

# CURRICULUM VITAE FOR EXTENSION EDUCATOR FACULTY

University of Idaho

**NAME:** Bracken Henderson

**DATE:** October 26, 2023

**RANK OR TITLE:** Extension Educator, Assistant Extension Professor

**DEPARTMENT:** University of Idaho, Eastern District

**OFFICE LOCATION:** Franklin County Extension Office  
561 West Oneida  
Preston, Idaho 83263

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**DATE OF FIRST EMPLOYMENT AT UI:** July 30, 2018

**DATE OF TENURE:** Untenured

**DATE OF PRESENT RANK OR TITLE:** July 30, 2018

## **EDUCATION BEYOND HIGH SCHOOL:**

### **Degrees:**

M.S., 2007, Range Science, Utah State University, Logan, Utah.

B.S., 2003, Finance and Economics, Utah State University, Logan, Utah.

### **Certificates and Licenses:**

Question, Persuade, Refer (QPR) Gatekeeper for Suicide Prevention, 2021.

Idaho State Department of Agriculture, Statewide Pesticide Consultant, 2019-present.

## **EXPERIENCE:**

### **Teaching, Extension and Research Appointments:**

Assistant Extension Professor and County Extension Educator, University of Idaho, Franklin County, Preston, Idaho, 2018-present.

### **Academic Administrative Appointments:**

Interim County Chair, University of Idaho, Oneida County, Malad, Idaho, 2020-2021.

### **Non-Academic Employment including Armed Forces:**

Zone Coordinator, Utah Department of Agriculture and Food, Logan, Utah, 2009-2018.

Conservation Planner, Utah Association of Conservation Districts, Tremonton, Utah, 2007-2009.

Conservation Planner Technician, Natural Resources Conservation Service, Tremonton, Utah, 2006-2007.

## **TEACHING ACCOMPLISHMENTS:**

### **Areas of Specialization:**

Commercial and Consumer Horticulture

4-H Youth Development

Community Food Systems

**Materials Developed:****Video Productions:**

Henderson, B. Training young shade trees. YouTube video.  
<https://m.youtube.com/watch?v=GGIHmrGJKkE>. 2020.

**Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.:****Commercial and Consumer Horticulture:**

Henderson, B. Apple grafting, Arco, Idaho, May 17, 2023.  
 Henderson, B. Apple grafting, Preston, Idaho, May 6, 2023.  
 Henderson, B. Apple grafting, Malad, Idaho, May 4, 2023.  
 Henderson, B. Fruit tree pruning, Preston, Idaho, March 18, 2023.  
 Henderson, B. Pruning fruit trees, berries and roses, Idaho Master Gardener program, Zoom presentation, March 16, 2023.  
 Henderson, B. Fruit tree pruning, Malad, Idaho, March 15, 2023.  
 Henderson, B. Pesticides, Idaho Master Gardener program, Zoom presentation, March 8, 2023.  
 Henderson, B. Pesticides, Idaho Master Gardener program, Zoom presentation, March 7, 2023.  
 Henderson, B. Maple tapping, Driggs, Idaho, March 3, 2023.  
 Henderson, B. Maple tapping, Preston, Idaho, February 25, 2023.  
 Henderson, B. Maple tapping, Pocatello, Idaho, February 16, 2023.  
 Henderson, B. Maple tapping, Malad, Idaho, February 15, 2023.  
 Henderson, B. Pruning fruit trees, berries and roses, Idaho Master Gardener program, Zoom presentation, February 8, 2023.  
 Henderson, B. Maple tapping, Clifton, Idaho, January 25, 2023.  
 Henderson, B. Herbicide resistance repercussions, Idaho Horticulture Expo., Idaho Nursery and Landscape Association, Boise, Idaho, January 18, 2023. *Invited presentation.*  
 Henderson, B. Winter protection of roses, grapes, and cane berries, Zoom presentation, October 25, 2022.  
 Henderson, B. Gardens and herbicides, Preston Rotary Club, Preston, Idaho, August 2, 2022.  
 Henderson, B. Franklin County gardening, Preston, Idaho, April 9 and May 4, 11, 14, and 31, 2022.  
 Henderson, B. Pesticides, Idaho Master Gardener program, Zoom presentation, April 6, 2022.  
 Henderson, B. Pruning trees, berries, and roses Idaho Master Gardener program, Zoom presentation, February 16, 2022.  
 Henderson, B. Small fruits and grapes, Zoom presentation, February 8, 2022.  
 Henderson, B. and J. Hatch. Drip and micro-irrigation, Malad, Idaho, May 20, 2021.  
 Henderson, B. Apple tree grafting, Soda Springs, Idaho, May 12, 2021.  
 Henderson, B. Apple tree grafting, Malad, Idaho, May 6, 2021.  
 Henderson, B. Apple tree grafting, Preston, Idaho, May 5, 2021.  
 Henderson, B. Fruit tree pruning, Preston, Idaho and Zoom presentation, March 24, 2021.  
 Henderson, B. Fruit tree pruning, Malad, Idaho, March 18, 2021  
 Henderson, B. Woody plants, Idaho Master Gardener program, Zoom presentation, March 3, 2021.  
 Henderson, B. Woody ornamental pruning/training, Zoom presentation, April 11, 2020.  
 Henderson, B. Pruning: fruit tree, grape vine, raspberry, and blackberry, Preston, Idaho, March 11, 2020.  
 Henderson, B. Shade tree pruning/training, Idaho Master Gardener Program Regional Convention, Rexburg, Idaho, July 15, 2019.  
 Henderson, B. Composting, Idaho Master Gardener program, Blackfoot, Pocatello, and Idaho Falls, Idaho, April 2019.  
 Henderson, B. Season extension/greenhouse construction, Idaho Master Gardener program, Blackfoot, Idaho, April 8, 2019.  
 Henderson, B. Vegetable production, gardening class, Soda Springs, Idaho, March 28, 2019.  
 Henderson, B. Vegetable production II, Idaho Master Gardener program, Idaho Falls, Idaho, March 14, 2019.  
 Henderson, B. Soils and irrigation, gardening class, Preston, Idaho, January 24, 2019.

