

## 2013 FRTEP Project Summaries

### Alaska

| Institution                       | Title   | 2016 Funding Amount |
|-----------------------------------|---|---------------------|
| University of Alaska<br>Fairbanks | Promoting Healthy and Thriving Tribes in Remote,<br>Interior Alaska | \$82,400            |

This FRTEP program addresses youth development, food security and the reduction of childhood obesity, thus being aligned with the REE Mission Area goals.

The FRTEP Educator will continue a focus on home gardening as a means to food security and skiing as a positive youth activity that encourages physical fitness. A recent evaluation of the home gardening program revealed that of 20 survey respondents started home gardening because of their FRTEP training. These respondents shared their produce with less food secure neighbors and reported feeling more self-sufficient as a result of gardening. Five of the tribal gardeners grew 250 pounds of food and nine of them said they saved \$500 by growing their own food. The FRTEP program had a beginning farmer outreach which will also be continued contingent on leveraged funding.

| Institution                       | Title   | 2016 Funding Amount |
|-----------------------------------|---|---------------------|
| University of Alaska<br>Fairbanks | Vibrant Communities through Resilient Youth<br>(ViCTRY) | \$77,400            |

This FRTEP program addresses youth development and rural prosperity, meeting REE Mission Area goals.

The Project Director was able to leverage this grant to obtain funding from a 4-H grant to support expanded activities and programming. The 4-H effort will be expanded to reach remote areas of Bristol Bay and provide 4-H to younger students (kindergarten through second grade) under the Cloverbuds program. A key element of this 4-H focused Extension will be to recruit and train adult volunteers from the reservation communities who

can provide in-depth mentoring to small groups of four to eight youth. Cultural 4-H activities such as fur trapping and mushing will also be continued in year two of the grant. The PD also leveraged this funding to obtain NIFA's Rural Health and Safety grant to develop an emergency preparedness program for reservation communities.

## Arizona

| Institution  | Title  | 2016 Funding Amount |
|--|--|---------------------|
| Arizona Board of Regents,<br>University of Arizona | AZ Indian Country Extension Programs: Hualapai<br>Nation | \$73,400            |

The project focuses on youth development, rural prosperity, science literacy and sustainable agriculture, addressing REE Mission Area goals.

The program has a strong youth component with 714 students participating in 58 programs, mainly focused on science education, including entomology, forestry and nature studies. The Extension Educator also provided natural science education to students at the Hualapai Juvenile Detention & Rehabilitation Center and increased the number of Head Start nature classes from one to four. In addition, the Educator partnered with the Bureau of Indian Affairs and the Boys and Girls Club to hold spring break forestry activities and a summer camp in partnership with the Hualapai Department of Natural Resources. Most of the agricultural outreach was conducted in partnership with the Tribe's natural resource department. In 2014, the Educator began an effort to reach women farmers and ranchers on the reservation.

| Institution  | Title  | 2016 Funding Amount |
|--|--|---------------------|
| Arizona Board of Regents,<br>University of Arizona | AZ Indian Country Extension Programs: San Carlos<br>Apache Tribe | \$81,400            |

The project focuses on sustainable agriculture, farm productivity and youth development, addressing REE Mission Area goals.

The Extension office held ranch management and restocking workshops attended by 10 producers. The attendees requested additional workshops, covering veterinary care and computer technology for ranch management. A solar pump workshop drew 13 participants and resulted in the Ash Creek Cattle Association applying for a grant to set up solar pumps on reservation farms. Youth and adults participated in natural horsemanship workshops. The agent provided community gardens for the San Carlos Rehabilitation/Detention Center and for Boys and Girls Clubs. These activities were expanded with the addition of a garden program for preschool students.

| Institution  | Title   | 2016 Funding Amount |
|--|---|---------------------|
| Arizona Board of Regents,<br>University of Arizona | AZ Indian Country Extension Programs: Colorado<br>River Indian Tribe (CRIT) | \$70,400            |

The project focuses on stewardship of native rangeland, food security, youth development and the promotion of prosperous farms and rural communities in support of REE Mission Area goals.

