow? June 2023.
<https://www.agproud.com/articles/57736-is-there-an-efficient-range-cow>
 Willmore, C.J. Working Livestock in Cold Weather. January 2021. [AP 0121 \(agproud.com\)](https://www.agproud.com/articles/57121-working-livestock-in-cold-weather)

Progressive Cattlemen

Willmore, C. Implications of More Efficient Cattle on Range.
<https://www.agproud.com/articles/55881-implications-of-more-efficient-cattle-on-rangeland>
 Willmore, C. West: Cheap Fall Feed Options. October 2022.
<https://www.agproud.com/articles/55993-cheap-fall-feed-options>
 Willmore, C. West: Is fall calving an option for you? September 2022.
<https://www.agproud.com/articles/55828-west-is-fall-calving-an-option-for-you>
 Willmore, C. West: Making your cow herd vaccination plan. August 2022.
<https://www.progressivecattle.com/news/regional-roundup-west-making-your-cow-herd-vaccination-plan>
 Willmore, C. West: Checking on your neighbors. June 2022
<https://www.agproud.com/articles/55211-west-checking-on-your-neighbors>
 Willmore, C. West: Taking care of your vaccination equipment. May 2022.
<https://www.agproud.com/articles/55183-west-taking-care-of-your-vaccination-equipment>
 Willmore, C. West: The beginning of the ranchers pharmacy. April 2022
<https://www.agproud.com/articles/55276-west-gfi-no-263-the-beginning-of-the-rancher-s-pharmacy>
 Willmore, C. West: Battle Stations! Be on the watch for weeds in your pasture. March 2022. <https://www.progressivecattle.com/news/regional-roundup/midwest-north-battle-stations-be-on-the-watch-for-weeds-in-your-pasture>
 Willmore, C. West: Lice Control in the Winter. February 2022.
<https://www.agproud.com/articles/53307-west-lice-control-in-the-winter>

- Willmore, C. West: Good Late Gestation Nutrition pays off later. January 2022.
<https://www.agproud.com/articles/53350-west-good-late-gestation-nutrition-pays-off-later>
- Willmore, C. West: A Systematic Approach to Calving Season. December 2021.
<https://www.agproud.com/articles/53384-west-a-systematic-approach-to-calving-season>
- Willmore, C. West: Herd Health Leading into calving season. November 2021.
<https://www.progressivecattle.com/news/regional-roundup/west-herd-health-leading-into-calving-season>
- Willmore, C.J. West: Utilizing drought stressed forages. October 2021.
<https://www.progressivecattle.com/news/regional-roundup/west-utilizing-drought-stressed-forages>
- Willmore, C.J. West: Hard cull decisions in a drought. September 2021.
<https://www.progressivecattle.com/news/regional-roundup/west-hard-cull-decisions-in-a-drought>
- Willmore, C.J. West: Sustainable Stewardship through tough decisions. August 2021.
<https://www.progressivecattle.com/news/regional-roundup/west-sustainable-stewardship-through-tough-decisions>
- Willmore, C.J. West: Keeping Records in the New Age. July 2021.
<https://www.progressivecattle.com/news/regional-roundup/west-keeping-records-in-the-new-age>
- Willmore, C.J. West: Working Facility Safety During the Winter Months. December 2020. <https://www.progressivecattle.com/news/regional-roundup/west-working-facility-safety-during-the-winter-months>
- Willmore, C.J. West: Body Condition Scoring for Cow Herd Improvement in the Fall. October 2020. <https://www.progressivecattle.com/news/regional-roundup/west-body-condition-scoring-for-cow-herd-improvement-in-the-fall>
- Willmore, C.J. West: Formulating a Finishing Ration from the Ranch. September 2020.
<https://www.progressivecattle.com/news/regional-roundup/west-formulating-a-finishing-ration-from-the-ranch>
- Willmore, C.J. West: Start Thinking about Fall Grazing Options. August 2020.
<https://www.progressivecattle.com/news/regional-roundup/west-start-thinking-about-fall-grazing-options>
- Willmore, C.J. West: How to Keep Cattle Cool under the Hot Western Sun. July 2020.
<https://www.progressivecattle.com/news/regional-roundup/west-how-to-keep-cattle-cool-under-the-hot-western-sun>
- Willmore, C.J. West: Grass Tetany in Summer. June 2020. <https://www.progressivecattle.com/news/regional-roundup/west-grass-tetany-in-summer>
- Willmore, C.J. West: Marbling in mother cows. May 2020.
<https://www.progressivecattle.com/news/regional-roundup/west-marbling-in-mother-cows>
- Willmore, C.J. West: Range weeds to look for this spring. April 2020.
<https://www.progressivecattle.com/news/regional-roundup/west-range-weeds-to-look-for-this-spring>
- Willmore, C.J. West: Is your rig ready for spring? March 2020.
<https://www.progressivecattle.com/news/regional-roundup/west-is-your-rig-ready-for-spring>
- Willmore, C.J. West: Bull sale season in the West. February 2020.
<https://www.progressivecattle.com/news/regional-roundup/west-bull-sale-season-in-the-west>
- Willmore, C.J. West: The most important 14 days of a calves' life. January 2020.
<https://www.progressivecattle.com/news/regional-roundup/west-the-most-important-14-days-of-a-calf-s-life>
- Willmore, C.J. Factors to consider when keeping replacement heifers. October 2019.
<https://www.progressivecattle.com/topics/management/factors-to-consider-when-keeping-replacement-heifers>

