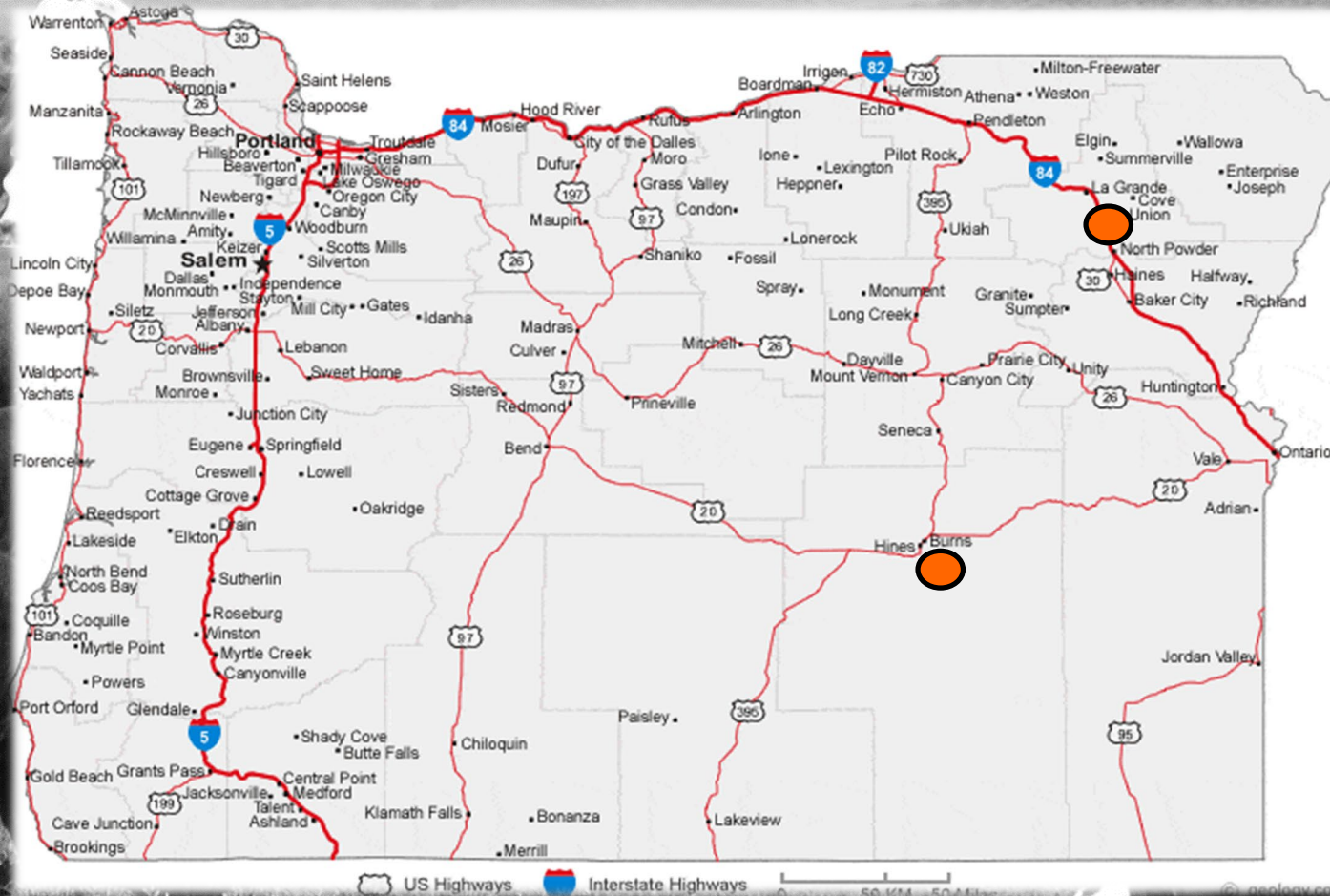


Eastern Oregon Agricultural Research Center



Oregon State
University

EOARC/OSU Budget & Infrastructure

- Essentially Flat Funding compared with 2019
- EOARC Burns is in a positive and stable fiscal position
- Hay barn damaged in 2018 is under construction
- Current Livestock Numbers:
 - 247 mature cows
 - 50 first calf heifers
 - 61 replacement heifers
 - 15 herd bulls (9 Hereford; 6 Angus)
 - 11 young bulls
 - 2 horses
- Working with campus and ARS to try and work out a ground lease for construction of a seed lab
- Deferred Maintenance will be a priority over the next few years

EOARC-Burns OSU Faculty

David Bohnert

– Professor; AnRs; Director (Burns & Union); Beef Cattle Nutrition & Management

Dustin Johnson

– Associate Professor of Practice; AnRs; Rangeland Outreach Coordinator; 100% soft funded

– County position is “on-leave”

Juliana Ranches

– Assistant Professor; AnRs; Beef Cattle Extension Specialist

Vanessa Schroeder

– FRA; AnRs; Sage-Grouse habitat; applied research & outreach

** Program also includes 2 office support staff & 3 farm support staff*

CAS - Update

- *CAS Administrative Restructure*
- *Strategic Vision includes 4 thematic focus areas*
 - *Marine Conservation and Food Systems*
 - *Agricultural Competitiveness and Resilience*
 - *Food Innovation, Markets and Access*
 - *Working and Natural Landscapes*
- *AnRs Department Head Search*
- *Commitment beef cattle and beef production; statewide planning effort*
- *Improve CAS communication and visibility (Promotional Video)*

AnRs - Update

– *Priority Staffing*

- **Tenure track position.** Teaching and research on beef.