In 2013 the FRTEP Project Director lead an effort to establish a certification program in irrigation technology by linking the Bureau of Indian Affairs, USDA's National Resource Conservation Service, and a local Community College. This program, set up in response to demand from the agricultural industry, will provide enhanced job opportunity for reservation citizens. The Project Director also partnered with University of Arizona Specialists to conduct three IPM continuing education workshops for CRIT Growers in addition to 12 other agricultural workshops. The Extension Educator made 38 visits to local schools to teach horticulture and gardening education to 55 students. 4-H workshops were conducted and students planted citrus and stone fruit

trees at the Le Pera Elementary School. In addition, the Educator partnered with the tribal farm to create an Exhibit on CRIT Reservation Agriculture featuring a variety of crops grown by CRIT Farmers.

| Institution  | Title   | 2016 Funding Amount |
|--|---|---------------------|
| Arizona Board of Regents,<br>University of Arizona | AZ Indian Country Extension Programs: The Hopi<br>Tribe | \$70,400            |

The project focuses on farm profitability, youth development and rural prosperity, addressing REE Mission Area goals.

The Hopi Pu'tavi Project, an artists' cooperative developed by the FRTEP Educator, completed its 14th Annual Tuhisma Art Market with 41 Hopi artists selling \$100,000 in merchandise over two days. A Risk Management Education grant provided funding for two workshops, attended by 47 individuals who learned how to improve corral design to reduce animal stress and improve farm productivity. A second risk management conference, involving farm safety will be held in 2014. This year, the office will also be partnering with the Hopi Special Diabetes Project and the Hopi Community Health Representatives Office to provide education on traditional foods and native edible plants. In addition, Hopi ranchers will mentor and train reservation youth in in traditional farming.

| Institution  | Title   | 2016 Funding Amount |
|--|---|---------------------|
| Arizona Board of Regents,<br>University of Arizona | AZ Indian Country Extension Programs: Navajo<br>Nation-Shiprock | \$80,400            |

The project focuses on farm prosperity, food security, nutrition and rural prosperity, addressing REE Mission Area goals.

The Extension Educator spent the bulk of 2013 recruiting farmers to participate in the "Navajo Farm-to-School" program. The STAR School, a charter elementary school serving the reservation community, received a USDA Farm-to-School grant to integrating reservation-grown produce into meals at 224 Navajo Nation schools. The

grant, only \$44,000, covers planning only. For the project to succeed, the school needs a critical mass of reservation producers who can certify their farms under federal food safety and quality standards. The FRTEP agent continues to recruit farmers and train them in growing, packaging, managing and marketing in a way that will qualify them as program participants. The agent also initiated a new Extension partnership with the Dine' Land Grant office. In addition, the Educator continues to conduct beef quality certification trainings and provide youth with agricultural presentations at fairs and schools.

| Institution  | Title  | 2016 Funding Amount |
|--|--|---------------------|
| Arizona Board of Regents,<br>University of Arizona | AZ Indian Country Extension Programs: Navajo<br>Nation-Tuba City | \$71,400            |

The project focuses on sustainable farming, drought management, youth development and training to promote prosperous farms and rural communities in pursuit of addressing REE Mission Area goals.

The Navajo Nation gave the Extension Educator office space enabling an expansion of services and to add constituents. A junior rodeo program was continued that is popular with youth and families and drew 85 participants. The Educator held 11 youth rodeos, a youth horse and livestock show and a physical fitness event. In addition the Educator recruited tribal speakers and held workshops and field days on soil and water conservation, traditional farming and drought management. Conservation trainings in cooperation with the tribe were held along with USDA-NRCS, the local conservation district, and the Bureau of Indian Affairs. The Extension effort also included Beef Quality Assurance training and a Master Gardener program.

| Institution  | Title   | 2016 Funding Amount |
|--|---|---------------------|
| Arizona Board of Regents,<br>University of Arizona | AZ Indian Country Extension Programs: Tri-State<br>Navajo Ext-Window Rock | \$94,400            |

The project focuses on educational workshops for profitable farming, food security, youth development and food security in pursuit of addressing REE Mission Area goals.

The FRTEP agent provided Beef Quality Assurance (BQA) training to 244 reservation citizens, 120 of whom took and passed their BQA certification exam, proving they could meet food safety and herd health management standards. This opened up markets for the BQA certified producers. The agent also participated in the Navajo Nation Equine Expo along with Dine College and a local veterinarian, providing information on equine training and care. The agent provided leadership on community gardens in Pinon, Chinle and Tsaile Arizona and collaborated with other Extension programs on 4-H activities, including programs in water conservation, agriculture and leadership development.

