

Grass-Grazers-Family: Finding Common Ground

November 1-3, 2016

Colorado State Fairgrounds: Pueblo Colorado
Creative Arts Building

What does it take to develop a successful livestock enterprise, manage grasslands, stay financially sound, and keep the family involved and working toward a common goal?

The Colorado Section of the Society for Range Management and Colorado State University Extension are pleased to announce an exciting training opportunity tying forage, livestock, and family aspects of ranching operations together. Pre-register NOW!



A very special thanks to Western Sustainable
Agriculture Research & Education (SARE) for their
funding support!



Colorado Section
Society for Range Management



Colorado State University
Extension



Agenda

Tuesday, November 1

Creative Arts Building

- 9:00—11:00 Colorado Section SRM Board of Directors Meeting
- 12:00—12:45 Registration
- 12:45—1:00 Welcome and Introduction: **Josh Saunders**, President-Elect, Colorado Section SRM
- 1:00—2:45 What Does it Mean to Know the Range? **Fred Provenza**
- 2:45—3:00 Break
- 3:00—3:50 What Range Cattle Producers Should Know About Johne's Disease! **Dr. Frank Garry**
- 4:00—4:50 Virtual Fencing—What We Know and What is New: **Dean Anderson**

Wednesday, November 2

Creative Arts Building

- 8:00—8:50 CSU Graduate Student Research: **Paul Meiman**
Kevin Jablonski: Moving from Avoidance to actively Managed Grazing in Larkspur Habitat
Jordan Spaak: Yellow Flag Iris Stomp: FFA Students Dancing Toward Invasive Weed Management in Wetlands
- 9:00—9:50 Building a Future on Leased Land: **Nick Trainor**
- 10:00—10:15 Break
- 10:15—11:05 Complex Relationships in Grazing Management: **Grady Grissom**
- 11:15—11:45 Ranching in Sync with Nature: **Steve Oswald**
- 11:45—1:00 **Lunch** Served by the Rye, Colorado Future Farmers of America (FFA)
- 1:00—2:50 Ranching for Profit in the 21st Century: **Kit Pharo**
- 3:15—5:15 **Demonstrations**
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| Permanent Electric Fence | Greg Schwab , Rye, CO |
| Temporary Electric Fence | Gallagher Rep |
| Solar Devices and Uses | Doug Tecklenburg , Olney Springs, CO |
| Pack Mules | Jeff Outhier , US Forest Service |
| Drones on the Ranch | Daniel Melia , Roboflight |
- 6:00—8:00 **Dinner/Annual Business Meeting/Awards**
- 8:00—10:00 **Social/Entertainment**

Rodeo Arena

Creative Arts Building

Thursday, November 3

Creative Arts Building

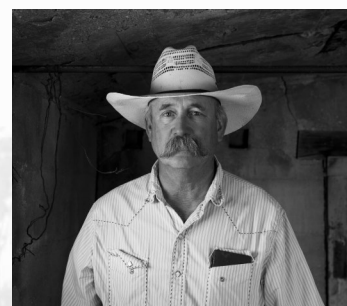
- 8:00—8:50 Ranchers, What is your Legacy? **Jeff Tranel**
- 9:00—9:50 Social and Ecological Outcomes of Rancher Decision-Making in Colorado and Wyoming: **Hailey Wilmer**
- 10:00—10:15 Break
- 10:15—11:05 Business Diversification on a Working Ranch. How One Family Works Together to Build a Stronger Ranch: **Duke Phillips**
- 11:15—12:05 Finding Leverage to Improve Grazing Management: **Dr. Ryan Rhodes**
- 12:15—12:30 Close-out: **Josh Saunders**

Featured Speakers



Fred Provenza is professor emeritus of Behavioral Ecology in the Department of Wildland Resources at Utah State University. He is a pioneer in understanding foraging behavior and how behavior links soils and plants with herbivores and humans. For 40 years, Fred's team did research that laid the foundation for behavior-based management of livestock and wildlife. That work inspired researchers in diverse disciplines, including animal behavior and welfare, wildlife damage science and management, veterinary science, ruminant and human nutrition, chemical ecology, plant ecology and horticulture, landscape restoration ecology, and pasture and rangeland science and management. Join us as Fred relates his experiences with **What Does It Mean to Know the Range?**