**Commercial and Consumer Horticulture (Cont.):**

- Henderson, B. Grass varieties for low/no irrigation ground cover, Idaho Horticulture Expo., Idaho Nursery and Landscape Association, Boise, Idaho, January 16, 2019. *Invited presentation.*
- Henderson, B. Maples for Franklin County, Preston Rotary Club, Preston, Idaho, October 30, 2018.

**Agriculture and Natural Resources:**

- Hansen, L., D. Callister, T. Hoene, and **B. Henderson**. Rural mental health community conversations, Western Regional Agricultural Stress Assistance Program, Carey, Idaho, February 23, 2023.
- Hansen, L., D. Callister, T. Hoene, and **B. Henderson**. Rural mental health community conversations, Western Regional Agricultural Stress Assistance Program, Preston, Idaho, February 22, 2023.
- Hansen, L., D. Callister, T. Hoene, and **B. Henderson**. Rural mental health community conversations, Western Regional Agricultural Stress Assistance Program, Winchester, Idaho, February 10, 2023.
- Hansen, L., D. Callister, T. Hoene, and **B. Henderson**. Rural mental health community conversations, Western Regional Agricultural Stress Assistance Program, Malad, Idaho, May 30, May 2, April 4, March 7, February 7, 2023.
- Hansen, L., D. Callister, T. Hoene, and **B. Henderson**. Rural mental health community conversations, Western Regional Agricultural Stress Assistance Program, Wendell, Idaho, April 10, March 6, January 30, 2023.
- Hansen, L., D. Callister, T. Hoene, and **B. Henderson**. Rural mental health community conversations, Western Regional Agricultural Stress Assistance Program, Hazelton, Idaho, May 22, April 24, March 27, February 27, January 30, 2023.
- Hansen, L., D. Callister, T. Hoene, and **B. Henderson**. Rural mental health community conversations, Western Regional Agricultural Stress Assistance Program, Cambridge, Idaho, March 15, January 23, 2023.
- Hansen, L., D. Callister, T. Hoene, and **B. Henderson**. Rural mental health community conversations, Western Regional Agricultural Stress Assistance Program, Shoshone, Idaho, March 17, January 27, January 20, 2023.
- Hansen, L., **B. Henderson**, and D. Callister. Farm stress management, Idaho Potato Conference, (English and Spanish sessions) Pocatello, Idaho, January 19, 2023.
- Henderson, B. Weed management in pasture systems, Zoom presentation, December 7, 2022.
- Hansen, L., D. Callister, T. Hoene, and **B. Henderson**. Rural mental health community conversations, Western Regional Agricultural Stress Assistance Program, Weiser, Idaho, December 6, 2022.
- Hansen, L., D. Callister, T. Hoene, and **B. Henderson**. Rural mental health community conversations, Western Regional Agricultural Stress Assistance Program, New Meadows, Idaho, December 6, 2022.
- Hansen, L., D. Callister, T. Hoene, and B. Henderson. Rural mental health community conversations, Western Regional Agricultural Stress Assistance Program, Kellogg, Idaho, December 1, 2022.
- Hansen, L., D. Callister, T. Hoene, and B. Henderson. Rural mental health community conversations, Western Regional Agricultural Stress Assistance Program, Lapwai, Idaho, November 16, 2022.
- Hansen, L., **B. Henderson**, and D. Callister. Farm stress management, Idaho Water Users Association, Twin Falls, Idaho, June 21, 2022. *Invited presentation.*
- Henderson, B. Weed seedling identification and treatment, Zoom presentation, March 10, 2022.
- Hansen, L. and **B. Henderson**. Farm stress management, University of Idaho Extension Central District Meeting, Twin Falls, Idaho, February 24, 2022. *Invited presentation.*
- Henderson, B. Herbicide residual repercussions, Water Users Association, Rupert, Jerome, and Caldwell, Idaho, Idaho February 22-24, 2022. *Invited presentation.*
- Hansen, L., **B. Henderson**, and D. Callister. Farm stress management, Shoshone, Idaho, January 13, 2022.
- Henderson, B. Herbicide residual repercussions, Zoom presentation, December 7, 2021.
- Henderson, B. Nitrate testing in forages, Montpelier and Malad, Idaho, December 8-9, 2021.