- Willmore, C.J. Nitrate Toxicity in Cattle Grazing Cover Crops. September 2019. <https://www.progressivecattle.com/topics/feed-nutrition/nitrate-toxicity-in-cattle-grazing-cover-crops>
- Willmore, C.J. Management – intensive grazing of cover crops: What we have learned so far. March 2018. <https://www.progressivecattle.com/topics/grazing/management-intensive-grazing-of-cover-crops-what-we-have-learned-so-far>
- Willmore, C.J. Calving Management for the Prevention of Scours. Progressive Cattlemen. December 2016. <http://www.progressivecattle.com/topics/herd-health/7624-calving-management-for-the-prevention-of-scours>
- Willmore, C.J. Considerations for Trace Mineral Nutrition of Range Cattle. Progressive Cattlemen. June 2016. <http://www.progressivecattle.com/topics/feed-nutrition/7329-considerations-for-trace-mineral-nutrition-of-range-cattle>

Interview Articles:

- Starr, K. Episode 36: How to Feed Goats with Extension Educator, Carmen Willmore. Standlee Forage- Beyond the Barn. May 26, 2022. <https://www.standleeforage.com/podcast/episodes/ep-036-how-to-feed-goats-with-extension-educator-carmen-willmore/>
- Snyder, C. Focus on Cattle: Lincoln County’s new Extension Educator. Magic Valley Times News. November 2015. http://magicvalley.com/business/agriculture/focus-on-cattle-lincoln-county-s-new-extension-educator/article_a3116106-87d0-5d3d-afc8-7dd126b94e93.html

Applied Research/ Demonstration Trials:

- Willmore, C.J., S. Hines, J. Packham, L. Golden, M. Ellison, G. Shewmaker, J. Thomas, and J. Sagers. *Simulated grazing timing and regrowth of annual cereal forage cover crops*. Innovative Project Award. 2018- 2019.
- Willmore, C.J., P. Hurley, B. Messick, D. Romano, R. Sharpnack, T. Gregory and T. Ruby. *Bacteria vs. Cheatgrass: Use of Plateau and Pseudomonas fluorescens for control of cheatgrass and reestablishment of native rangeland species*. David Little Livestock Range Management Endowment. 2017-2020.
- Hunter, L., S. Hines, **C.J. Willmore**, J. Packham, H. Neibling and P. Purdy. *Use of Low Elevation Spray Application on dual planted cover crops implementing Management Intensive Grazing*. Western SARE Project. May 2017- September 2018.
- Hogge, J., S. Hines, J. Packham, and **C.J. Willmore**. *Analyzing the timing of interseeding cover crops into established silage corn*. May 2017- Oct 2018.
- Willmore, C.J., J. E. Sprinkle, M. J. Ellison, D. R. Tolleson, G. E. Chibisa, B. M. Murdoch and J. B. Hall. *Forage Intake on Rangeland for Beef Cows Differing in Feed Efficiency*. 2016 – Present.
- Sprinkle, J., **Willmore, C.J.**, Graf, S., Baker, S., Williams, S., Findlay, R., Jensen, S., and Church, J. *Regional Assessment of Mineral Status in Forages & Range Grasses*. 2016.