## California

| Institution                  | Title   | 2016 Funding Amount |
|------------------------------|---|---------------------|
| The University of California | The Northwest California Tribal Communities Extension Program | \$83,400            |

The project focuses on food security, youth development and rural prosperity, addressing REE Mission Area goals.

This FRTEP program has involved both youth and their families in creating a center for 4-H activities from dilapidated rodeo grounds. The FRTEP agent leveraged funding to obtain supplies to repair the facility and both youth and adults worked in its restoration. Youth planted shade trees at the facility in 2013 as a part of its renewal. Adults and youth will collaborate on planning 4-H activities with the youth suggesting archery, cultural learning, nutrition and horticulture and the adults planning the lessons and gathering materials. 4-H events and a family day camp were held in 2014 to recruit more participants. The Extension Educator will also continue a 4-H college-ready curriculum. This six-week course, provided at the local charter high school, plays an important role in promoting higher education as the school does not have a college counselor.

## Florida

| Institution           | Title  | 2016 Funding Amount |
|-----------------------|--|---------------------|
| University of Florida | Increasing Knowledge of Optimal Production Strategies for Agricultural Operations, and Empowering Youth with Beneficial Life Skills in the Seminole Tribe of Florida | \$73,400            |

This FRTEP program addresses farming and ranching enterprises, youth development and rural prosperity, addressing REE Mission Area Goals.

The Extension Educator will provide Seminole ranchers will workshops on improving forage and controlling weeds, designed to enhance cow condition scores and raise calving rates. In addition, the Educator will enhance the training given to volunteers in the youth program so that youth have better social skills, civic engagement and academic success. The Seminole 4-H program will also have a Program Coordinator and two Program Assistants, which will improve the management of these programs and expand the number of youth who will have access to 4-H programming.

## Idaho

| Institution         | Title  | 2016 Funding Amount |
|---------------------|--|---------------------|
| University of Idaho | Federally Registered Tribes Extension Program<br>(FRTEP) Coeur d`Alene Reservation Project | \$78,900            |

This FRTEP program addresses the REE goal promoting science education. This project also addresses the goals of promoting rural prosperity, ensuring food security and involving youth in conservation and agriculture.

A nature trail, built by 13 youth will allow all 400 students at Lakeside Middle School a place to learn about local ecosystems. The Extension Educator also provided programs on robotics, soil science and water conservation. The Extension Educator also worked with 80 adult volunteers to develop an anti-bullying task force. Community gardens provided food to low-income families and the educator worked with the USDA's food distribution office on the Coeur d'Alene to construct a community orchard. A farmers market also increased access to produce and fostered economic development.

| Institution         | Title   | 2016 Funding Amount |
|---------------------|---|---------------------|
| University of Idaho | USDA-NIFA Fort Hall Agricultural Extension<br>Program | \$89,939            |

The project focuses on promoting profitable ranches, food safety through animal disease control, youth development and fostering rural prosperity in pursuit of addressing REE Mission Area goals.

The FRTEP Project Director and Extension Educator provided ranchers one-on-one support and training to help them detect and control cattle disease such as trichomoniasis and dystocia. The Educator also helped ranchers improve their bull selection criteria, resulting in increased ranch productivity. The Educator provided training in financial management for 10 percent of the ranchers and helped the entire ranching community to recover 25,000 rangeland acres through rehabilitation and improved weed control.

| Institution   | Title   | 2016 Funding Amount |
|---|---|---------------------|
| University of Idaho   | Federally Recognized Tribes Extension Program (FRTEP) Nez Perce Reservation | \$79,400            |
| <p>The project focuses on youth development, reduction in childhood obesity and the promotion of prosperous rural communities, addressing REE Mission Area goals.</p> <p>The Nez Perce FRTEP effort centers on horsemanship, gardening and community development through tribal land sovereignty. The Project Director completed a guide to reservation life and delivered a class on Indian land and leases as part of the Keeping the Legacy Alive program. The PD continues to offer the horsemanship education program on the reservation and received teacher certifications so she could continue equine science classes at the Lapwai High School. The PD will be faculty member of the school's ag vocational program and teach a two-credit class in equine science.</p> |   |                     |