**Agriculture and Natural Resources (Cont.):**

- Hansen, L. and **B. Henderson**. Weathering the storm in agriculture: how to cultivate a productive mindset, Spokane, Washington, December 2, 2021. *Invited presentation*.
- Henderson, B. Alfalfa variety selection, Zoom presentation, March 17, 2021.
- Henderson, B. Herbicide resistance renaissance, Zoom presentation, March 11, 2021.
- Henderson, B. Understanding spray adjuvants, Zoom presentation, December 2, 2020.
- Eborn, B., J. Hogge, and **B. Henderson**. Farm and ranch succession planning, Preston, Idaho, January 2020.
- Henderson, B. Understanding how grass grows, Soda Springs and Montpelier, Idaho, January 30-31, 2020.
- Henderson, B. Earwigs: friend or foe? Malad, Preston, Montpelier, and Soda Springs (Broadcast to Arco and Hailey), American Falls and Blackfoot, Idaho, December 4-6, 2019.
- Henderson, B. Weed management, Rexburg, Idaho Falls, and Preston, Idaho, March 19-21, 2019.
- Henderson, B. Diseases and pests of local significance, Preston, Idaho, March 14, 2019.

**4-H Youth Development:**

- Henderson, B. Archery 1 club, Preston, Idaho, 3 sessions, June 21-29, 2023.
- Sant, L. and **B. Henderson**. Tobacco and vaping prevention, elementary school, Dayton, Idaho. April 20, 2023.
- Sant, L. and **B. Henderson**. Bread in a bag, elementary school, Dayton, Idaho. 2 sessions, April 5-6, 2023.
- Sant, L. and **B. Henderson**. Bread in a bag, elementary school, Preston, Idaho. 3 sessions, March 6, 13-14, 2023.
- Henderson, B. Youth introductory archery, Preston, Idaho, January 31, 2023.
- Henderson, B. Livestock day camp: thank you notes, Grace, Montpelier, Preston, and Malad Idaho, June 13-14, 2022.
- Henderson, B. Blood trailing an animal, Alpine, Wyoming, 7 sessions, June 6-8, 2022.
- Henderson, B. Archery 2 club, Preston, Idaho, 6 sessions, April and May 2022.
- Henderson, B. Insects in the classroom, Dayton, Idaho, April 7, 2022.
- Henderson, B. Growing giant pumpkins, Preston and Malad, Idaho, April 6-7, 2022.
- Sant, L. and **B. Henderson**. Bread in a bag, elementary schools, Preston and Dayton, Idaho, 4 sessions, March 2022.
- Henderson, B. and K. Kilpack. Understanding soil profiles, Montpelier, Idaho, January 27, 2022.
- Henderson, B. Birdseed cakes, Preston, Idaho, January 7, 2021.
- Sant, L. and **B. Henderson**. Welcome to the real world, Preston High School, Preston, Idaho, 3 sessions, January 2022.
- Henderson, B. Friendly fire, Preston, Idaho, 6 sessions, October and November 2021.
- Henderson, B. Growing giant pumpkins, Preston, Idaho, May 7, 2021.
- Henderson, B. Growing giant pumpkins, Malad, Idaho, April 30, 2021.
- Sant, L. and B. Henderson. Welcome to the real world, Preston, Idaho, January 4-6, 2022.
- Sant, L. and **B. Henderson**. Bread in a bag, elementary schools, Preston and Dayton, Idaho, 4 sessions, March 2021.
- Henderson, B. Air rifle, Alpine, Wyoming, 7 sessions, June 7-9, 2021.
- Henderson, B. Beginning archery, Preston, Idaho, July 26-30, 2021.
- Henderson, B. Art pilot program, Preston, Idaho, January 8, 15, 22, 29 and February 5, 12, 19, 26, 2021.
- Henderson, B. Record keeping and finances, livestock day camp, Soda Springs, Preston, and Montpelier, Idaho, June 23, 2020.
- Henderson, B. Air rifle, 4-H club, Preston, Idaho, 4 sessions, June 2020.
- Henderson, B. Growing giant pumpkins, 4-H club, Zoom presentation, May 13, 2020.
- Henderson, B. Rangeland soils training, Zoom presentation, March 30, 2020.
- Sant, L. and **B. Henderson**. Welcome to the real world, Preston High School, Preston, Idaho, 3 sessions, February 2020.
- Henderson, B. Tower building, after school club, Preston, Idaho, 3 sessions, January 2020.
- Henderson, B. Wholesale meat cuts, livestock day camp, Preston, Malad, and Blackfoot, Idaho, July 2019.
- Henderson, B. Growing giant pumpkins, 4-H club, Preston, Idaho, July 2019.

**4-H Youth Development (Cont.):**

- Henderson, B. Air rifle, 4-H club, Preston, Idaho, 4 sessions, June 2019.
- Sant, L. and **B. Henderson**. Welcome to the real world, Preston High School, Preston, Idaho, 3 sessions, May 2019.
- Sant, L. and **B. Henderson**. Bread in a bag, elementary schools, Preston and Dayton, Idaho, 4 sessions, March 2019.
- Sant, L. and B. Henderson. Rocketry, after school club, Preston, Idaho, October 25, 2018.
- Henderson, B. Geology rocks, 4-H club, Preston, Idaho, 4 sessions, November 2018.
- Henderson, B. Casting fossils, after school club, Preston, Idaho, 3 sessions, December 2018.

