

**Proposal:** OSU Extension 206-07 Innovative Grant  
**Submitted by:** OSU Extension Warm Springs Faculty and Staff – Fara Currim, Emilee Hugie, Arlene Boileau, Danita Macy  
**Date:** March 24, 2006  
**Amount Requested** \$16,500

---

**Project:** “Beef Up the Community”

**Summary:** “Beef Up the Community” is a new project serving the Warm Springs Reservation community, its youth and families. Beef Up the Community advances *economic well-being* of families and community by improving livestock and rangeland resource management practices, providing new ways to realize economic gain for individuals and families, and provide new opportunities for youth and families to serve as stewards of the community. The project will be conducted on 986-acre demonstration range and 64-acre winter-feed lot dedicated to the Rockin’ 4-H Livestock/Range Club by Tribal Council.

This project operationalizes family centered Rockin’ 4-H Livestock/Range Club that teaches livestock management, rangeland resource management, traditional food gathering and preparation, budgeting, and nutrition and food preparation. It provides opportunities for families to start their own cattle herd. The project incorporates a sense of community by being a demonstration for the other six grazing districts, commitment to help those in need by providing meat to the community food bank, providing stewardship for the land and community, and develop cattle herds that provide an additional and sustainable source of income for families. Promoting economic well-being, strengthening healthy families, and providing youth skill development are high priorities for Tribal Council.

#### **Project Team:**

▪ **Principle Investigator** Fara Currim, OSUES Agriculture/4-H Youth Development Faculty serving the Reservation. Currim serves as the lead agriculture/natural resource Extension educator. She has strong partnership ties with Tribal Government’s Natural Resource Branch and serves as advisor to the Tribal Council’s Range Committee and six grazing groups/districts and agriculture/natural resource lead for youth 4-H.

▪ **Team Members:**

*Emilee Hugie and Danita Macy*, Faculty and Staff providing OFNP and FCD nutrition education provide support for nutrition and food preparation education and will integrate “Beef Up the Community” in school education. *Arlene Boileau*, Interim 4-H Staff provides leadership development support for integrating the project in the 4-H program and community wide information and marketing. *Advisory Council* – Jody Calica, Tribal Secretary Treasure; Jason Smith, Range and Agriculture Manager and 4-H Leader; Bobby Brunoe, Natural Resource Branch Manager; Clint Jacks, OSUES Professor Emeritus; John Buckhouse, and Tim Deboodt, OSU; Jeff Sanders, Warm Springs Tribal Member; Jacob Frank Range and Ag Department (traditional and cultural support) and Carmella Scott, Chair, Tribal Council’s Range and Ag Committee serve to guide the project.

#### **Project Plan:**

- **Target Audience** – Three audiences on the Warm Springs Reservation will benefit from the “Beef Up the Community” project:
  1. *4-H Members and their Families* – A minimum of 15 families will be involved in raising and managing beef cattle and rangeland, they will learn best management practices and practice sound principles of community stewardship, and expand culture and traditions.
  2. *Advisory Council* - A minimum of six reservation leaders engaged in stewarding range and livestock, Tribal policy development, fostering tribal cultures and traditions, and building community leadership, will serve to advise, advocate and lead development of the project.
  3. *The Confederated Tribes of Warm Springs Community* – The community will have opportunity to improve genetics by purchase or when animals are removed from the club to start family herds; opportunity to learn sound nutrition and food preparation practices through “Beef Up the Community” workshops; and to take an active role in stewarding the positive youth development and enhancing sense of community.
  
- **Project Justification** –  
*Need to Improve Grazing, Livestock and Land Management Practices* – Rangelands are held by the Tribes and leased to seven grazing groups. In most cases ranges have been heavily used and are in need of rehabilitation. By

better management of horses and cattle and rangelands practices the current income of \$800,000 could be raised to over \$2 million dollars will directly benefit individual families. In addition, cultural root digging areas, watersheds, wildlife habitat and fish habitat will all be greatly enhanced. The current adopted Integrated Resource Management Plan II for grazing areas needs to be implemented in a way that livestock owners can see a hands-on approach to improved range management. The Rockin' 4-H Range/Livestock demonstration range and winter pasture is very important show-and-tell transfer of knowledge to livestock owners, leadership of grazing groups, and community.

