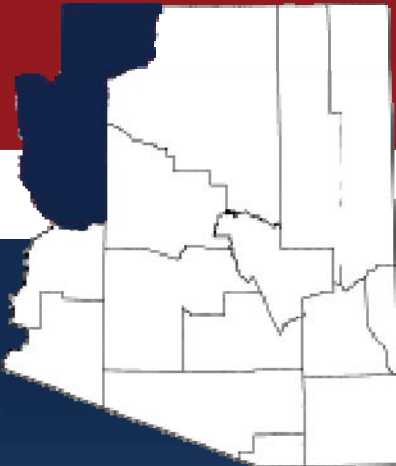


COLLEGE OF AGRICULTURE & LIFE SCIENCES
**Cooperative
Extension**



Mohave County Report 2015



Table of Contents



THE UNIVERSITY OF ARIZONA
COLLEGE OF AGRICULTURE & LIFE SCIENCES
Cooperative Extension
Mohave County

Subject	Page
Letter from the County Director	3
2015 Program Highlights	4
2015 Educational Programs and Participation Data	5
4-H Youth Development	6-8
Family Consumer Health Sciences	9
Master Gardeners/Horticulture Programs	10
Range and Livestock	11
Hualapai Tribal Extension	12
Visiting Faculty/County Faculty and Staff/Extension Advisory Board/Contact Information	13



Old Main, constructed in 1891, was the original University of Arizona Building. Designed in a style often referred to as 'territorial hybrid', the building was sunk six feet below the surface so the ground would help minimize the effects of the warm Tucson summers.



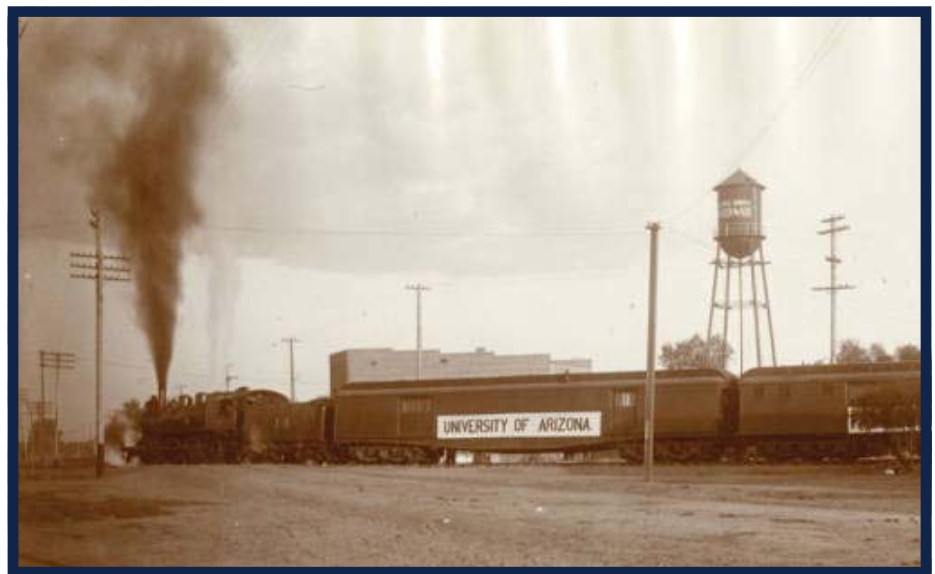
From the County Director

2015 was a year of transitions for the University of Arizona Cooperative Extension, Mohave County. Interim County Director, Tom DeGomez, retired in December 2015 and two new faculty have been hired to deliver agriculture, natural resources, family, health and nutrition programs. While I am also an Interim County Director, I am also committed to providing the highest quality educational programs to Mohave County adults and youth. Cooperative Extension's 2015 programs included 4-H youth development, animal science, agriculture, horticulture, natural resources, and family consumer health sciences. These programs provided grassroots education to 13,074 Mohave County residents. In addition, citizens served as Cooperative Extension volunteers. These valuable volunteers enhanced Extension programming by helping Cooperative Extension educators deliver relevant educational programs and information to the citizens and communities of Mohave County. The contribution of these trained volunteers totaled 11,594 hours of service with an estimated value of \$273,155.