**SCHOLARSHIP ACCOMPLISHMENTS:**

Description of personal contributions

\* Corresponding author

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:**

- Greenland, M., B. Waldron, S. Isom, S. Fannesbeck, M. Peel, K. Rood, K. Thornton, R. Miller, J. Hadfield, **B. Henderson**, and J. Creech. Dry-matter intake and feed efficiency of heifers from four dairy breed-types grazing organic grass and grass-birdsfoot trefoil mixed pastures. [https://www.journalofdairyscience.org/article/S0022-0302\(23\)00202-3/fulltext](https://www.journalofdairyscience.org/article/S0022-0302(23)00202-3/fulltext) (1,6)
- Henderson, B. S. Baker, N. Dalton, N. Ghimire, J. Rickman, T. Roland, G. Silkwood, and C. Willmore. 2021. 4-H Rangeland skill-a-thon makes impact on youth. Journal of National Association of County Agricultural Agents. 14 (2), 2158-9429. <https://www.nacaa.com/journal/e0cf49d3-09f7-4ab6-bab5-97109172cb93> (1,2,6)
- Rose, M., B. Waldron, S. Isom, M. Peel, K. Thornton, R. Miller, K. Rood, J. Hadfield, J. Long, **B. Henderson**, and J. Creech. The effects of organic grass and grass-birdsfoot trefoil pastures on Jersey heifer development: Herbage characteristics affecting intake. Journal of Dairy Science, 104 (10), 10879 – 10895. The effects of organic grass and grass-birdsfoot trefoil pastures on Jersey heifer development: Heifer growth, performance, and economic impact - [https://www.journalofdairyscience.org/article/S0022-0302\(21\)00559-2/fulltext](https://www.journalofdairyscience.org/article/S0022-0302(21)00559-2/fulltext). (1,6)

**Extension Publications:****Bulletins/Pacific Northwest (PNW) Publications:**

- Hatch, J.L., **B. Henderson**, and R.K. Patterson. 2022. Black Medic (Medicago lupulina). University of Idaho Green Thumb Bulletin 1015. [BUL 1015 - University of Idaho Extension \(uidaho.edu\)](https://www.uidaho.edu/extension/bulletin/1015). (\*6)
- Hatch, J.L., **B. Henderson**, and R.K. Patterson. 2021. Broadleaf plantain (Plantago major L.). University of Idaho Green Thumb Bulletin 1007. [BUL 1007 - University of Idaho Extension \(uidaho.edu\)](https://www.uidaho.edu/extension/bulletin/1007) (\*6)

**Bulletins/Pacific Northwest (PNW) Publications (Cont.):**

Henderson, B. and R. K. Patterson. 2021. Spotted spurge (*Chamaesyce maculate*; Synonym *Euphorbia maculate*). University of Idaho Green Thumb Bulletin 998. [BUL 998 - University of Idaho Extension \(uidaho.edu\)](#) (2,3,4,5)

Henderson, B. 2021. Training young shade trees. University of Idaho Green Thumb Bulletin 994. [BUL 994 - University of Idaho Extension \(uidaho.edu\)](#)

**Other:****University of Idaho Extension Impact Statements:**

Hatch, J. L., J. Spackman, J. Marshall, J. Thomas, **B. Henderson**, R. Findlay, T. Jacobsen, J. Gibbons, R. Patterson, J. Sagers, D. Callister, A. Adjesiwor, and X. Liang. 2023. Local data for local cereal grain growers. <https://www.uidaho.edu/-/media/UIDaho-Responsive/Files/Extension/admin/Impacts/2023/33-23-jhatch-cereal-school.pdf?la=en&hash=72E66DDF07825956A01F30787FE5E41D6BBAF10E>

Gibbons, J., P. Wray, H. Strupp, and **B. Henderson**. 2023. Alpine 4-H Camp: The height of youth development, <https://www.uidaho.edu/-/media/UIDaho-Responsive/Files/Extension/admin/Impacts/2023/36-23-jgibbons-alpine-camp.pdf>

Jacobsen, T., R. Patterson, **B. Henderson**, R. Findlay, J. Gibbons, K. Tate, J. Werlin, and A. West. 2023. Regional Master Gardener Convention returns to Rexburg, <https://www.uidaho.edu/-/media/UIDaho-Responsive/Files/Extension/admin/Impacts/2023/28-23-tjacobsen-garden-convention.pdf>

Henderson, B., R. Findlay, J. Hatch, R. Patterson, J. Rickman, J. Sagers, T. Sorensen, G. Loomis, and D. Callister. 2020. Pesticide recertification credits are provided in person and via Zoom broadcast. <https://www.uidaho.edu/-/media/UIDaho-Responsive/Files/Extension/admin/Impacts/2020/22-20-bhenderson-pesticide-recertification.pdf?la=en&hash=A8CB847AA315D535E51873C6DF00A753B31E4AAD>

Hatch, J., J. Hogge, **B. Henderson**, J. Sagers, R. Patterson, L. Nunn, and R. Findlay. 2019. Managers gain insights into creating healthy and productive grazing systems. <https://www.uidaho.edu/-/media/UIDaho-Responsive/Files/Extension/admin/Impacts/2019/22-19-jhatch-grazing-systems.pdf?la=en&hash=1423DABF9B472B724ABF5AF6A03B41FA8AE58982>.

