

CURRICULUM VITAE

University of Idaho

NAME: Karen L. Launchbaugh

DATE: January 21, 2021

RANK OR TITLE: Professor

DEPARTMENT: Forest, Rangeland, and Fire Sciences.

OFFICE LOCATION AND CAMPUS ZIP: CAMPUS CORE, COLLEGE OF NATURAL RESOURCES
BLDG, Room 205 B

Research Assistant: 1985-87, Range Science Dept., Texas A&M University. Investigated effects of range site on diet, intake, and grazing behavior of cattle. Collected diet samples, determined diet quality and composition, and estimated forage production.

Field Researcher: Summer 1982 and 1983, North Dakota Agricultural Experiment Station at Dickinson. Collected range resource data: plant cover and density, biomass production, and soil profile characteristics.

Governmental:

Park Ranger: Summer 1984, Theodore Roosevelt National Park. Presented interpretive programs on rangelands and collected plants for park herbarium.

Private Business Sector:

Ranch Manager: 1976-85, Family-owned sheep and cattle ranch in western North Dakota. Responsible for

Students Advised:

Undergraduates: Regularly advise 5-10 undergraduate students and supervise 1-3

Pritz*, R.K., K.L. Launchbaugh and C.A. Taylor. 1997. Effects of early dietary experience on acceptance and metabolism of juniper by angora and Spanish goats. *Journal of Range Management* 50:600-606.

Launchbaugh, K.L., I.M. Ortega and F.C. Bryant. 1996. Providing habitat for domestic and wild herbivores: Cows, wildlife and man. *The Cattleman* 83:88-97.

Launchbaugh, K.L. and F.D. Provenza. 1991. Learning and memory in grazing livestock: Application to diet selection. *Rangelands* 13:242-244.

Launchbaugh, K.L. and L.D. Howery. 1993. Book review of Grazing Management: An Ecological Perspective. Edited by R.K. Heitschmidt and J.W. Stuth (1991). *Ecology* 74:271-272.

Mastel, K.L. and J.W. Stuth. 1987. Book review of Experimental Behavioral Ecology and Sociobiology. By B. Holldobler and M. Lindauer (1985). *Journal of Range Management* 40:190.

Books (Peer Reviewed/Evaluated):

Launchbaugh, K.L., R.J. Daines, and J.W. Walker [Eds.] 2006. Targeted Grazing: A Natural Approach to Vegetation Management and Landscape Enhancement. Published by the American Sheep Industry Association. Centennial, CO. Available at: <https://targetedgrazing.org/other-resources/targeted-grazing/>

Book Chapters (Peer Reviewed/Evaluated):

Launchbaugh, K.L. 2020. Grazing Animal Behavior. Chapter 46. In: K.J. Moore, M. Collins, C.J. Nelson, and D.D. Redfearn [Eds.]. Forages, Volume 2: The Science of Grassland Agriculture. Wiley-Blackwell, Hoboken, NJ. 148-169.

Presentations at Professional Meetings and Workshops:

Invited Oral Presentations – More than 50 presentations delivered at professional meetings, symposia and workshops. Including: 22 in local/state; 20 in regional/national; and 7 international venues (including the Canada, the U.S., and

- 2017 - Effects of spring cattle grazing on greater sage-grouse. USDI Bureau of Land Management (C. Conway & K. Launchbaugh. \$530,000).
- 2017 - Collegiate Teams for Idaho Rangeland Assessment. USDA Natural Resources Conservation Service. (K. Launchbaugh & A. Hulet. \$180,796.79)
- 2017 - Effects of cattle grazing on greater sage-grouse. UDSA-Forest Service (K. Launchbaugh & C. Conway; \$31,348)
- 2017 – Idaho Cattle Foundation - Rock Creek and Sage-Grouse Interns (K. Launchbaugh. \$20,950)
- 2015 897 -1
2016 - Effects of Spring Grazing on Sage-Grouse. (C. Conway & K. Launchbaugh. \$263,000)
- 2015 - Effects of Spring Grazing on Sage-Grouse. (C. Conway & K. Launchbaugh. \$.494 0 Td(.)d()82.2 (0.006 Tc -0.003 Tw

2001 to 2006 – Sheep Grazing for Noxious Rangeland Weed Management in Idaho. USDA-Hatch project, \$4,000 per year. (K. Launchbaugh)

2001 – Deferment of Grazing after Fire as it Affects Weed Infestations and Sagebrush Recruitment. UI David Little Livestock Range Management Endowment, \$23,585. (K. Launchbaugh with S. Seefeldt).

2000 – Role of Herbivore Nutritional Status on Consumption of Chemically Defended Plants. University of Idaho Seed Grant, \$7,405. (K. Launchbaugh)

1999 – Developing Prescription Grazing Guidelines for Spotted Knapweed Control on Rangeland. USDA-

Land Management at Craters of the Moon. 2002. Summer tour of Idaho Section of the Society for range management. Organized and Co-Led 1½ day field tour near Arco, ID.

Ecologically Sustainable Ranching: Tools for the Changing West. 2001. Created and supervised a 1-day symposium in Boise, ID sponsored by the Idaho Section of the Society for Range Management and the Idaho Rangeland Resource Commission.

Grazing Behavior of Livestock and Wildlife. 1999. Organized a 2-day symposium for the Idaho Section of the Society for Range Management and the Idaho Rangeland Resource Commission. Co-Led with Dr. J. D. Vavra, University of Idaho, and Dr. J. D. Vavra, University of Idaho.