Judging:

- Gooding County Science Fair, Science Fair Demonstration Judging, Hagerman, ID March 3, 2022.
- Wood River Soil and Water Conservation District, Speech Contest Judging, Shoshone, ID, November 9, 2020.
- Jerome Chapter FFA Office Sifting, Jerome, ID, May 6, 2020.
- Wood River Soil and Water Conservation District, Speech Contest Judging, Shoshone, ID, October 9, 2019.
- Idaho FFA State-Wide Career Development Event Project Judging, Livestock and Wildlife Projects, Twin Falls, ID, April 4, 2019.

Division 4 Idaho Soil and Water Conservation, Speech Contest Judging, Shoshone, ID, October 30, 2018.
 Wood River Soil and Water Conservation District, Speech Contest Judging, Shoshone, ID, October 10, 2018.
 North Magic Valley District FFA Officer Sifting, Buhl, ID, May 2, 2018.
 Twin Falls County 4-H Program, Frame Scored Steers at Initial Weigh-In. Twin Falls, ID, March 25, 2017.
 Wood River Soil and Water Conservation District, Speech Contest Judging. Shoshone, ID, October 12, 2016.
 Twin Falls County 4-H Program, Frame Scored Steers at Initial Weigh-In. Twin Falls, ID, March 26, 2016.
 State Livestock Skill-A-Thon, Junior Division Oral Reasons Judge. Jerome, ID, January 23, 2016.
 Lincoln County Fair, Small Animal Round Robin Judging. Shoshone, ID, July 24, 2015.
 Wood River Soil and Water Conservation District, Speech Contest Judging. Shoshone, ID, October 7, 2015

PROFESSIONAL DEVELOPMENT:

Teaching:

4-H Thriving Model Training. Idaho Falls, ID. October 3, 2023.
 Western SARE State Coordinators Meeting. Waikoloa, Hawaii. April 17 – 21, 2023.
 Progressive Ag Safety Day Coordinator Training. Zoom. March 28, 2023.
 Cowculator Software Training. Zoom. January 18, 2023.
 Idaho Range Livestock Symposium. Idaho Falls, ID. January 12, 2023.
 Eastern District 4-H Training. Rigby, ID. January 10, 2023.
 National SARE Coordinators Training. Zoom. November 10, 2022.
 UI Rangeland Center Fall Forum. Pocatello, ID. October 6-7, 2022.
 Beef Quality Assurance Train the Trainer. Twin Falls, ID. April 27-29, 2022.
 UI Rangeland Center Fall Forum. Virtual. October 8, 2021.
 Lamb Carcass Ultrasound School. Hagerman, ID. July 11-13, 2021.
 UI Animal and Veterinary Science Departmental In-Service Training. Virtual. April 16, 2020.
 I-Roam Trailer Training. Caldwell, ID, March 6, 2020.
 Annie's Project Train the Trainer Training. Twin Falls, ID, February 18-19, 2020.
 Northwest Pasture Calendar Workshop, Hermiston, OR, October 1-2, 2019.
 Rangeland Curriculum Training, Idaho Falls, ID, March 28, 2019.
 Cover Crops and Soil Health Workshop, Burley, ID, February 8, 2018.
 Beef Quality Assurance Training, Caldwell, ID, November 28-29, 2017.
 Women in Ag Conference, Twin Falls, ID, November 18, 2017.
 Farm Finance- Grain Marketing Training, Hailey, ID, September 25-26, 2017.
 Dairy Goat and Sheep Workshop, Gooding, ID, July 25, 2017.
 Cover Crop Field Tour, Picabo, ID, July 19, 2017
 Farm Management Training, Pocatello, ID, June 1, 2017
 Extension Annual Conference, Burley, ID, April 3-6, 2017.
 Artificial Insemination Training, Salmon, ID, March 15-17, 2017.
 Beef Quality Assurance Training, Twin Falls, ID, October 12 – 13, 2016.
 Pasture Poultry Production Workshop, Hailey, ID, September 19, 2016.
 Lost Rivers Grazing Academy, Salmon, ID, September 13 – 16, 2016.
 Financial Team Planning Meeting, Newdale, ID, June 23, 2016.
 Extension Annual Conference, Moscow, ID, April 4 – 7, 2016.
 Pesticide Applicator Training, Jerome, ID February 16-19, 2016.
 Beef Quality Assurance Training. Twin Falls, ID, October 26 – 27, 2015.
 Pasture Management Professional Development Workshop, Logan, UT, May 27-29, 2015.