Sagers, J., R. Findlay, **B. Henderson**, J. Hatch, B. Eborn, and J. Hogge. 2019. Education with a focus on forages helps farmers in Eastern Idaho. <https://www.uidaho.edu/-/media/UIDaho-Responsive/Files/Extension/admin/Impacts/2019/39-19-jsagers-forage-school.pdf?la=en&hash=8CDCCA33CF14F8162182CB2A797B187A3A2108F5>.

**Grants and Contracts Awarded:**

Hansen, L., **B. Henderson**, D. Callister, T. Hoene, T. Howard, and K. Tift. Continuing Farm Stress Awareness work in Idaho, Wester Region Agricultural Stress Assistance Program, 2023 \$62,000 (\$62,000 spending authority).

Henderson, B. Equipment and supplies for 4-H shooting sports, National Rifle Association, 2023, \$6,300 (\$6,300 spending authority).

Henderson, B. Intern for 4-H youth development instructor, AmeriCorps/University of Idaho Extension. 2023, \$5,890 (\$5,890 spending authority).

**Grants and Contracts Awarded (Cont):**

Henderson, B. Developing a maple syrup industry for the interior west – Idaho. 2023, \$49,528 (\$39,308 spending authority).

Hansen, L., **B. Henderson**, and D. Callister. Farm stress/mental health, Western Region Agricultural Stress Assistance Program, 2022, \$199,993 (\$66,664 spending authority).

Hansen, L., **B. Henderson**, T. Hoene, and D. Callister. Farm stress billboard advertisement. Western Region Agricultural Stress Assistance Program, 2022, \$4,625 (\$4,625 spending authority).

Hansen, L., **B. Henderson**, T. Hoene, and D. Callister. Farm Stress speaking engagement contract. Idaho State Department of Agriculture, 2022, \$18,800 (\$6,267 spending authority).

**Internal Funding Awarded:**

Henderson, B. Field bindweed (*Covolvulus arvensis*) control in dryland wheat, University of Idaho Extension integrated pest management extension implementation program, mini-grant, 2023, \$800 (\$800 spending authority).

Henderson, B. Video production equipment proposal, University of Idaho Extension, 2021, \$400.

**In-kind and Industry Support:**

Henderson, B. Franklin County Fair, Glenn and Tania Beck, 2021, \$25,000.

Henderson, B. Dahle Performance Center Garden, Idaho Botanical Garden – Lunaria Grant Program, 2020, \$500.

Henderson, B. Dahle Performance Center Garden, West Side School District 202, 2020, \$500.

**Scholarship Honors and Awards:**

Dalton, N., S. Baker, N. Ghimire, **B. Henderson**, J. Rickman, T. Roland, G. Silkwood, and C. Willmore. Excellence in Natural Resources Award for Idaho 4-H Rangeland Skill-a-thon, National Association of Extension 4-H Youth Development Professionals, Regional Award, 2020.

**SERVICE:****Major Committee Assignments:****University of Idaho:**

University of Idaho Multi-Campus Communication Committee, 2019-2021

**Extension:**

University of Idaho Mental Health Coordinator Search Committee, 2021

University of Idaho Extension Educator Search Committee, Oneida County, 2021

University of Idaho Extension Professional Development Committee, 2019- 2021

Chairman, 2021

Vice chairman, 2020

**District:**

Eastern District Enhancement Fund Committee, 2022-present

Eastern Idaho State Fair, Fair Entry subcommittee, 2022-present

Eastern Idaho State Fair Livestock Committee, 2018-present

Chairman, 2021-2023

Vice chairman, 2019-2021

Alpine 4-H Camp Board, 2019-present

Treasurer, 2019-present

Eastern District Audit Committee, 2019-present

**County/Local:**

Franklin County Market Animal Livestock Committee, 2018-present  
 Franklin County 4-H Horse Committee, 2018-present  
 Franklin County Fair Board, 2018-present

**Professional and Scholarly Organizations:**

Idaho Nursery and Landscape Association, 2022-present  
 National Association of County Agricultural Agents, 2018-present  
 Idaho Association of County Agricultural Agents, 2018-present