| Michigan   |  |                     |
|--|--|---------------------|
| Institution  | Title  | 2016 Funding Amount |
| Michigan State University  | Anishinabek (American Indian) Farmers in the New Economy and Youth Empowerment | \$88,400            |
| <p>The project focuses on farm profitability, food security, youth development and rural prosperity, addressing REE Mission Area goals.</p> <p>The Educator provides Extension services to four reservations: Bay Mills, Hannahville Indian Community, the Little Traverse Bay Bands of Odawa Indians and the Sault Tribe of Chippewa Indians. To cover such a large Extension area the Educator draws upon resources of Bay Mills Community College and the Intertribal Agricultural Council, expanding their agricultural Extension efforts to remote Tribes. In return, these entities support the programs of the FRTEP office. For example, when the Little Traverse Bay Bands of Odawa Indians</p> |  |                     |

purchased a farm, the FRTEP agent linked them with resources from the college and the IAC. Sault Tribe of Chippewa Indians applied for a USDA Farm-to-School grant because they attended agricultural workshops sponsored by FRTEP, IAC and another tribe. The FRTEP Educator helped Bay Mills with training in fruit pruning. In turn, Bay Mills obtained additional funding to support the FRTEP sponsored Tribal Youth Farm Stand Project (YFSP) in the region. YFSP teaches youth community supported agriculture and entrepreneurship while promoting food security. There is a YFSP effort in each FRTEP reservation community with each tribe contributing mentors and land to the program.

## Minnesota

| Institution             | Title                                | 2016 Funding Amount |
|-------------------------|--------------------------------------|---------------------|
| University of Minnesota | Bimaadiziwin - A Healthy Way of Life | \$80,900            |

This FRTEP program addresses food security and enhanced stewardship of natural resources through traditional agriculture and food gathering, goals of the REE Mission Office.

The Extension Educator will continue promoting water conservation and sustainable land use by teaching Anishinaabe conservation and agricultural practices. A community garden effort will focus on four demonstration gardens, a hoop house and a new heritage seed bank at Leech Lake Tribal College. The Extension agent will continue a water quality outreach by hosting two wastewater roundtables to enhance synergies between tribal professionals from all seven of Minnesota's Ojibwe Bands. Finally, the Extension Educator will produce a peer-reviewed traditional ecological field guide. Information from this guide will also be made available on-line and a local radio station will broadcast programs based on its message of Anishinaabe conservation and agriculture, expanding the number of Leech Lake community members who have access to the resource.

## Mississippi

| Institution                  | Title   | 2016 Funding Amount |
|------------------------------|---|---------------------|
| Mississippi State University | Mississippi Band of Choctaw Indians Extension Program | \$74,400            |

The project focuses on youth development, food security, nutrition, sustainable agriculture and rural prosperity – addressing REE Mission Area goals.

The FRTEP Extension Educator partnered with the tribe to obtain a \$1million grant to build 18 high tunnels in tribal communities, providing a means to localize produce production. The proximity of the high tunnels to local schools also creates opportunity for agricultural education. The food produced in the high tunnels is already being marketed and sold locally under the “Choctaw Fresh Produce” brand. The educator provided technical support to control Cogon Grass to increase acreage available to farmers and ranchers and secured herbicide donations to support this effort. The youth outreach effort included field trips for 100 tribal high school students and a mentoring program for eight at-risk youth. The mentoring project, a partnership with the Tribal Youth Court, will draw on members of the agricultural community who can provide youth with vocational training in addition to life skills.

## Montana

| Institution              | Title   | 2016 Funding Amount |
|--------------------------|---|---------------------|
| Montana State University | Blackfeet Federally Recognized Tribes Extension Project | \$87,400            |

This FRTEP program addresses farm profitability, science literacy and local economic health and youth development.