Duke Phillips, born and raised in the cattle industry spanning the United States and Latin America, and his wife Janet, have four children, two of whom work in the family ranching business. Duke was raised on an isolated ranch in Mexico and has worked in the ranching industry in Australia, Latin America and across the United States. These operations range in size from over 3 Million acres running 45,000 head of cattle to intensive operations in Florida managing 1,200 head of cattle rotating through 5 acre pastures. Duke will address: **Business Diversification on a Working Ranch... How one Family Works Together to Build a Stronger Ranch.**



Dean M. Anderson, retired from the US Department of Agriculture -Agricultural Research Service in 2015. Virtual Fencing has been his passion since before he received a PhD in range science from Texas A&M University in 1977, and continues to occupy a portion of Dean's time in retirement as he continues to work with commercial companies to bring this methodology of animal control to commercial reality. Listen to Dean as he speaks about **Virtual Fencing - What We Know And What Is New.**

Jeff Tranel has been an Agricultural and Business Management Economist with Colorado State University for more than 30 years. His Extension work focuses on financial management decision making, income taxes, and legacy, business succession, and estate planning. He has addressed agricultural audiences and worked with more than 10,000 farm/ranch families throughout Colorado, 24 other states, and four countries. Jeff's presentation focuses on: **Ranchers, What is Your Legacy?**



Kit Pharo is a very opinionated rancher on the central high plains of Eastern Colorado. While most cow-calf producers spent the last 30+ years trying to increase individual weaning weights, Kit implemented management practices that reduced and eliminated expenses while increasing pounds per acre - instead of per calf. Kit has proven that increasing pounds per acre is much more profitable than increasing pounds per calf. Pharo Cattle Company sends quarterly newsletters and weekly emails to over 20,000 people. Kit's interaction with the audience is: **Ranching for Profit in the 21st Century.**

Dr. Franklyn Garry is a professor in the Department of Clinical Sciences at Colorado State University, where he has been a faculty member since 1987. Dr. Garry is a Diplomate in the American College of Veterinary Internal Medicine. He is a ruminant medicine and surgery specialist. Since 1996 he has coordinated the Integrated Livestock Management program at CSU, which focuses on naturally occurring livestock problems as the basis for research and graduate studies, including dairy, cow-calf and feedlot production systems. All livestock producers know that herd health is critical. Learn **What Range Cattle Producers Should Know About Johne's Disease**.



A fifth generation rancher from southeastern Colorado, **Nick Trainor** has been building Trainor Cattle Company over the last 15 years. Nick studied animal science, ag business and integrated resource management at Colorado State University. After college he worked for 9 years as a range management specialist with the Natural Resource Conservation Service. In January 2014, Trainor Cattle Company was selected unanimously by the Colorado State Land Board Commission to be the grazing lessee on the Lowry Range, located east of Denver. Nick practices holistic grazing and is a member of the Executive Link, a management group for Ranching for Profit alumni. Nick's **Building a Future on Leased Land** will open eyes to opportunities!



Steve & Nancy Oswald own and operate Oswald Cattle Company in Coto-paxi, CO where they run a herd of Angus based cows/yearlings and have developed a direct market grass finished business. Married in 1977, they soon left for the wilds of British Columbia where Steve was involved in the management of 2 fairly large, very remote cattle ranches and Nancy taught in one and two room schools. They returned to Colorado in 1991 and began leasing Nancy's family ranch which is when their real education began. Listen to Steve as he shares his **Ranching in Sync with Nature** experiences.

Dr. Ryan Rhoades is an Assistant Professor and Beef Extension Specialist at Colorado State University. Previously, Ryan spent six years as a faculty member at the King Ranch® Institute for Ranch Management in Kingsville, TX. Ryan received a Ph.D. in Beef Cattle Production at Texas A&M University. In his current position, Ryan is responsible for developing, prioritizing, and implementing innovative statewide beef extension programs based on the Colorado beef industry needs. He has also worked closely with several beef national industry organizations to assist with strategic planning and the development of producer training tools. Ryan, his wife Jacqueline, and son Ryder live in Fort Collins, CO. Dr. Rhoades will present **A Systems Approach to Ranching: Finding Leverage to Improve Grazing Management**.



Hailey Wilmer is the USDA Northern Plains Climate Hub fellow and a PhD candidate at Colorado State University in Rangeland Ecosystem Science. She is interested in ranch adaptation and decision making, and collaborative approaches to research that connect managers and scientists. At the NP Climate Hub she is working to develop climate adaptation strategies for ranchers in the Great Plains. Hailey grew up in Montana and attributes her love of rangelands to her mother, who never let her play inside. Join Hailey as she delivers **(Adaptive) Rangeland Management: Social and Ecological Outcomes of Rancher Decision-Making in Colorado and Wyoming**.