**Outreach Service:****Classes, Workshops, Seminars, Share Fairs and Tours Organized:**

Lewiston pasture field day, Lewiston, Utah, July 13, 2023.  
 Forage school, Preston, Idaho, March 2, 2023.  
 Winter dairy forum, Preston, Idaho, February 22, 2023.  
 Cereal school, Preston, Idaho February 10, 2023.  
 Franklin County 4-H camp, Alpine, Wyoming, June 6-8, 2022.  
 Forage school, Preston, Idaho, March 2, 2022.  
 Risk management associated with automatic milking and feeding systems (robots) for western dairies.  
 Preston, Idaho, February 9, 2022.  
 Southeast Idaho cereal school, online, February 2, 2022.  
 Livestock day camp, Preston, Malad, Grace, and Montpelier, Idaho, June 22-23, 2021.  
 Becoming better after experiencing the bitter, Professional Development Network, Zoom, June 16, 2021.  
 Franklin County 4-H camp, Alpine, Wyoming, June 7-9, 2021.  
 Approaching the future with a fresh perspective, Professional Development Network, Zoom, March 18, 2021.  
 Eastern Idaho forage school, Zoom and Preston, Blackfoot and Rigby, Idaho, March 17, 2021.  
 Eastern Idaho pesticide applicator training, Zoom, March 11, 2021.  
 Pasture management workshops, Zoom, February 9, 16, and 23, 2021.  
 Eastern Idaho pesticide applicator training, Zoom, December 2, 2021.  
 Forage school, Preston and Soda Springs, Idaho, March 11, 2020.  
 University of Idaho dairy forum, Preston, Idaho, February 25, 2020.  
 Caribou and Franklin cereal schools, Soda Springs and Preston, Idaho, February 13 and 14, 2020.  
 Regional dairy conference, Logan, Utah, January 14, 2020.  
 Dairy financial management and decision-making workshops, Preston, Idaho, November 2019 and January 2020.  
 Southeast Idaho pesticide certification workshops, Malad, Preston, Montpelier, Soda Springs (broadcast to Arco and Hailey), American Falls, and Blackfoot, Idaho, December 4-6, 2019.  
 Franklin County 4-H camp, Alpine, Wyoming, June 10-12, 2019.  
 High tunnel workshop, Preston, Idaho and Logan, Utah, May 22, 2019.  
 Pasture management workshops, Rexburg, Idaho Falls, and Preston, Idaho, March 2019.  
 Pruning fruit trees, Preston, Idaho March 16, 2019.  
 Forage school, Preston, Idaho, March 14, 2019.  
 Southeast Idaho cereal school, Preston, Idaho, February 8, 2019.

**Miscellaneous Extension Publications:**

Bear Lake County Extension Newsletter:  
 Confront uncertainty like a farmer. January 2022.

**Popular Press:**

Stress versus strain. Ag Proud Idaho, October 2023.  
 Understand your stress and control the outcome. Idaho Grain Producers Association, Summer 2023.



**Popular Press (Cont.):**

Teaming up for farmer mental health. Ag Proud Idaho, October 2022.  
Stick to smaller trees when transplanting. Preston Citizen, November 2021.  
Keep your pasture grass healthy. Preston Citizen, November 2021.  
Keeping perennial grass healthy. Preston Citizen, October 2021.  
Overwintering potted perennials. Preston Citizen, October 2021.  
Selective weed control for landscapes. Preston Citizen, September 2021.  
Nitrate and prussic acid poisoning. Preston Citizen, September 2021.  
Fall raspberry management. Preston Citizen, August 2021.  
Managing yard water in a drought. Preston Citizen, July 2021.  
Summer tree pruning, Preston Citizen. June 2021.  
Why you should consider micro-irrigation. Preston Citizen, June 2021.  
Black grass bugs, Preston Citizen. May 2021.  
Lawn water management starts now. Preston Citizen, May 2021.  
Treat soon for shot hole blight. Preston Citizen, April 2021.  
More bang for your buck: Which nitrogen applications for irrigated pasture. Progressive Forage, April 2021.  
How to use horticultural oil effectively. Preston Citizen, April 2021.  
The bush cherry alternative. Preston Citizen, March 2021.  
Honeyberry: 'New' berry for home gardeners. Preston Citizen, February 2021.  
Drought-resistant gardening. Preston Citizen, January 2021.  
Life lessons in herbicide resistance. Preston Citizen, January 2021.  
Poisonous spiders are rare in Idaho. Preston Citizen, January 2021.  
Understanding spray adjuvants. Preston Citizen, December 2020.  
Idaho agriculture deserves applause. Preston Citizen, December 2020.  
Confront uncertainty like a farmer. Preston Citizen, November 2020.  
Deep water trees and shrubs in fall. Preston Citizen, October 2020.  
Organic matters (soil organic matter). Preston Citizen, October 2020.  
Common raspberry woes. Preston Citizen, October 2020.  
Proper tree planting prevents grief. Preston Citizen, September 2020.  
Get ahead of box elder bugs. Preston Citizen, September 2020.  
Raspberry troubles you're most likely to see. Preston Citizen, August 2020.  
Smart insecticide use is up to you. Preston Citizen, August 2020.  
Vigilance is needed beyond dyer's woad. Preston Citizen, July 2020.  
Be on the lookout for elm seed bugs. Preston Citizen, July 2020.  
Lawn water management saves more than just water. Preston Citizen, June 2020.  
Watch for powdery mildew. Preston Citizen, June 2020.  
Join Idaho ag COVID-19 calls. Preston Citizen, May 2020.  
Treat now for shot-hole blight. Preston Citizen, May 2020.  
Garden planting guide for Franklin County. Preston Citizen, April 2020.  
Shade trees require pruning too. Preston Citizen, April 2020.  
Learn now, then prepare next. Preston Citizen, March 2020.  
Time to prune. Preston Citizen, March 2020.  
Wheat is wonderful. Preston Citizen, February 2020.  
Winter preparation equals spring prosperity. Preston Citizen, January 2020.  
Grass-guided grazing decisions. Preston Citizen, January 2020.  
Understanding earwigs. Preston Citizen, December 2019.  
Idaho's agricultural industry is alive and well. Preston Citizen, December 2019.  
Home brewed maple syrup. Preston Citizen, November 2020.  
October can be scary for livestock too. Preston Citizen, October 2019.  
Backyard chickens in winter. Preston Citizen, October 2019.  
Gummosis. Preston Citizen, September 2019.  
Fire blight. Preston Citizen, September 2018.  
Four fall yard tasks. Preston Citizen, September 2019.  
Pesticides are safe when used appropriately. Preston Citizen, August 2019.  
Invest in quality shade trees. Preston Citizen, August 2019.  
Weed and feed has collateral damage. Preston Citizen, July 2019.

