

CURRICULUM VITAE

University of Idaho

NAME: Jessica Lauren Windh

DATE: June 10, 2024

RANK OR TITLE: Assistant Professor, Extension Specialist – Rangeland and Natural Resource Economics

DEPARTMENT: Agricultural Economics and Rural Sociology

OFFICE LOCATION: Twin Falls Research and Extension Center
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DATE OF FIRST EMPLOYMENT AT UI: October 30, 2023

DATE OF TENURE: Untenured

DATE OF PRESENT RANK OR TITLE: January 1, 2024

EDUCATION BEYOND HIGH SCHOOL:

Degrees:

Ph.D., 2023, Agricultural Economics, University of Nebraska- Lincoln, Lincoln, Nebraska
M.S., 2019, Agricultural Economics, University of Wyoming, Laramie, Wyoming
B.S., 2016, Rangeland Ecology & Watershed Management, University of Wyoming, Laramie, Wyoming

EXPERIENCE:

Teaching, Extension and Research Appointments:

Assistant Professor, Extension Specialist, Rangeland and Natural Resource Economics, University of Idaho, Twin Falls, Idaho, 2023-present
Graduate Research Assistant, Sampson Fellow, Center for Grassland Studies, University of Nebraska-Lincoln, Lincoln, Nebraska, 2022-2023
Undergraduate Recruitment Coordinator, Center for Grassland Studies, University of Nebraska-Lincoln, Lincoln, Nebraska, 2019-2022
Graduate Research Assistant, Agricultural Economics, University of Wyoming, Laramie, Wyoming, 2017-2019
Project Manager, Sustainable Rangelands Roundtable, University of Wyoming, Laramie, Wyoming, 2017-2023

TEACHING ACCOMPLISHMENTS:

Students Advised:

Graduate Students:

Graduate Committee Member:

Acharya, Birochan, University of Idaho, M.S. Agricultural Economics, grad. 2024

Undergraduate Students:

Student Interns:

Kate Kallenbach, University of Idaho, David Little Endowment fund student intern, 2024

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

- Windh, J. 2024. Integrated Crop-Livestock Systems: Benefits and barriers from an economist's point of view. *Integrated Crop Livestock Systems of Idaho: A Way Forward workshop*, May 15, Caldwell, ID
- Windh, J. 2024. Reducing Feed Input & Grazing Costs. *Three Rivers Grazing Conference*, March 28, Lewiston, ID

SCHOLARSHIP ACCOMPLISHMENTS:

Description of personal contributions

- a. Graduate work
 - b. Undergraduate work
- * 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:**Refereed:****Journals:**

- Windh, JL**, Ritten, JP, Derner, JD, Paisley, S, Lee, B. 2020. Effects of long-term cattle market conditions on continuous season-long and rotational grazing system revenues. *The Rangeland Journal* 42(3): 227-231. (a, 3, 4, 5, 6)
- Scasta J, Jorns T, Derner J, Lake S, Augustine D, **Windh J**, Smith T. 2019. Validation of DNA metabarcoding of fecal samples using cattle fed known rations. *Animal Feed Science and Technology*. 255: 114219. (b, 3)
- Windh JL**, Ritten JP, Derner JD, Paisley SI, Lee BP. 2019. Economic Cost Analysis of Continuous-Season-Long versus Rotational Grazing Systems. *Western Economics Forum*. 17(1): 62-72. (a, 3, 4, 5, 6)
- Windh JL**, Scasta JD, Stam B. 2019. Contemporary livestock-predator themes identified through a Wyoming, USA rancher survey. *Rangelands*. 41(2): 94-101. (b, 3,4,5,6)
- Scasta JD, Stam B, **Windh JL**. 2017. Modeling large carnivore and ranch attribute effects on livestock predation and non-lethal losses. *Rangeland Ecology and Management*. 71(6): 815-826. (b, 3, 6)
- Scasta JD, Stam B, **Windh JL**. 2017. Rancher-reported efficacy of lethal and non-lethal livestock predation mitigation strategies for a suite of carnivores. *Scientific Reports*. 7: 14105. (b, 3, 6)
- Scasta JD, **Windh JL**, Smith T, Baumgartner B. 2015. Drought consequences for cow-calf production in Wyoming: 2011–2014. *Rangelands* 37(5): 171-177. (b, 5)

Extension Publications:

Peer Reviewed/Evaluated:**Extension Publications:**

Windh JL, Scasta JD, Stam B. 2017. Dead lambs and calves aren't the only loss: Counting the non-lethal cost of predators in Wyoming. *Reflections 2017*: 33-35. (b, 3, 4, 5, 6)

Windh JL, Ritten JP, Derner JD, Paisley SI, Lee BP. 2019. Research unwraps costs of five grazing situations, determines which most profitable. *Reflections 2019*: 30-33. (a, 3, 4, 5, 6)

Refereed (in press):

Tanaka, JA, Maczko, KA, **Windh, JL**. *In Press*. Economics of Lesser Prairie Chicken Conservation. *Rangeland Ecology and Management*. (3, 6)

Speer, HF, Cushman, RA, Freetly, HC, Parsons, J, **Windh, J**, Drewnowski, ME. *In Press*. Effect of beef heifer development systems utilizing corn residue and late summer planted cover crops on growth, reproductive performance and economics. *Translational Animal Science*. (a, 3, 4, 5)

Other:**Thesis and Dissertations:**

Windh, JL. 2023. A Bio-Economic Modeling Analysis of Livestock Grazing on Rangelands Utilizing a Supplementary Grazing Resource. PhD dissertation, University of Nebraska- Lincoln.

Windh, JL. 2019. An Economic Evaluation of Season-Long Continuous and Rotational Grazing Systems in Northern Colorado. MS thesis. University of Wyoming.

Scholarly Presentations and Other Creative Activities:**Displays and Posters:****Professional Meeting Papers, Workshops:**

Windh, JL and Tanaka, J. Economics of Lesser Prairie Chicken Conservation. Sustainable Rangeland Roundtable annual meeting, Jackson, WY. August 11, 2023

Windh, JL and Parsons, J. A bio-economic modeling analysis of livestock grazing on rangelands utilizing a supplementary grazing resource. Western Agricultural Economics Association/ Canadian Agricultural Economics Society joint meeting, Whistler, BC, Canada. July 18, 2023

Windh, JL and Parsons, J. Evaluating grazing forages as a portfolio of resources. University of Nebraska Center for Agricultural Profitability annual meeting. Broken Bow, NE. May 23, 2023

Windh JL. Economics of Rangeland Sustainability: A Case Study. Sustainable Rangeland Roundtable annual meeting, Jackson, WY. August 11, 2020

Grants and Contracts Awarded:**Internal Funding Awarded:**

Windh, JL and Launchbaugh, K. 2024. New Tools for Rangeland Productivity: Opportunity or Hazard? David Little Livestock Range Management Endowment, University of Idaho Rangeland Center, 2/7/2024 - 2/2026. \$6,300 (Windh, \$6,300)

Scholarship Honors and Awards:

Windh, JL. Tomek Outstanding PhD Student. University of Nebraska- Lincoln, Department of Agricultural Economics. May 17, 2024.