Grady Grissom has been a manager/partner at Rancho Largo Cattle Co. since 1995. Rancho Largo is a 14,000 acre ranch east of Walsenburg, CO where the fundamental philosophy is: maximum ecosystem health equals maximum ranching profit. Strategic time-controlled grazing allows cattle to fill the ecological niche as the primary large grazing ruminant. Grady received a BA in Geology from Princeton University in 1984. Subsequently he worked on ranches in eastern Colorado until 1987 when he returned to graduate school. He finished a PhD in Geology at Stanford University in 1991 and worked as a farrier in the Bay area until 1995 when he landed at Rancho Largo. Grady will share his experiences on **Complex Relationships in Grazing Management**.



Paul Meiman, Associate Professor of Rangeland Ecology and Management has been a member of the Forest and Rangeland Stewardship faculty at Colorado State University since 2006. He has worked extensively with land, livestock and natural resource managers to develop and implement cooperative rangeland monitoring programs and associated resource management and conservation decisions. His interests are closely related to, and have been influenced by on-the-ground interactions with ranchers, land and natural resource managers. Interests include invasive plants, plant/herbivore interactions, livestock grazing management, succession (including post-fire community dynamics), and riparian area management. Paul will speak on **Restoration of Rangeland Plant Communities** and introduce us to his graduate students Kevin and Jordan!



Kevin Jablonski is a PhD student in the Department of Forest and Rangeland Stewardship at Colorado State University. He is studying how larkspur (*Delphinium* spp) affects grazing management, and vice versa, in an effort to improve the ability of producers to effectively manage grazing in larkspur habitat. More broadly he is interested in conducting research that identifies practical solutions to the problems inherent to livestock production, with a focus on strategies that simultaneously result in increased profitability for producers and improved ecological conditions on rangelands. **Moving from Avoidance to Actively Managed Grazing in Larkspur Habitat** is sure to be an interesting synopsis!

Jordan Spaak is a recent graduate from Colorado State University where he earned his M.S in Rangeland Ecosystem Science. Jordan studied under Dr. Paul Meiman focusing on yellow flag iris management. Currently, he is working for the National Park Service as an ecologist, and raising two boys at home. **Yellow Flag Iris Stomp: FFA Students Dancing Toward Invasive Weed Management in Wetlands**.



Jeff Outhier is a Forestry Technician based in Westcliffe, CO with the San Carlos Ranger District on the San Isabel National Forest. He started with the Forest Service in 1988 and has worked in Range, Wilderness, Recreation, Invasive Species, Fire, Fuels, Outfitter/Guides and Trails for the Forest Service. In the 1990's Jeff worked on the Rocky Mountain Region Specialty Pack String. Jeff has packed supplies and freight throughout 5 states with 10 mules and 4 horses. Everything from wrecked airplanes, bridges, fire supplies, fencing material and trail crew supplies. **Watch** Jeff as he gives an excellent demonstration on how to work with the original **All Terrain Vehicles**!

PRE-REGISTRATION & LATE REGISTRATION SCHEDULE

PRE-REGISTER BY OCTOBER 28

Pre-registration is **required** by October 28 online at:

<https://grass-grazers-family.eventbrite.com>

Pre- registration is encouraged!

Late registrations accepted all days of the Workshop.

Lunch and Dinner on November 2nd cannot be guaranteed for late registration!

Pre-Registration

3 day package (November 1-3):	\$45 [includes lunch and dinner-Nov 2nd]
Whole day (November 2):	\$25 [includes lunch]
Half day (November 1 or 3):	\$10 per day [no lunch or dinner]
Dinner (November 2):	\$15

Late Registration

3 day package (November 1-3):	\$50
Whole day (November 2):	\$30
Half day (November 1 or 3):	\$15

Contact regarding questions:

Josh Saunders josh.saunders@co.usda.gov [970-427-3358] [970-520-1936]

Michael Fisher fisher@pueblounty.us [719-583-6566]

Lodging

Rooms blocked under GRASS-GRAZERS-FAMILY

[Hampton Inn](#) 719-566-1726 *select zero to bypass Blocked rooms/rate end October 17
[Microtel Inn & Suites](#) 719-242-2020

[Other Lodging Pueblo](#)

RV/Camping available at Fairgrounds-Contact Michelle Hines; michelle.hines@state.co.us 719-404-2020

Colorado State Fairgrounds Directions and Map