The average age of the 900 agricultural producers on the Blackfeet reservation is 55. With the graying of the agricultural workforce, this project seeks to engage more youth in agriculture and give them the skills to be successful farmers. This is accomplished through participation in the Junior Ag Loan program where four youth, working with their parents, borrowed \$8,500 to purchase and breed 28 cattle. Ten youth also participated in a workshop on native plants and weeds, as part of a conservation program. The Extension Educator provided farmer and rancher workshops on beef marketing, obtaining loans and biologic control of weeds. Ranchers also participated in a workshop on effective pregnancy testing in cattle and record keeping.

| Institution              | Title  | 2016 Funding Amount |
|--------------------------|--|---------------------|
| Montana State University | Flathead Federally Recognized Tribes Extension Project | \$89,400            |

This FRTEP program addresses farming and ranching enterprises, food security, youth development and rural prosperity, thus, addressing REE Mission Area goals.

The Extension Educator will provide a 4-H program that focuses on academic success, homework help, mentoring and summer camps. Farmers and ranchers can participate in workshops on ranch and range management, livestock production, irrigation and conservation. The agent intends to reach 155 tribal producers through an annual range education program in addition to one-on-one technical support. Homeowners can

receive information on financial management, indoor and outdoor pest control, home gardening and food safety. Each Fall, the Extension office holds a food preservation class as a means of extending the food security benefits of home gardens.

| Institution              | Title  | 2016 Funding Amount |
|--------------------------|--|---------------------|
| Montana State University | Ft. Peck Federally Recognized Tribes Extension Project | \$84,400            |

The project focuses on sustainable agriculture, farm productivity, food security and youth development, addressing REE Mission Area goals.

This FRTEP program’s community garden provided 600 pounds of food in 2013, which was donated to tribal elderly and needy families. This 99-acre community garden also serves as a place to teach home gardening to residents. The garden also produced 500 pumpkins, and children from two reservation kindergartens got first pick of the harvest to make jack-o-lanterns with their families, with the remaining pumpkins also contributing to reservation food security. The agent collaborated with an 1862 partner to obtain a Western SARE grant to provide horticulture tours and training in partnership with reservation horticulture businesses. This “horticultural tour” event increased reservation commerce and home gardening. The youth outreach effort has focused on farm safety in response community demand in the aftermath of accidents and deaths involving youth on reservation farms.

| Institution              | Title   | 2016 Funding Amount |
|--------------------------|---|---------------------|
| Montana State University | Ft. Belknap Federally Recognized Tribes Extension Project | \$70,400            |

The project focuses on sustainable agriculture, farm productivity and youth development, addressing REE Mission Area goals.

This FRTEP program increased profitability of local ranchers by reorganizing a livestock marketing cooperative and restoring its certified livestock scale. As a result, 12 livestock producers used the scale to ship their 2013

calf crop and 32 lose horses from the facility. This freed up grazing land and gave owners an income of \$150 per horse. In addition, a mini grant was approved by the Western Risk Management Center for the Extension Educator to survey area livestock producers about their knowledge of and interest in risk management. The agent also provided agricultural education to 38 elementary school students and gave 100 6<sup>th</sup> grade students from reservation schools a living science lesson on worm farms, soil and composting as part of an agricultural event. Three summer camps were also provided, including a survival skills camp for 100 reservation youth.

| Institution              | Title  | 2016 Funding Amount |
|--------------------------|--|---------------------|
| Montana State University | Northern Cheyenne Federally Recognized Tribes<br>Extension Project | \$67,400            |

The project focuses on sustainable agriculture, youth development and rural prosperity which addresses the REE Mission Area goals.

The FRTEP office provided pesticide applicator training to 15 individuals allowing them to obtain 6 re-certification credits required to maintain their employment. In addition, 256 food service professionals obtained a required ServSafe Certificate necessary for operating or working in many restaurants, nursing homes and schools. Both certification activities contributed to job creation and preservation in the reservation community. The youth garden project involved making tire gardens. A two day course for producers in agri-marketing and farm management was well received.

## Nevada

| Institution                       | Title  | 2016 Funding Amount |
|-----------------------------------|--|---------------------|
| Nevada System of Higher Education | Nevada Federally Recognized Tribes Extension Project | \$82,400            |

This FRTEP program enhances farmers' ability to adapt to drought and other severe weather conditions, promotes 4-H and youth development, and an increase food security and rural prosperity, addressing REE Mission Area goals.

