

CURRICULUM VITAE FOR EXTENSION EDUCATOR FACULTY

University of Idaho

NAME: Bracken Henderson

DATE: October 30, 2024

RANK OR TITLE: Extension Educator, Associate Extension Professor

DEPARTMENT: University of Idaho Extension, Eastern District

OFFICE LOCATION: UI Extension, Franklin County
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DATE OF FIRST EMPLOYMENT AT UI: July 30, 2018

DATE OF TENURE: July 1, 2024

DATE OF PRESENT RANK OR TITLE: July 1, 2024

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:

Changing our Mental and Emotional Trajectory (COMET) Community, 2024.

Question, Persuade, Refer (QPR) Gatekeeper Instructor for Suicide Prevention, 2021, 2024.

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

EXPERIENCE:

Teaching, Extension and Research Appointments:

Associate Extension Professor and County Extension Educator, University of Idaho, Franklin County, Preston, Idaho, 2024-present.

Assistant Extension Professor and County Extension Educator, University of Idaho, Franklin County, Preston, Idaho, 2018-2024.

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

Areas of Specialization(cont):

4-H Youth Development
Community Food Systems

Interns/Students Advised:

Sant, Carey, Idaho State University, Undeclared, 2024

Materials Developed:**Video Productions:**

Henderson, B. Beginning master gardener: Pruning roses. Only available to class participants.
 Henderson, B. Beginning master gardener: Fruit tree pruning. Only available to class participants.
 Henderson, B. Beginning master gardener: Pruning shade trees. Only available to class participants.
 Henderson, B. Beginning master gardener: Pruning basics. Only available to class participants.
 Henderson, B. Beginning master gardener: Pruning small fruits. Only available to class participants.
 Henderson, B. Beginning master gardener: Pesticides. Only available to class participants.
 Henderson, B. Beginning master gardener: Pruning shrubs. Only available to class participants.
 Henderson, B. Advanced master gardener: Vermicomposting. Only available to class participants.
 Henderson, B. Advanced master gardener: Lawn problem diagnosis. Only available to class participants.
 Hansen, L., D. Callister, B. Henderson, K. Tiffit, and T. Hoene, Farmer Mental Health Part III, A Farmer's story of anxiety, panic attacks, and hope. YouTube video. <https://www.youtube.com/watch?v=-d4iHtcRCS8>. 2024.
 Hansen, L., D. Callister, B. Henderson, K. Tiffit, and T. Hoene, Farmer Mental Health Part II, The Story of David and Makayla Callister. YouTube video. <https://www.youtube.com/watch?v=gtOYkTUYNpQ>. 2024.
 Hansen, L., D. Callister, B. Henderson, K. Tiffit, and T. Hoene, Farmer Mental Health Part I, Scott Fuhrman: The story of a survivor. YouTube video. <https://www.youtube.com/watch?v=6x0-8zFdI8g>. 2024.
 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. Idaho home garden tips: Unique berries, online, October 22, 2024.
 Henderson, B. Idaho home garden tips: Lawn problem diagnosis, online, May 14, 2024.
 Henderson, B. Advanced master gardener: Vermiculture, online, April 16, 2024.
 Henderson, B. Tree care in Idaho, Malad, Idaho, March 27, 2024.
 Henderson, B. Garden and orchard care, Cub River, Idaho, February 28, 2024.
 Henderson, B. Green collar college: Turf diseases and pests, Boise, Idaho January 17, 2024.
 Henderson, B. Tapping maples with buckets, Mink Creek, Idaho, November 2, 2023.
 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.

Commercial and Consumer Horticulture (Cont.):

- 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.
- 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:

- Henderson, B. Idaho farm stress workshop: Panel member, Twin Falls, Idaho, June 26, 2024.
- Henderson, B. Forage school: Weed control in alfalfa, Blackfoot, Preston, Malad, Mud Lake, Idaho, March 6-8, 2024.
- Henderson, B. Pesticide applicator training: Turfgrass pest management, online, December 4, 2023.
- 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.

Agriculture and Natural Resources (Cont.):

- 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.
- 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 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. Beginning archery, Malad, Idaho, March 27, 2024.
- Henderson, B. Beginning rifle, Preston, Idaho, March 8, 2024.
- Henderson, B. Livestock day camp: Plant identification, Preston, Malad, Grace, and Montpelier, Idaho, June 18-20, 2024.
- Henderson, B. and J. Hatch. Worm dissection, Alpine Wyoming, 6 sessions, June 10-11, 2024.
- Sant, L. and **B. Henderson**. Bread in a bag, elementary schools, Preston and Dayton, Idaho. 4 sessions, April 2 and 23, 2024.
- Sant, L. and **B. Henderson**. Tobacco and vaping prevention, elementary school, Dayton, Idaho. April 4, 2024.
- Henderson, B. Tapping maples with buckets, Dayton and Pocatello, Idaho, February 27-28, 2024.
- Henderson, B. Adventures in the classroom, Preston, Idaho, November 16, 2023.
- 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.
- Henderson, B. Air rifle, 4-H club, Preston, Idaho, 4 sessions, June 2019.