– *Stakeholder engagement activities*

- Poster Symposium.
- Visits to Soap Creek Beef Ranch.

Oregon Department of Fisheries and Wildlife and Oregon Cattlemen's Association

- Oregon Dairy Farmers Association Board Meeting (Dec) and Convention (2/25)
- Society for Range Management Annual Meeting, Denver, CO



Program Areas - Burns

Research

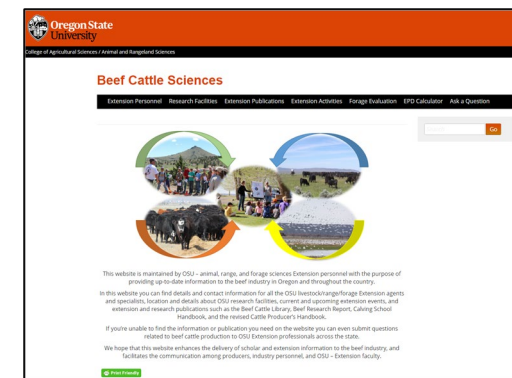
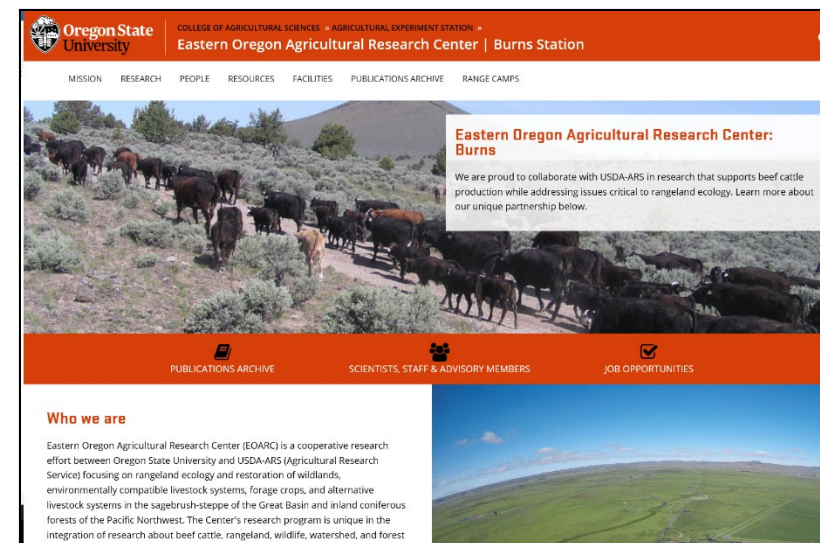
- Nutrition
 - *Supplementation strategies*
 - *Developmental programming*
 - *Mineral Nutrition*
- Health
 - *Weaned calf management*
- Precision Livestock Management
 - *Virtual Fencing*
 - *UAV*
- Sagebrush Rangeland Ecology and Management
 - *Livestock-wildlife interactions (grazing behavior)*
 - *Horses*
 - *Elk*
 - *Sage-grouse*
 - *Song birds*
 - *Revegetation/restoration*
- Meadow ecology & management
 - *Monitoring/Reed canary grass*



Program Areas - Burns

Extension/Outreach

- Preparation and Training
 - AI School; Calving School; Rangeland monitoring; RanchHER (coming soon!)
- Management
 - Comprehensive Ranch Management Planning
 - e.g.: Cowculator; Across-Breed EPD Calculator
 - Nutritional Forage Evaluation
 - GIS & Land Management
- Publications
 - OSU Beef Cattle Publications
 - OR Beef Council Annual Research Report
 - OSU Rangeland Management Publications
- Field Days/Tours
 - Beef Field Day; Range Field Day; Beef Industry Tour
- Youth Education
 - 2nd Grade Field Trip; College Camp; High School Camp
- Electronic Media
 - Email list
 - [Facebook](#)
 - [OSU Beef Cattle Sciences](#)
 - [EOARC](#)



EOARC Collaborative Activities

Candidate Conservation Agreement with Assurances (CCAA)

- Initiated in Harney County
- Contributed in the decision to not list

The High Desert Partnership

- Harney Basin Wetlands Initiative
- Harney County Restoration Collaborative
- Harney County Youth Changing the Community Initiative
- Harney County Wildfire Collaborative
 - Management options to reduce the incidence, severity, and impact of catastrophic wildfires
- Malheur Refuge Comprehensive Conservation Plan (CCP)
 - Involved in the collaborative working group
 - Responsible for long-term monitoring; Reed Canary Grass Study

Harney County Natural Resource Advisory Committee

- Advises the Harney County Court on the needs and priorities of our natural resources; provide substantial comments for the National Environmental Policy Act (NEPA) process; and work through implementing Harney County's land use plan

Harney County Community-Based Water Planning

- Groundwater place-based planning

EOARC & OSU - Addressing Future Needs

Rangeland Fire Specialist – Eastern Oregon

- 12-month; 1.0 FTE fixed-term Assistant Professor of Practice
- Regional, multi-county position that will be located in eastern Oregon
- Part of a six position cluster hire designed to focus on Extension program development and delivery related to wildland fire science and management

Precision Livestock Management Systems for Western Rangelands

Identification of Precision Agriculture Data that more accurately defines optimal and/or strategic livestock management practices on rangelands that increase resource management (environmental and animal), community vitality, and animal health and welfare of the Western US Livestock Industry. This proposal will also develop and evaluate tools to manage western rangelands for optimization of plant/soil biological processes that are critical to the long-term economic outlook of the rural west as well as the multiple ecosystem services contained within the public and private rangelands of the Western US.

