

Glenn Owings

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Professional Summary

Seven years as a professional rangeland ecologist in western Wyoming, with broad responsibilities including the development of livestock grazing management plans, ecosystem health assessment, field education, grazing policy support, data collection, interdisciplinary team leadership, and data analysis. Six years of experience leading a county 4-H program, administering volunteer management, youth development education, and large-scale community events. Strong community collaboration through those roles, including numerous local, regional, and state-level cooperative grants. Currently serving as University of Wyoming Extension's Capacity Building Specialist, overseeing reporting systems, grant management and compliance, impact storytelling, and professional development for a workforce of approximately 50 Extension educators across Wyoming. Coordinating program collaboration and communication with an additional 50+ faculty specialists and administrative staff.

Degrees

M.S., *Animal & Range Sciences* (2012), Montana State University

B.S., *Natural Resources and Rangeland Ecology* (2010), Montana State University

Professional Experience

University of Wyoming Extension, 2015-Present

Capacity Building Specialist, Laramie, WY, 2024-present

Comprehensive oversight of accomplishment reports, project results, and grant compliance processes for the UW Extension system. Oversee professional development opportunities and events for all educators, including onboarding, new employee orientations, coaching team leadership, and ongoing training opportunities. Communicate and educate employees on best practice and policy changes regarding reporting, civil rights compliance, evaluation, and statewide needs assessment efforts. Report annual outcomes and impacts to funding entities and multi-scale stakeholder groups. Guide internal grant and project-based funding structures for statewide program support and development.

4-H/Youth Development Educator, Jackson, WY, 2019-2024

Recruit, support, and sustain 4-H club volunteer leaders, member enrollments, and oversee club operations. Direct all aspects of the 4-H component of the county fair, including logistics, budgets, livestock movements, and comprehensive plans of work. Communicate measured impacts to stakeholders and local partners including county commissioners, foundation donors, and administration. Manage complex budgets supporting programs, youth travel opportunities, recognition programs, and fair events. Support the extension mission in other service areas as needed: i.e., local program steering committees, weed/pest identification, hay testing, pressure canner testing, cooperative rangeland monitoring.

Rangeland Educator, West Area, Pinedale, WY, 2015-2019

Provide education, technical assistance and ecological expertise to agricultural producers, and land and wildlife managers; both independently and through coordinated teams. Support the 4-H program through direct teaching, natural resource project support, and assistance with fair and other seasonal events. Coordinate with other county entities and commissioners as the county coordinator. Report on impacts and contacts associated with educational programs, publications, and other interactions with the public. Lead and participate in multi-partner grant opportunities and statewide educational efforts on topics like rangeland monitoring and grazing permit renewal. Write articles for newsletters, extension bulletins, and ag/natural resource publications.

Sublette County Conservation District, 2012-2015

Rangeland Management Specialist/Program Manager, Pinedale, WY

Develop and execute rangeland health assessments for public and private lands in Sublette County, with an emphasis on upland and riparian processes and wildlife habitat. Oversee the range program, including

budgets, equipment, vehicles, and annual planning for a three-person team. Collaborate with partners from multiple agencies to communicate natural resource principles to various stakeholder groups (ag producers, land managers, general public). Navigate and perform complex field studies in remote locations. Manage large volumes of confidential data and produce concise annual reports including robust statistical analyses.

Professional Service & Awards

Review Services (2025-present): *Rangelands* journal, *Journal of Human Sciences and Extension*

University of Wyoming

- President's Access and Engagement Committee (2024-2026)
- Faculty Senate, alternate, (2024-2025)

Wyoming Association of Extension 4-H Youth Development Professionals

- Secretary, 2022-2024
- Distinguished Service Award (2024), Champion 4-H Agent (2024)

National Association of Extension 4-H Youth Development Professionals

- Western Region Excellence in Natural Resources/Environmental Education (2022)

Society for Range Management

- Rangeland Assessment and Monitoring Committee (society presidential appointment, 2016-2020)

Selected Practical and Extension Outputs

Garrelts, A., M. Smith, **G. Owings**, D. Tekiela, B. Horn. 2018. B-1325, Navigating Draught in Wyoming. *Sections: Preparing for Drought on Rangelands Minimizes More than Lost Income, Understanding How Drought Affects Rangeland Plants Offers Strategies to Combat Moisture Shortage, Not Just Agriculture—Drought Collides with State's Wonderful Recreation, Rangeland Management After Precipitation Near More-Normal*

Wyoming Department of Agriculture, **G. Owings**, B. Stam, M. Smith. 2016. NEPA for Ranchers. WDA Publication.

Owings, G., J. Hemenway, L. Racich, and D. Many. 2015. Merging wildlife habitat and rangeland monitoring techniques for resource efficiency. Presented at the 68th annual meeting of the Society for Range Management, Sacramento, CA.

Owings, G., D. Many, L. Racich, and A. Sommers. 2014. Analysis of influences on vegetative cover: A monitoring case study. Presented at the 67th annual meeting of the Society for Range Management. Orlando, FL.

Owings, G., and C. Marlow. 2011. Landowners guide for re-establishing riparian gallery forests along Montana's Milk River corridor. Department of Animal and Range Sciences Tech. Note. Montana State University. Bozeman, MT.

External Programmatic and Capacity Grants

2012-2024

Wyoming Department of Agriculture Rangeland Health Assessment Program, Teton Conservation District, Northern Plains Climate Hub, Jackson Hole Community Foundation, Teton County 4-H Foundation. Total: \$314K+ supporting direct program output in Wyoming communities.

2024-present

USDA-NIFA Capacity Funding (Smith-Lever b & c, Smith-Lever Special Needs, RREA): Application designee, preparation, and compliance on approx. \$1.8M annually.