*Need for Food coupled with Nutrition Education and access to Native Foods* - The Confederated Tribes of Warm Springs has a rich history of caring for the people, the land and building a strong economic base, however over 70% of enrolled members live below the poverty line. A recent need assessment of child care practices, ongoing nutrition education classes, high rates of diabetes, and limited access to steady food supply supports the need for access to food, skills in making sound nutrition choices and food preparation, and learn ways to extend food budgets. Tribal members seek to integrate native foods such as huckleberries, roots and salmon into their diets, however access to these foods is diminishing. "Beef Up the Community" fosters sound land management practices to cultivate and increase in growing of traditional foods on range and forested lands.

*Need to Advance Stewardship and Build Sense of Community* – Three Tribes make up the Confederated Tribes of the Warm Springs Reservation. Stewardship of the land, community and people is the core belief of Native American culture and tradition. Overtime, barriers of high mortality rates, use of drugs and alcohol, fragmented families and poor economy have limited multigenerational ties to stewardship. "Beef Up the Community" provides unique opportunities for youth, adults and elders to partner as stewards of the reservation's land, communities and its people.

- **Project Goals –**

**Goal 1. MANAGEMENT and PRODUCTION** - Develop range and cattle best management practices on the 1000 acres and winter feed lot demonstration to support grazing, cattle production and enhance development of native foods.

Objective 1a. Advisory Council in cooperation with Tribal Council's Range and Ag Committee identify best management practices and strategies for range and management of cattle management and where appropriate integrate native foods, and identify/leverage needed resources including staff and funding.

Objective 1b. Continue development of Rockin' 4-H Livestock/Range Club led by Jason Smith to engage families and members in implementing best practices and strategies consistent with IRMP II.

Objective 1c. Secure donated cattle or through USDA's youth loan program for 4-H members, partnership with local Cattlemen's Association, and tribal businesses.

**Goal 2. PRODUCTION, MANGEMENT AND NUTRITION EDUCATION** – Develop educational plan with specific goals and time lines that includes a hands-on learning for Rockin' 4-H Club members/families, "Beef Up the Community" partners and community members to learn grazing and cattle management practices, native foods and use, and nutrition and food preparation skills.

Objective 2a. Conduct and evaluate workshops, clinics, tours and classes that assist members, leaders, and families in learning and practicing sound production, management practices and skills in preparing foods.

Objective 2b. Integrate cultural and traditional stewardship practices by engaging elders in regular Rockin' 4-H Livestock/Range Club events and activities.

**Goal 3. ECONOMIC GAIN** – Improve Warm Spring herd size and quality by providing showcasing best practices in management, providing cattle to start/increase quality herd size, and provide new opportunities to improve family income from cattle sales.

Objective 3a. Engage families/clans to invest in starting or increasing herd size as Beef Up the Community Partners in education and partner responsibilities.

Objective 3b. Secure beef cattle for production and breeding to be included in Rockin' 4-H Livestock/Range Club herd for "Beef Up the Community" partners.

Objective 3c. Develop specific plan to provide on-going meat for food donations.

- **Project Outcomes:**

- **Access** Warm Springs community members will have greater access to OSU agriculture and nutrition education as indicated by a minimum of 20 families engaged in Rocking 4-H Club, “Beef UP the Community” partners, and/or community food supply.
- **Resources** Leverage new and sustainable funding resources to support the 4-H Program delivery and FCD Nutrition Education at Warm Springs.
- **Skills** Families including youth and adults will gain greater access and understanding of agricultural practices adopted by IRMP II and OSU and opportunities to practice skills.
- **Economy** Improve community and family economy by assisting families in building herd quality and size, provide new source of income from cattle sales, and provide new sources of food for those in need.
- **Culture** Expand cultural stewardship of land, community and people by integrating elders, best practices and traditional customs.