4-H Youth Development (Cont.):

- 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:**

Callister, D., L. Hansen, **B. Henderson**, T. Howard, K. Tiff, and T. Hoene. 2024 Breaking the barriers of stigma to address suicide and mental health. <https://www.uidaho.edu/-/media/uidaho-responsive/files/extension/admin/impacts/2024/9-24-dcallister-mental-health.pdf?la=en&rev=bd081c66608841dbb6e0c8bde8c5f2ca>.

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. Tiff. 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).

Grants and Contracts Awarded (Cont):

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

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. Internship funding University of Idaho, 2024, \$6,800 (\$6,800 spending authority).

Henderson, B. Field bindweed (*Covulvulus 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

District (Cont):

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 Association of Extension 4-H Professionals, 2024.
 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:**

Advanced maple tapping: tubing installation, Clifton, Idaho, May 1, 2024.
 Drone section 107 certification training, Preston, Idaho, April 15-16, 2024.
 Franklin County 4-H camp, Alpine, Wyoming, June 10-12, 2024.
 Forage school, Preston, Idaho, March 7, 2024.
 Cereal school, Preston, Idaho, February 9, 2024.
 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.

Classes, Workshops, Seminars, Share Fairs and Tours Organized (Cont):

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:

Jefferson County Extension Newsletter: Idaho maple syrup. February 2024.
 Bear Lake County Extension Newsletter: Confront uncertainty like a farmer. January 2022.

Popular Press:

How to deal with voles in your landscape. Preston Citizen, October 2024.
 Tricks to preserve your pumpkin for Halloween and beyond. East Idaho News, October 2024.
 Why do white trunks protect trees in Idaho, East Idaho News, October 2024.
 What to do about spots on your apple leaves. East Idaho News, September 2024.
 The secrets of earwigs, East Idaho News, August 2024.
 Be on the lookout for elm seed bugs, East Idaho News, August 2024.
 Tomato plants but no fruit, East Idaho News, July 2024.
 Venomous spiders are rare in Idaho, East Idaho News, July 2024.
 Prostrate problems? Tips to manage problem weeds in your garden, East Idaho News, June 2024.
 Pesticides are safe when used appropriately, June 2024.
 Tips to boost water efficiency in your garden, East Idaho News, May 2024.
 Here's where you can find helpful resources for your yard or garden, East Idaho News, May 2024.
 How to eliminate blight on leaves and fruit, East Idaho News, April 2024.
 Smart insecticide use is up to you, East Idaho News, April 2024.
 Producing large onions in your home garden, East Idaho News, March 2024.
 Pest control: horticultural oils vs dormant oil, East Idaho News, March 2024.
 Get ready to prune fruit trees, East Idaho News, March 2024.
 The bush cherry alternative, East Idaho News, February 2024.
 Growing grapes in southeast Idaho, East Idaho News, February 2024.
 Training young shade trees, East Idaho News, January 2024.
 Idaho maple syrup: yes you can make it and here's how, East Idaho News, January 2024.
 Honeyberry: 'new' berry for home gardeners, East Idaho News, December 2023.
 Which deicer is best to use near grass and plants, East Idaho News, December 2023.
 Overwintering your potted perennials, East Idaho News, November 2023.
 Understanding raspberry management, East Idaho News, November 2023.
 Stress versus strain. Ag Proud Idaho, October 2023.
 Understand your stress and control the outcome. Idaho Grain Producers Association, Summer 2023.
 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.

Popular Press (Cont.):

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.
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.

Popular Press (Cont.):

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.

Interview Articles (Cont):

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:

Box Elder County Fair, vegetable judge, Tremonton, Utah, August 2024.
 Utah Future Farmers of America (FFA) Agriscience Fair judge, Logan, Utah, March 2024.
 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:

United 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, 2012-2023, chairman 2017, 2021-2023.

Review Activities:

University of Idaho Extension Publishing, FastTrack editor. 2024, two publications.
 Utah State University, promotion and tenure reviewer. 2024, one applicant.
 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:**

Cultivating Healthy Plants: A beginners guide to landscaping with native plants, online, October 24, 2024.
Eastern District Fall Professional Development Meeting. Fort Hall, Idaho, October 8-9, 2024.
NACAA Western Region Professional Improvement Conference, Sandpoint, Idaho, September 23-26, 2024.
Horticulture and Small Farms Inservice, Donnelly, Idaho, July 9-11, 2024.
Utah State University farm field day, Blue Creek, Utah, July 2, 2024.
Idaho Association of County Agriculture Agents Inservice, Albion, Idaho, June 5-6, 2024.
Cultivating Healthy Plants: Overview of Invasive Organisms in the West and their Control Options, online, May 16, 2024.
Eastern District spring professional development meeting, Idaho Falls, Idaho, April 25, 2024.
University of Idaho Extension annual conference, Moscow, Idaho, April 8-11, 2024.
Farmers Market Boot Camp, online, March 19 and 26, 2024.
Cultivating Healthy Plants: Managing Borers and Bark Beetles, online, February 1, 2024.
Utah State University farm succession training, Tremonton, Utah, January 30, 2024.
Utah State Horticultural Association annual convention, online, January 25-26, 2024.
Idaho Professional Development Network of Idaho: Finding Happiness, online, January 4, 2024.
Invasive Species Webinar Series: Nuisance Pests in Utah, online, December 7, 2023.
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.

Outreach (Cont.):

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.
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.