Cooperative Extension greatly appreciates the financial support, office space, and services provided by the Mohave County Board of Supervisors. Mohave County Cooperative Extension continues to leverage county contributions through collaborations with local partners and securing grant funding. With Mohave County's continued support, Cooperative Extension is confident we can continue to offer high-quality educational programs making a brighter future for Mohave County residents.

Sincerely,

Jeff Schalaus
Interim County Extension Director
Mohave County Cooperative
Extension



Between 1910 and 1919, demonstration trains sponsored by the University of Arizona Agricultural Extension Service brought the latest technologies in agriculture and farming to rural communities across Arizona.



- **Mohave County Cooperative Extension volunteers contributed 11,594 hours of service valued at \$273,155** (*Independent Sector*, 2015 value of volunteer of \$23.56/hr.) serving as Master Gardeners, 4-H Leaders, and Extension Advisory Board members.
- The **13 Session Mohave County Master Gardener Course** was taught in three locations (Kingman, Bullhead City, and Lake Havasu City) to 40 participants. After contributing 50 hours of volunteer service, these volunteers provide science-based horticultural information to Mohave County residents.
- **62 Mohave County Master Gardener** volunteers contributed 6,714 hours of volunteer service to their communities reaching 8,273 consumers with science-based gardening information at 113 public events. In doing so, they promoted sustainable pest management solutions, water conservation, use of appropriate landscape plants, and small-scale food production through backyard/community gardening.
- **Mohave County Master Gardeners** also served their communities by creating and supporting Kingman's first Community Garden called *Digit Kingman*, assisted with vegetable judging and displays at the Mohave County Fair, and assisted with Shade Tree Giveaway in partnership with Mohave County utility companies providing over 1,500 trees to Kingman, Bullhead City, and Lake Havasu City residents.
- **162 4-H members** displayed 1,009 educational exhibits and 315 large and small livestock projects at the 2015 Mohave County Fair. **82 market livestock projects** were also sold at the Junior Livestock Sale at the 2015 Mohave County Fair. Profit earned by members often supported future 4-H activities/camps and future college expenses.
- 4-H youth were supported by **122 adult 4-H Volunteer Leaders**. In 2015, **42 new Volunteer Leaders** were recruited and certified and **29 4-H teens** took on volunteer leadership roles.
- Mohave County 4-H Agent, Jerry Olson, provided key leadership for four week-long camping programs. These were: **MoYava 4-H Camp** with 83 4-H members from Mohave and Yavapai Counties; **JOLT (Journey Opportunities for Leaders of Tomorrow)** a week-long 4-H camp that hosted 118 statewide 4-H youth; **4-H Dog Camp** where 32 members worked with their dogs on showmanship, obedience, and agility skills; and **4-H Family Camp** which hosted 27 4-H youth for three days at the James 4-H Camp at Mingus Springs.
- Extension Agent, Elisabeth Alden provided **educational programs for Hualapai Tribal youth** in the areas of **4-H projects** (27 youth and 7 adult Volunteer Leaders), gardening, hunter safety, and supported a five-day natural resource camp for 11 youth that was offered in partnership with the Hualapai Tribe Department of Natural Resources. Elisabeth also supports Hualapai Tribal ranchers with educational information related to rangeland livestock production. This position is funded by the Federally Recognized Tribal Extension Program (FRTEP) and supported by the University of Arizona Cooperative Extension.
- **Family Consumer and Health Sciences (FCHS) Area Agent**, Trish Zilliox, was hired in June 2015 and is based in Flagstaff, AZ. Ms. Zilliox has 20% responsibilities in Mohave County where she coordinates two SNAP-Ed educators that teach nutrition, physical activity, and food safety to low income seniors and families and one educator that provides education and support to child care providers. These programs are supported by federal and state grant funds.
- University of Arizona Range Management Specialist, Doug Tolleson, and Research Specialist, Del Despain, provided **support and education to rangeland monitoring efforts** in partnership with BLM offices in Mohave County (Kingman and the Arizona Strip) by employing early career graduates assist in data collection and analysis.
- **Agriculture and Natural Resources Agent, Andrew Brischke, was hired in late 2015** and will begin work in February 2016. Mr. Brischke will be housed in the Kingman Cooperative Extension Office and focus on rangeland and livestock nutrition education. He will also support horticulture and agriculture programs in Mohave County.