- **Project Activities:**

*Advisory Council* – The Council leads, advises and communicates with policy leaders and the community about the “Beef Up the Community”. They oversee the development of the demonstration range and winter feedlot in partnership with the Range and Ag Committee to establish and implement management practices for Rockin’4-H Club members.

*Rockin’ 4-H Livestock/Range Club* – In cooperation with club leaders, OSU Faculty and the Advisory Council will provide education workshops and other opportunities to support beef production and implement IRMP II practices. OSU 4-H Faculty and Staff will help support club leader and members in learning leadership skills, and other project management practices that contribute to building a good environment for youth development.

*“Beef Up the Community” Partners* – OSU Faculty and Staff will provide education for partners who receive cattle or are interested in herd improvement. Workshops will address a wide range of production and land management practices so recipients have skills and knowledge to be successful in herd improvement. OSU Faculty and Staff will provide hands on workshops for Warm Spring families to learn how to improve decision making in nutrition choices and how to store and prepare food.

- **Evaluation Plan:** Evaluation will focus on reviewing behavior changes, adopted practices for beef cattle production, land management and development of native foods, and building sense of community stewardship. Research-based instruments will be used to evaluate workshops presented. Findings will be aggregated and summarized. IRMP II targeted outcomes will be adopted and evaluation instruments currently endorsed by Natural Resource Branch and OSU will be incorporated into this project.

**Project Background:**

In 2006, the Confederated Tribes of Warm Springs and OSU will celebrate a 50 year partnership. This partnership has resulted in advancing education and research at the reservation that has resulted in developing management practices for the land and its environment, expanded knowledge, fostered skills to support positive family and youth development, and help the community with their capacity to support economic, human and natural resource health.

This Project aligns with OSU Thematic Areas of Focus by:

1. *Strengthening Economy* by providing new opportunities to use demonstration range/winter feed lot under OSU Extension Service leadership by creating a Rockin’4-H Club for youth and families skills development and financial gain.
2. *Sustaining Natural Resources* by providing access to education and research supporting positive development and management of agricultural and natural resources in a systematic way that leverages fragmented resources into a cohesive team with a shared vision for improving native culture and traditions, improve herd supply and land use practices, and continue implementation of IRMP II (development, management and stewardship of the reservation’s rangeland resources).
3. *Promoting Healthy Families and Communities* by engaging families in developing/enhancing good nutrition choices, preparation practices and financial food management choices. By developing community wide access to opportunities to become involved in meaningful work supporting the positive development of its youth, provide access to food supplies not otherwise available, and build a sense of pride in serving others over self interest.

**Beef Up the Community Budget  
May 1, 2006 – May 31, 2007**

<b>Income</b>	<b>Source</b>	<b>Hard Dollars</b>	<b>In Kind</b>		
Land	Range/winter feed lot 1000/120 acres		\$ 100,000.		
Salaries	.25 OSUES FTE		12,000.		
Branch Travel			2,400.		
Edu. Resources			2,100.		
Grant	OSUES In. Grant	\$ 16,500			
				Total Revenue	\$133,000.
<b>Expenses</b>	<b>Description</b>	<b>Cost</b>			
Equipment	Ie gates, chutes, troughs and fence	\$ 8080.			
Workshop supplies	Teaching materials	570.			
Hay		8,000.			
Salary	.16 OSU FTE	7,050			
Travel		800.			
				Total Expenses	\$24,500.
				Balance	\$ 108,500.

Year 2 -10 of “Beef Up the Community” will integrate sale of beef cattle to support ongoing workshop supplies, salary and travel associated with the Project. Equipment replacement schedule will begin in year four.