FRTEP Educators facilitated nine meetings with Tribes regarding the USDA Farm Bill and drought assistance on seven reservations. Barrick Mines provided funding for 16 hoop houses on nine reservation communities. FRTEP staff provided construction and technical expertise so that communities could establish and maintain the hoop houses. A \$40,000 NRCS grant provided education on sustainable farming on Nevada tribal lands. The Extension office continued its nutrition education program for youth and built youth hoop houses on two reservations as a setting for encouraging healthy food choices. These leveraged activities will continue with the addition of a program on soil testing and Horticulture instruction, the addition of new 4-H programs and enhanced stakeholder communications.

## New Mexico

| Institution                 | Title   | 2016 Funding Amount |
|-----------------------------|---|---------------------|
| New Mexico State University | Jicarilla Federally Recognized Tribes Extension Program | \$80,400            |

The project focuses on adapting agriculture to drought conditions, farm productivity, and food security which addresses the REE Mission Area goals.

This FRTEP office partnered with USDA's NRCS to provide 64 tribal producers with information on how to manage the 700 wild horses on reservation land. An additional 17 producers have reported that they used information learned from the Jicarilla Farm and Ranch Short Course to keep better records for tax purposes as well as for reporting information to the Farm Service Agency for cost-share programs. The Extension Educator made 624 individual contacts with ranchers within the Jicarilla reservation to provide technical assistance. In addition, the agent promoted tribal participation in the USDA's agricultural census so that Indian Country would have fair representation. Weed management training resulted in 1,000 acres being evaluated for musk thistle and Canadian thistle and 20 percent being treated. The agent has partnered with the Jicarilla Cattle Growers Commission, providing them office space, equipment and technical support. This has resulted in collaboration on a drought plan and a new Jicarilla Range Code.

| Institution                 | Title  | 2016 Funding Amount |
|-----------------------------|--|---------------------|
| New Mexico State University | Zuni Federally Recognized Tribes Extension Program | \$74,400            |

This FRTEP program addresses farm profitability, nutrition and the development of youth and local economies. This aligns with the REE Mission goals.

The Extension Educator will continue a program of 4-H activities including crafts, outdoor sports and livestock projects. An outreach effort for youth seeks to reduce the incidence of suicide, drug use and bullying. The

FRTEP program will also offer classes in diabetes management, nutrition and food safety. The agricultural outreach will train farmers and ranchers in beef and sheep quality assurance programs, sheering and dry land farming. Community and school gardens, combined with farmers markets, will further promote healthy diets and food security on the Zuni Reservation.

## North Carolina

| Institution                     | Title  | 2016 Funding Amount |
|---------------------------------|--|---------------------|
| North Carolina State University | Eastern Band of Cherokee Indians Federally Recognized Tribes Extension Program | \$84,400            |

The project addresses food security, reducing childhood obesity and rural prosperity – addressing REE Mission Area goals.

This FRTEP program will focus on promoting home gardening among the Eastern Band of Cherokee Indians through seed distributions, garden kits, and promotion of the tribal farmland lease program. Over the last decade this FRTEP program has increased the number of home gardens on the reservation by 60 percent. An archery program provided 39 youths with physical activity. In addition, a pesticide collection effort took 592 pounds of potentially dangerous chemicals out of the community for safe disposal.

## North Dakota

| Institution                   | Title   | 2016 Funding Amount |
|-------------------------------|---|---------------------|
| North Dakota State University | Empowering Tribal Youth and Producers at Fort Berthold through Extension Outreach | \$86,400            |

The project focuses on agriculture education, youth development and rural prosperity, addressing REE Mission Area goals.

This FRTEP office primarily focuses on youth development. At risk youth from the White Shield and Twin Buttes region graduated from a 4-H mentoring program and entered their leather craft and beadwork projects into the 2013 North Dakota State Fair. The project conducted in partnership with Juvenile Justice, was in addition to a gardening project at the Fort Berthold Community College Land Lab which gave youth an introduction to genetics through a squash breeding project. Students at the Twin Buttes Elementary School had the opportunity to grow gardens and plant tree seedlings. The Parshall 4-H Club provided youth with activities involving crafts, animal care and health. In 2014, the FRTEP 4-H program partnered with the Twin Buttes Boys and Girls Club to establish a high tunnel youth organic gardening project. The FRTEP agent provided three themed gardens (pizza herbs, butterfly catchers and traditional) to a new Head Start program. In addition, the Educator will continue to offer diabetes management classes.