2015 Educational Programs



In 2015, our educational programs focused on:

4-H Youth Development	4-H youth development programs, 4-H volunteer training/support, youth leadership, camping, and Science, Technology, Engineering, and Math (STEM) Education.
Family, Consumer and Health Sciences	Supplemental Nutrition Assistance Program (SNAPed) promoted healthy eating, gardening, and physical activity. Child Care Health Consultation was also provided through a grant from <i>First Things First</i> .
Horticulture	Master Gardener training and volunteer support was provided in Kingman, Lake Havasu City, and Bullhead City. Master Gardeners volunteer in their communities to educate residents about insect and disease management, landscape maintenance, irrigation conservation, community gardens, and backyard food production.
Livestock and Range	Sustainability of grazed rangelands for ranchers and agency personnel, rangeland monitoring education, and access to technical and educational resources. Cooperative rangeland monitoring is also occurring in Mohave County in a partnership between Cooperative Extension and the Bureau of Land Management.
Tribal Programs	Federally Recognized Tribal Extension Programs (FRTEP) were provided at the Hualapai Indian Reservation in the areas of natural resource management, horticulture, 4-H Youth Development, and range/livestock

Mohave County Citizens Served in 2015

Program Area	Educational Outreach	Office Contacts	Totals
4-H Youth Development	1,157	1,859	3,016
Family, Consumer and Health Sciences	1,079	205	1,284
Horticulture	72	0	72
Natural Resources	8,273	429	8,702
Totals	10,581	2,493	13,074

4-H Youth Development - Clubs and Fairs



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COLLEGE OF AGRICULTURE & LIFE SCIENCES
Cooperative Extension
Mohave County

Gerald Olson, Extension Agent, 4-H Youth Development
Jamie Campbell, Program Assistant, 4-H Youth Development

Youth-Adult Partnerships

Youth-adult partnerships are the heart of the 4-H mission, and a guiding principle for how 4-H leaders, staff, and volunteers work with young people. All members of a community have a role in creating a strong and healthy community. Sustained positive relationships between young people and adults support the healthy development and well-being of youth, while also benefiting adults, organizations, and communities. Youth-adult partnerships occur when:

- Young people are seen as assets to their communities as much as adults.
- Adults create ongoing opportunities for young people to share leadership with them in community settings.
- Youth contribute what they uniquely bring to the group and to the community.
- Youth and adults engage as equals in planning, implementing, and evaluating programs that shape the development of youth, as well as their communities.

4-H offers many opportunities for youth to develop skills for a lifetime. Programs are developed which address the four essential elements of 4-H which are abbreviated BIG-M:

- **Belonging** (inclusive, safe environments and positive relationship with a caring adult)
- **Independence** (opportunity to see oneself as an active participant in the future and for self-determination)
- **Generosity** (opportunity to value and practice service for others)
- **Mastery** (engagement in learning and opportunity for mastery)



Mohave County 4-H members participate in a cake decorating workshop presented by senior member Amelia Brackett (right).

4-H Personal Development

Research has demonstrated the importance of 4-H in the positive development of young people. The research shows that youth who have participated in traditional 4-H clubs for more than one year have significantly higher developmental outcomes than non-4-H participants. 4-H youth are more likely to report getting better grades, being involved in leadership positions, and being involved in community service. 4-H youth are also less likely to steal, use drugs, vandalize property, and skip school.