**Popular Press (Cont.):**

Grasshopper control. Preston Citizen, July 2019.  
 Mormon crickets invade West Side. Preston Citizen, July 2019.  
 Understanding broadleaf weed control. Preston Citizen, June 2019.  
 Managing iron chlorosis, part 4. Preston Citizen, June 2019.  
 Managing iron chlorosis, part 3. Preston Citizen, May 2019.  
 Managing iron chlorosis, part 2. Preston Citizen, May 2019.  
 Managing iron chlorosis, part 1. Preston Citizen, April 2019.  
 Did the frost kill fruit flowers. Preston Citizen, April 2019.  
 Garden season extension. Preston Citizen, March 2019.  
 Garden magic. Preston Citizen, March 2019.  
 Why to consider micro-irrigation. Preston Citizen, February 2019.  
 Fruit tree pruning for dummies. Preston Citizen, February 2019.  
 Learn the secrets of growing grapes. Intermountain Farm & Ranch, January 2019.  
 Tips to help farmers manage markets. Preston Citizen, January 2019.  
 Learn the secrets of growing grapes. Preston Citizen, December 2018.  
 4-H is for volunteers, too. Preston Citizen, December 2018.  
 4-H is for kids and volunteers too. Intermountain Farm & Ranch, December 2018.  
 Prostrate yard weeds. Preston Citizen, October 2018.  
 Knowing when to prune raspberries. Preston Citizen, October 2018.  
 Understanding rootstock. Preston Citizen, September 2018.  
 Should we have saved the dodo? Preston Citizen, August 2018.

**Interview Articles:**

Kerndl, A. Managing stress as a farmer. KBOI Idaho News interview, May 31, 2023.  
 Hall, B. Community mental health project moves forward. Idaho Enterprise, April 13, 2023.  
 Hall, B. Mental health planning session meets for initial discussion. Idaho Enterprise, February 16, 2023.  
 Sparks, D. Idaho maple syrup. Ag Information Network radio interview, October 25, 2022.  
 O'Connell, J. Maple syrup production possibilities in Idaho. College of Agriculture and Life Sciences newsletter, University of Idaho, October 23, 2022.  
 Ott, C. Maple syrup in the Intermountain West. Idaho Farm Bureau Dirt Road Discussions Podcast, May 19, 2022.  
 Jaynes, L. Farm stress. Ag Proud magazine article, February 2022.  
 Boam, R. Online news interview, 4-H and county fair. Cache Valley Daily online news interview, July 15, 2020.  
 Local 8 News Team. 'Mormon crickets' invade Franklin County. KIDK TV news interview, July 26, 2019.  
 Anderson, M. 'Mormon crickets' swarm southeast Idaho towns. KSL 5 TV news interview, July 23, 2019.

**Applied Research/Demonstration Trials:**

Late-season control of bindweed (*Convolvulus arvensis*) with selected herbicides, Swan Lake, Idaho, 2022-present.  
 Effect of nitrogen source and rate on economics of growing irrigated pasture grass, Chesterfield, Idaho, 2019-2021.  
 Effect of cover crop termination timing on soil moisture, Soda Springs, Idaho, 2019-2020.

**Judging:**

National Association of County Agriculture Agents educational video recording contest judge, April 2023.  
 Idaho State Rangeland Assessment Career Development Event, Blackfoot, Idaho, October 13, 2020.  
 Idaho Rangeland Skill-a-thon, oral presentations, Alpine, Wyoming, September 2019.

**Community Service:**

Unites States Selective Service System Local Board, 2021-2023.  
 Youth Basketball Coach, 2014-2020, 2023-present.  
 Scout Master, Trapper Trails Council, Boy Scouts of America, 2013-2018.  
 West Side School District Board, 2012-present, chairman 2017, 2021-present.

**Review Activities:**

University of Nevada Cooperative Extension, publication reviewer. 2023, one publication.  
 University of Idaho Extension Publishing, FastTrack reviewer.  
 2022, one publication.

**Service Honors and Awards:**

Henderson, B. Graham Quate Award, Utah Department of Agriculture and Food, 2015.