Scholarship:

Idaho Association of County Agricultural Agents, Field Tour. Clark County, ID. June 1, 2023
 Western Region National Association of County Agricultural Agents, Annual Meeting and Professional Improvement Conference. Tucson, Arizona, October 11-13, 2022.
 National Association of County Agricultural Agents, Annual Meeting and Professional Improvement Conference. Palm Beach, Florida, July 18- 21, 2022.
 Idaho Association of County Agricultural Agents. Business Meeting. Moscow, ID. April 12, 2022.
 Idaho Association of County Agricultural Agents, Business Meeting. Zoom. April 12, 2021.
 Idaho Association of County Agricultural Agents, Summer Meeting, Shoshone, ID, September 23, 2020.
 National Association of County Agricultural Agents, Annual Meeting and Professional Improvement Conference, Fort Wayne, IN, September 8-13, 2019.
 Idaho Association of County Agricultural Agents, Summer Meeting, Rexburg, ID, June 10-11, 2019.
 Joint Council of Extension Professional, Annual Meeting and Professional Improvement Conference, San Antonio, TX, February 5-8, 2019.
 National Association of County Agricultural Agents, Annual Meeting and Professional Improvement Conference, Salt Lake City, UT, July 9-13, 2017.
 Idaho Association of County Agricultural Agents, Summer Meeting, Pocatello, ID, June 7-8, 2017.

Outreach:

Idaho Young Cattle Producers Conference. Jackpot, Nevada. June 26-28, 2023.
 Bingham County Extension Advisory Meeting. Blackfoot, ID. January 19, 2023.
 University of Idaho Listening Session. Idaho Falls, ID. November 1, 2022.
 Idaho Out of School Network Conference. Blackfoot, Idaho, September 29-30, 2022.
 Idaho Young Cattle Producers Conference. Pocatello, Idaho. June 7, 2022.
 Idaho Hay and Forage Conference. Twin Falls. February 17, 2022.
 Idaho Wool Growers Annual Meeting. Twin Falls, November 20, 2021.
 Idaho Young Cattle Producers Conference. Salmon, Idaho. June 28-30, 2021.
 Western SARE State Coordinators Annual Meeting. Reno, Nevada. June 7-10, 2021.
 Idaho Legislative Updates. (Zoom). December 7, 2020.
 UI Beef Cattle Webinar Series; Grazing Systems, May 6, 2020.
 UI Extension Professional Development Zoom; One Drive, Microsoft Teams, and other IT Tools, May 4, 2020.
 UI Promotion and Tenure Training. Webinar, May 1, 2020.
 Cheatgrass Challenge Meeting. Jerome, ID, February 21, 2020.
 Idaho Hay and Forage Conference, Twin Falls, ID, February 20, 2020.
 Lincoln County Advisory Meeting. Shoshone, ID, December 16, 2019.
 Ag Outlook Conference, Burley, ID, December 11, 2019.
 Wood River Soil Water Conservation District Locally Led Meeting. Gooding, ID, December 6, 2019.
 Western Alfalfa Hay and Forage Conference. Reno, NV, November 19-22, 2019.
 Idaho Cattle Association Annual Meeting. Sun Valley, ID, November 11-13, 2019.
 Idaho Western SARE Advisory Meeting. Zoom. November 8, 2019
 Idaho Hay and Forage Conference, Burley, ID February 21-22, 2019.
 Idaho Range Livestock Symposium, Twin Falls, ID, January 8, 2019.
 Ag Outlook Conference, Burley, ID, December 12, 2018.
 Idaho Cattle Association Annual Meeting, Sun Valley, ID, November 12-14, 2018.
 Lincoln/ Gooding County Farm Bureau Legislative Tour, Shoshone, ID, August 25, 2018.
 UI Extension Twilight Tour, Kimberly, ID, July 18, 2018.
 Idaho Young Cattle Producers Conference, Caldwell, ID, June 20-22, 2018.
 Central District Spring Retreat, Albion, ID, May 22-23, 2018.
 Rangeland Center Retreat, McCall, ID, May 3-4, 2018.
 Idaho Hay and Forage Conference, Burley, ID, March 1-2, 2018.