Mohave County 4-H Youth Development has many programs available to youth who are enrolled in 4-H as well as other programs to develop these skills. Objectives and priorities for the programs are established through, adult and youth volunteer focus groups, advisory committees, interviews, Council's, program planning groups, school officials, and other collaborators. Prior to entering their projects into the County Fair each youth completed a 4-H Record Book. The 4-H program has a long history of record keeping which reflects the importance of record keeping in our daily lives. In 4-H, young people have tracked their activities, events, profits and losses, skill development and learning experiences, and much more using the 4-H Record Book. One hundred sixty two (162) members displayed 1,009 exhibits at the Mohave County Fair in the 4-H/FFA Division; - 82.3% were rated as Blue Ribbon or above for their project work and skills demonstrated served as a showcase for Mohave County 4-H youth to exhibit their projects and share what they have learned.



Megan Kaufman of the Mavericks 4-H Club with her Boer market goat getting ready to show at the "pre-fair" in preparation for the Mohave County Fair.

4-H Youth Development - Contests



Mohave County 4-H Educational Programs, Contests, and Events

Mohave County 4-H offered many opportunities for youth to develop skills that will serve them for a lifetime. These program and events included: 4-H Interstate Exchange Program, 4-H Awards Program, County Recognition Night, Demonstration Day, Family Fun Day, and the Mohave County Fair. Thirteen teen and adult leaders planned and coordinated the 4-H Interstate Exchange program. Mohave County 4-H members also traveled to Rensselaer County, New York (Troy), to stay with 4-H families, and toured the agricultural as well as historical sites and National Monuments and Parks in the area. At Mohave County 4-H Challenge Days 104 members represented 14 clubs which entered in 16 contest areas. During these contests, 82 members received a score of 80% or higher indicating an advanced level of competency. Many of the life skills taught in 4-H are not available through public schools or scouting groups. 4-H builds essential skills that equip youth to be successful and engaged citizens.

Environmental Education and Earth Sciences

Youth will assume responsibility for this country's natural resources in the future and must learn the value of renewable natural resources. Mohave County 4-H Leaders have expressed a need and interest to have 4-H Summer Camping programs. According to the American Camping Association, camp experiences provide a forum for children to discover and explore their interests, values, and talents. Through participation in 4-H camp programs, youth are more able to: accomplish tasks on their own and in a team; make new friends; try new things; appreciate the outdoors and natural resources. A 5-day camp was planned focusing on natural resources education with programs on wildlife, natural resources conservation, soil and water conservation and quality, recycling, aquatic life, forest health, science, safety and swimming. Evaluations indicated camp



Mohave County 4-H Agent, Gerald Olson, was named "Award-Winning Educator" by the Kingman Daily Miner as a Reader's Choice Award recipient.

participants gained knowledge in all above listed areas. In addition, youth attending the Natural Resources Camp showed the following improvements in other skills. 96.3% felt more comfortable making their own decisions; 71.61% were comfortable sharing their thoughts and feelings with others; 86.42% know how to deal with stress in a positive way; 96.3% wisely use the natural resources; 94.93% know who to go to if they need help with a problem; 92.6% are willing to consider the ideas of others even if they are different than their own; 96.3% can stand up for things that are important to them.

Personal Leadership Development: JOLT

Research has found that positive youth development is affected by the opportunities for teens and young adults to develop mastery, leadership, service, and attachment to a group. Statewide 4-H members seeking leadership experience can enroll in a residential summer camp called JOLT (Journey: Opportunities for Leaders of Tomorrow). JOLT Teen Leadership Conference was attended by 118 participants from all over AZ. Mohave County 4-H Agent, Jerry Olson, provided extensive leadership for JOLT in 2015. 4-H youth, adult volunteers, and 4-H Agents design and deliver JOLT each year. JOLT 2015 hosted 118 Arizona teens with several coming from Mohave County. Results indicated participants increased their knowledge in: group leadership; problem-solving; and decision-making. The greatest increases occurred in the areas of: being a good group leader at 58%; problem-solving and reflection at 57%; contribution to group success 55%; decision-making skills experienced 54%; being a team-player increased 47%; accepting differences experienced 46%.



4-H members participated in a fishing workshop at the James 4-H Camp at Mingus Springs near Prescott, AZ. Some caught their first fish there.