**PROFESSIONAL DEVELOPMENT:****Outreach:**

Eastern District fall professional development meeting, Swan Valley, Idaho, September 20-21, 2023.  
 Utah State University fall seminar series, Determining sap yield of three different maple species and the viability of a maple syrup industry in northern Utah, online, September 18, 2023.  
 Horticulture and small farms inservice training, Twin Falls, Idaho, September 11-13, 2023.  
 Regenerative farming practices: how to nourish our soil and reclaim our health, Skelly Skills, online, August 31, 2023.  
 Utah State University Extension, Fox Hills restoration ranch tour, Soda Spring, Idaho, August 24, 2023.  
 Utah State University xeriscape plant evaluation, Logan, Utah, August 10, 2023.  
 University of Idaho Extension Pesticide Safety Education Webinar: Turf insect management, online, August 8, 2023.  
 Eastern District animal science inservice training, University of Idaho Extension, Nancy M. Cummings Research and Extension Center, Carmen, Idaho, May 18-19, 2023.  
 Non-target herbicide injury in the urban environment, Cultivating healthy plants: An integrated pest management series, University of Nevada, Reno, online, May 11, 2023.  
 Idaho Rangeland Center update and visioning discussion, Chubbuck, Idaho, May 9, 2023.  
 Eastern District spring faculty meeting, Pocatello, Idaho, April 27, 2023.  
 University of Idaho Extension annual conference, Sun Valley, Idaho, April 10-13, 2023.  
 Preventing water stress in trees, Cultivating healthy plants: An integrated pest management series, University of Nevada, Reno, online, April 6, 2023.  
 Idaho hay and forage conference, Twin Falls, Idaho, February 16, 2023.  
 Utah State Horticultural Association annual convention, online, January 26-27, 2023.  
 University of Idaho Pesticide Education Webinar: Recent invasive insects in Idaho, online, December 13, 2022.  
 Idaho Pest Management Association education day, Twin Falls, Idaho, December 8, 2022.  
 Eastern District fall faculty meeting, Montpelier, Idaho, November 2-3, 2022.  
 Idaho farm and ranch conference, Idaho State Department of Agriculture, Boise, Idaho, October 24-25, 2022.  
 Everyday democracy facilitator training, online, July 22, 2022.  
 Fall range forum, Idaho Rangeland Center, Pocatello, Idaho, October 6, 2022.  
 What's eating your garden? Practical control methods for voles, deer, and woodpeckers. online, September 22, 2022.  
 Rexburg forage field day, University of Idaho, Rexburg, Idaho, May 20, 2022.  
 Maple tapping workshop, Utah State University, Salem, Utah, May 16, 2022.  
 University of Idaho Extension annual conference, Moscow, Idaho, April 11-13, 2022.  
 Tree pests: what to manage, what to ignore, and what's impossible to fix, Utah State University, online, April 7, 2022.  
 Stress and health: Finding ways to cope, online, April 6, 2022.

**Outreach (Cont.):**

Idaho direct seed workshop, Idaho Falls, Idaho, March 1, 2022.  
Utah State horticulture association annual convention, online, January 20-21, 2022.  
Strategies for preventing farm suicides, Online, November 30, 2021.  
Digital Measures training, University of Idaho Extension, Zoom, October 19, 2021.  
Eastern District fall faculty meeting, Challis, Idaho, September 28-29, 2021.  
Horticulture and small farms inservice, University of Idaho Extension, Caldwell, Idaho, July 19-20, 2021.  
Eastern District spring faculty meeting, University of Idaho Extension, Idaho Falls, Idaho, April 27, 2021.  
University of Idaho Extension annual conference, University of Idaho Extension, Zoom, April 12-16, 2021.  
Cold-hardy berry varieties suited for the mountain west. online, March 18, 2021.  
Invasive diseases of landscape trees, online, February 9, 2021.  
Cereal school, University of Idaho Extension, online, February 2-3, 2021.  
Utah fruit convention, online, January 21, 2021.  
Mental health first aide, Preston, Idaho, January 19, 21, 26, 2021.  
Revegetation strategies for rangelands, online, January 7, 2021.  
Idaho agriculture outlook seminar, online, December 15-18, 2020.  
Asian giant hornet and common lookalike species, online, December 8, 2020.  
Digital Measures training, University of Idaho Extension, Zoom, June 8, 2020.  
Forage legumes in organic pasture and successful inter-seeding, online, March 20, 2020.  
2020 Direct seed workshop, Pocatello, Idaho, March 10, 2020.  
FinPack training, Twin Falls, Idaho, March 5, 2020.  
Integrated pest management workshop, Logan, Utah, January 7, 2020.  
Idaho agriculture outlook seminar, Idaho Falls, Idaho, December 10, 2019.  
Evaluation training, University of Idaho Extension, Zoom, October 18, 2019.  
Northwest forage workers conference, Salmon, Idaho, October 15-16, 2019.  
Horticulture in-service, Aberdeen, Idaho July 16-17, 2019.  
Eastern district faculty meeting, Rigby, Idaho, May 30, 2019.  
Shooting sports training, Rigby, Idaho, May 26-27, 2019  
University of Idaho Extension annual conference, Idaho Falls, Idaho, March 25-28, 2019.  
Idaho soil health workshop, Idaho Falls, Idaho, March 4, 2019.  
Hay and forage conference, Heyburn, Idaho, February 22, 2019.  
Mountain states oilseed school, Weston, Idaho, February 20, 2019.  
Northern Utah soil health workshop, Tremonton, Utah, February 19, 2019.  
Idaho horticulture expo. Boise, Idaho, January 16-18, 2019.  
Priority Extension Themes meeting, Boise, Idaho, November 26-29, 2018.  
University of Idaho new faculty orientation, Moscow, Idaho, August 2018.

**Administration/Management:**

County chair training, University of Idaho Extension, Zoom, April 28, 2020.