## Oklahoma

| Institution               | Title  | 2016 Funding Amount |
|---------------------------|--|---------------------|
| Oklahoma State University | Cooperative Extension Education for Muscogee<br>(Creek) Nation | \$73,400            |

The project focuses on youth development and rural prosperity, addressing REE Mission Area goals.

In the absence of the FRTEP educator, program assistants have been or will be hired to carry on the programming. One of those program assistants will be placed in Okmulgee County where the Muscogee (Creek) Nation headquarters are located. She will serve as the primary liaison between Oklahoma Cooperative Extension and the Muscogee (Creek) Nation. The second program assistant will work from the Creek County Cooperative and the third will be from the Muskogee County office. The Muskogee educator reached over 400 Creek children with his robotics, straw rockets, and liquid nitrogen workshops. Ten Creek youth also participated in a 4-H Northeast District Speech Contest.

## Oregon

| Institution             | Title                                    | 2016 Funding Amount |
|-------------------------|--|---------------------|
| Oregon State University | Warm Springs Extension Project 2013-2017 | \$80,900            |

The project focuses on farm profitability, food safety through animal identification, livestock disease prevention, rural prosperity and youth development, addressing REE Mission Area goals.

The Extension Educator facilitated the sixth annual equine castration clinic, adding two additional sessions to meet tribal demand. A total of 93 horses were castrated in cooperation with the Oregon State's College of Veterinary Medicine and its Animal Sciences Department. This will help to control wild horse populations and

increase grazing land. The agent also assisted tribal ranchers with artificial insemination for cattle. She facilitated discussions between the Tribe and the Oregon Agricultural Department on upcoming USDA-mandated animal health plans and corresponding animal traceability policies under APHIS guidelines. The Educator also served as a liaison between the Bureau of Reclamation and the Confederated Tribes of Warm Springs, so that weather stations could be installed at the tribal farm. The agent continued Beef Quality Assurance training in partnership with university and taught Ag In The Classroom to fourth graders at Warm Springs Elementary School.

## South Dakota

| Institution                   | Title  | 2016 Funding Amount |
|-------------------------------|--|---------------------|
| South Dakota State University | SDSU Tribal Extension Program for Cheyenne River Reservation | \$65,400            |

The project focuses on youth development, food security and the promotion of prosperous rural communities in pursuit of addressing REE Mission Area goals.

The Extension Educator received certification to teach the “Workin’ With Tradition” program which uses a culturally driven curriculum to teach soft skills relevant to workforce development. The agent then met with Oyate Connections/Tribal Ventures to discuss a new workforce initiative based on this training. The Educator also hosted the South Dakota Agriculture and Rural Leadership’s Native outreach program. In addition, the Educator provided numerous garden programs including the Cheyenne River Youth Project, a tribal health program at the Cheyenne River Eagle Butte school district. Presentations were also made at the White Earth Indigenous Agriculture and the South Dakota Local Foods conference on food sovereignty. In 2014, financial literacy, employment skills training and youth science programs were added.

| Institution                   | Title  | 2016 Funding Amount |
|-------------------------------|--|---------------------|
| South Dakota State University | SDSU Tribal Extension Program for Pine Ridge Reservation | \$82,900            |

The project focuses on food security, youth development and rural prosperity, addressing REE Mission Area goals.

The Extension Educator obtained a USDA Rural Development Grant which will fund economic analysis of the reservation and provide training for improved development planning. Pine Ridge is the first reservation community to receive this funding. After receiving the grant, the Extension Educator will continue to work with Red Cloud Small Business Incubator and the Pine Ridge Chamber of Commerce to implement the project. The Extension Educator also supported 86 community gardens, providing tillage, seed distribution and technical advice, including gardens at Oglala Lakota College and several social service programs. In addition, the farrier program gave 24 citizens employment and business skills.

| Institution                   | Title   | 2016 Funding Amount |
|-------------------------------|---|---------------------|
| South Dakota State University | SDSU Tribal Extension Program for Rosebud Reservation | \$94,900            |

The project focuses on food security, youth development, rural prosperity and science literacy, addressing REE Mission Area goals.