Plants and Animals

Arizona students are among the lowest performing in the country in math and sciences. These areas are critical to Arizona's future and the state's future economic strength. 4-H programs that emphasize these areas will help Mohave County youth be ready to take on Arizona's future challenges. Specifically, 4-H projects in plant science, rabbit, cavy, poultry, pigeon, beef, sheep, swine, horse, and dog teach young people the importance of math/science skills while also providing avenues for successful entrepreneurship.

Youth evaluated feeding and animal care programs through the evaluation of quality and yield grades of beef, lamb and swine carcass animals exhibited by Mohave County 4-H members. Youth are better equipped with life skills for the future, as consumers of food and fiber, and the knowledge of livestock and animal production will make youth better educated adult consumers. The University of Arizona Meat Science Department evaluated livestock project animals. 4-H members and leaders were enrolled in 315 large and small livestock projects in Mohave County and have received educational programs in a variety of animal science fields. Sixty-one livestock exhibitors had their animal's carcasses evaluated and graded. By viewing their own livestock carcass, members, leaders and breeders have been able to fine-tune their feeding and breeding programs and improve the quality of the meat product they are



Junior 4-H members showing their goats at the Goat Showmanship class at the Mohave County Fair.

learning to produce. Similarly, the 4-H Dog Project taught youth responsibility and patience. Second through 8th grade teachers in the Mohave County Schools enhanced their science-based teaching programs in gardening and classroom botany projects to meet the Arizona Academic Standards for Science through the use of School Gardening and Plant Science programs. Additional 4-H School enrichment programs taught Embryology to nearly 100 students and Insects in the Classroom taught students about the science of entomology.

4-H Organization and Volunteers

4-H Community and Project Clubs were led by 122 adult volunteers. Mohave County 4-H clubs reached over 229 youth participating in projects ranging from sewing/textiles, leadership, livestock and small stock, to horse and outdoor adventures. School enrichment programs included 638 students directly involved in project or observing project. These activities were planned and executed in partnership with a 15 member Leader's Council made up of 4-H volunteer leaders from around Mohave County. Nine youth director positions gave youth and program participants a greater voice in this planning. Adult volunteer re-enrollment and retention is 152%. 122 volunteers completed the certification process and 29 teens also assumed volunteer leadership roles.



A teen volunteer assisting a 4-H member in building an insect collection display case as part of the entomology project.



Family Consumer Health Sciences

Trish Zilliox, Assistant Extension Agent, Family and Consumer Health Sciences

Linda Beauchamp, Office Assistant, SNAP-Ed

Sheila Halbert, Instructional Specialist SNAP-Ed

Dan Peters, Instructional Specialist SNAP-Ed

Maggie Wilcox, Child Care Consultant, First Things First

Family Consumer Health Sciences (FCHS)

Cooperative Extension works to strengthen families, promote healthy lifestyles and wise financial decisions, and develop community leaders by taking our programs to community centers, schools, churches and other venues to reach different audiences. It takes teamwork. These programs are conducted by University of Arizona College of Agriculture and Life Sciences (CALs) county-based extension agents and campus-based extension specialists from the Norton School of Family and Consumer Sciences and the Department of Nutritional Sciences. In July 2015, Trish Zilliox was hired as Area Assistant FCHS Agent for Coconino and Mohave Counties. Trish has a background in Teaching English to Speakers of Other Languages (TESOL) and International Human Rights Law. Overall, her programs will focus on healthy eating, physical activity, and other educational programming to low-income communities and schools.

First Things First

In Mohave County, Cooperative Extension FCHS programs include: Child Healthcare Consultant, Supplement Nutrition Assistance Program Education (SNAP-Ed); Early Childhood Education, and Food Preservation. First Things First provides funding to employ Maggie Wilcox, Child Care Health Consultant (CCHC), to provide education and training around Health and Safety to improve the learning environment and conditions of various child care centers in La Paz/Mohave and CRIT communities. These services include: inspecting facilities for health and safety concerns, hearing screening, early



Cooperative Extension Food Safety Educator, Nichol Lund, teaches young scientists about food pathogens at the 2015 Arizona SciTech Festival at Prescott Gateway Mall on April 18, 2015.