Leadership Idaho Agriculture, Boise, ID, February 19-23, 2018.
 Idaho Range Livestock Symposium, Twin Falls, ID, January 20, 2018.
 Leadership Idaho Agriculture, Twin Falls, ID, January 2-5, 2018.
 Leadership Idaho Agriculture, Pocatello, ID, December 4-7, 2018.
 Idaho Cattle Association Annual Meeting, Sun Valley, ID, November 13-15, 2017.
 Leadership Idaho Agriculture, Moscow, ID, November 6-9, 2017.
 Idaho Range Livestock Symposium, Twin Falls, ID, January 11, 2017.
 Idaho Hay and Forage Conference, Burley, ID, March 2-3, 2017.
 Agriculture Outlook Seminar, Burley, ID, December 7, 2016.
 Scholarly Writers Retreat, McCall, ID, September 26 – 28, 2016.
 W2012 Multistate Project Meeting, Scotts Bluff, NE, August 7 – 9, 2016.
 Grazing Livestock Nutrition Conference, Park City, UT, July 17-19, 2016
 Dairy Goat and Sheep Workshop, Gooding, ID, July 15, 2016.
 Rock Creek Ranch Field Day, Rock Creek Ranch, ID, June 28, 2016.
 Cover crop Field Tour, Murtaugh, ID, June 22, 2016.
 Rangeland Center Retreat, McCall, ID, May 2 – 3, 2016.
 Idaho Range Livestock Symposium, Twin Falls, ID, April 20, 2016.
 Integrated Rangeland Management Tour, Burns, OR, April 13 – 15, 2016.
 Nutrient Management Conference, Jerome, ID, March 10, 2016.
 Western Beef Resource Committee Meeting, Salt Lake City, UT, February 29 – March 1, 2016.
 Idaho Hay and Forage Conference, Burley, ID, February 25 – 26, 2016.
 Farm Market Outlook Seminar, Burley, ID, December 9, 2015.
 Rangeland Fall Forum, Jerome, ID & Castleford, ID, October 22-23, 2015.
 Cover crop field tour, Jerome, ID, October 21, 2015.
 Cover crop field day, Gooding, ID, October 20, 2015.
 Idaho Association of County Agriculture Agents, Summer meeting, Hailey, ID, June 10-12, 2015.

Administration/Management:

Eastern District Fall Faculty Meeting. Swan Valley, ID. September 20-21, 2023.
 Eastern District Spring Faculty Meeting. Pocatello, ID. April 27, 2023.
 UI Extension Annual Conference. Sun Valley, ID. April 10 – 13, 2023.
 Eastern District Fall Faculty Meeting. Montpelier, ID. November 2-3, 2022.
 Central District Summer Faculty Meetings. Twin Falls, ID. July 14, 2022.
 UI Extension Annual Conference. Moscow, ID. April 11- 14, 2022.
 Central District Spring Faculty Meeting. Twin Falls, ID. February 24, 2022.
 Central District Fall Faculty Meeting. Albion, ID. October 12-13, 2021.
 National Association of County Agricultural Agents AM/PIC. Virtual. July 6-8, 2021.
 Central District Spring Faculty Meeting. Rupert, ID. May 19, 2021.
 UI Extension Annual Conference. Virtual. April 13, 2021.
 UI Extension Annual Conference. Virtual. April 13-15, 2020.
 Central Extension District Professional Development Training, Sun Valley, ID, May 14-15, 2019.
 UI Extension Annual Conference, Idaho Falls, ID, March 25-28, 2019.
 UI Program of Work Meeting, Boise, ID, November 27-29, 2018.
 UI Strategic Planning Committee Meeting, Caldwell, ID, March 13-14, 2017.
 Southern District Supervising County Employees and Professionalism in the Office Training,
 Twin Falls, Idaho, March 9, 2016.