The program has a strong vocational component. Nine students completed a Rosebud farrier class. The Extension educator trained as a leader in the “Workin’ With Tradition” curriculum in order to provide culturally based workforce development. Classes in robotics and junk drawer engineering engaged youth in the sciences. A 4-H camp and horseman ship activities helped youth stay active. Older students participated in “Teens as Teachers” mentoring younger students. The Extension Educator also provided garden programs to the Boys and Girls Clubs and to the youth detention center. A canning workshop was held in partnership with Sinta Gleska University.

## Washington

| Institution                    | Title                                  | 2016 Funding Amount |
|--------------------------------|--|---------------------|
| Washington State<br>University | Colville Reservation Extension Program | \$84,400            |

The project focuses on sustainable agriculture, farm productivity and youth development, addressing the REE Mission Area goals.

By working with USDA agencies, the tribe, the university and other non-profits, the FRTEP Extension Educator intends to provide more and better programming in bio-fuels, production agriculture and youth development. A memorandum of understand has been drafted to create the first Tribal Extension Office in Washington State. In 2013, the Extension educator partnered with USDA-APHIS to provide farmers education on emerging livestock diseases and their prevention. The Educator used USDA risk management funding to promote awareness of livestock health issues. The Extension office also provided an eight-week course on “Positive Indian Parenting” to tribal families. In addition, seven 4-H clubs have been established on the Colville Reservation and a special outreach for at-risk families was established in partnership with the Office of Juvenile Justice and Delinquency Prevention.

| Institution                    | Title  | 2016 Funding Amount |
|--------------------------------|--|---------------------|
| Washington State<br>University | Kalispel Tribal Extension - Preparing Our Future<br>through Our Past | \$82,400            |

The project focuses on conservation in response to climate change, food security, nutrition and youth development which addresses REE Mission Area goals.

The FRTEP Educator facilitated two county-wide wildfire prevention meetings involving 30 tribal community members. As a result the tribe worked with FRTEP to conduct a controlled burning of 668 acres of tribal lands

to ensure public safety and improve forest health. Community gardens provided over 200 pounds of produce for the tribal senior lunch program. Another demo garden, featuring traditional tea plants, was highlighted at the annual Culture Camp. In addition, 65 percent of the healthy cooking class participants said they were better food consumers and practiced better food safety. Participants in the “grow your own groceries” program also reported that they were better equipped to meet their food needs. Finally, 906 youth were served through 4-H and other Extension programs, including gardening, archery and a stream ecology summer camp.

## Wisconsin

| Institution             | Title  | 2016 Funding Amount |
|-------------------------|--|---------------------|
| University of Wisconsin | Wisconsin Bad River Reservation FRTEP Project:<br>Embracing Culture: Utilizing Traditional and Local<br>Foods to Fight Obesity | \$72,400            |

The project addresses youth development, reduction in childhood obesity, food security and rural prosperity, aligning with the REE Mission Area goals.

This FRTEP program will focus on youth entrepreneurship and community supported agriculture. It will use community gardens to engage and educate tribal youth in harvesting traditional gardening and food preparation. Elders will be teaching youth traditional harvesting and preparation methods such as wild rice and maple syrup harvesting. These activities also provide physical activity for youth. For example, youth will use push poles and paddles to gather rice on local waterways.

## Wyoming

| Institution           | Title  | 2016 Funding Amount |
|-----------------------|--|---------------------|
| University of Wyoming | Wind River Federally Recognized Tribes Extension Program | \$88,400            |

This FRTEP program addresses farming and ranching enterprises, food security, youth development and rural prosperity, aligning with REE Mission Area goals.

A 2013 effort, Annie's Project, provided financial management training for farm and ranch women resulting in the 10 local women participating in the six week course learning new skills and continuing to network and support each other in their efforts to avoid risk and manage their farm and family incomes. The project will be continued in 2014. The ongoing 4-H program served 85 youth with 14 adult volunteers serving as club mentors. In addition, the 4-H after school reached 534 students. The Extension Educator will collaborate with county and university educators to hold a weed and pest control field day for farmers which will include training on biological controls. In addition, the FETEP Educator will facilitate a communication session between the Bureau of Indian Affairs and the Tribes Agricultural Resource Committee in order to drive consensus on pertinent agricultural issues involving land use.