THE UNIVERSITY OF ARIZONA
COLLEGE OF AGRICULTURE & LIFE SCIENCES

Cooperative Extension

Mohave County



SNAP-Educators and growers visit the Prescott Farmer's Market to pick up tips about operation and layout of market vendors.

dental care, and education for childcare providers regarding developmental stages of children. Some of the benefits included:

- Twelve health and safety assessments were conducted at child care centers and 10 of these sites met their goals to improve the health and safety standards for the staff, children and families that utilize them.
- Six child care centers have initiated an oral health program in 2015; where all children in attendance brush their teeth one time per day on site. This has increased 50% at sites in the La Paz/Mohave Colorado River Indian Tribes region.
- Centers have removed hazardous playground equipment from their playgrounds, and increased ground cover to reduce playground accidents at their sites.
- Nutritional content in lunches and snacks have improved as children are eating more fruit and vegetables and decreased the sugary drinks.
- Sanitation has improved through training and using the correct sanitation and disinfection protocols decreasing disease transmission in child care centers.

SNAP-Ed

Mohave County Cooperative Extension's SNAP-Ed programs were funded through a three-year grant provided by the Arizona Department of Health Services. This grant aims to deliver educational programming about the choices of healthy eating, the benefits of an active lifestyle and various methods of fresh fruits and vegetables; and safe, efficient food preparation. In addition, staff will engage in broader Policy, Systems and Environment (PSE) work that includes the establishment of a Kingman Farmer's Market, School and Community Gardens and Community-wide physical activity events.

Master Gardeners/Horticulture Programs

Andrew Brischke, Area Assistant Agent, Agriculture and Natural Resources

Carol Stockwell, Instructional Specialist, Horticulture



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COLLEGE OF AGRICULTURE & LIFE SCIENCES

Cooperative Extension

Mohave County

Mohave County Master Gardener Program

The Master Gardener Volunteer Program was started in Mohave County in 1990. 26 years later, it remains a vibrant group providing horticultural information to homeowners in Bullhead City, Kingman and Lake Havasu City. One of the original class members, Don Bergen, remains an active Master Gardener today. Eleven of the Mohave County Master Gardeners have “Emeritus” status indicating they logged over 1,000 hours of volunteer service in 10 years. In 2015, 62 Master Gardeners provided 6,614 hours of volunteer service with 113 lectures, workshops and public venues reaching 8,273 community members. They assisted hundreds of homeowners with gardening questions through the Kingman hotline and “Home Garden Days” which are Q&A forums open to the public each month in Lake Havasu City and Bullhead City.

Master Gardeners are trained through a 13-week course instructed by professors from the University of Arizona, County Extension personnel, local experts, and veteran Master Gardeners. Upon completing the course, they become Associate Master Gardeners. When they complete 50 hours of approved volunteer service, they become certified Master Gardeners. To maintain their certification, each Master Gardener volunteer is required to complete at least 35 hours of volunteer service and 12 hours of continuing education each year. Forty students completed the course in 2015 to become Associate Master Gardeners. 12 Associates from the previous year became Certified Master Gardeners in 2015.

2015 Master Gardener Highlights

One of the biggest accomplishments of the Master Gardeners in 2015 was the start of the DIGit Community Garden in Kingman with the leadership of Coordinator, Ron Tanner. A ribbon cutting event with the Mayor, local police and fire departments and community members was held in



Mohave County Master Gardeners on a field excursion in Lake Havasu City.

July. One year later, the garden is thriving and growing. Many of the Master Gardeners’ hands-on workshops are held at the garden. Information can be found at digitkingmancommunitygardens.org.

Mohave County Master Gardeners assisted with the start of school gardens at five Kingman area elementary and middle schools under the direction of Co-Coordinator, Ron Bowen and Emeritus Master Gardener, Linda Reddick. They also provided on-site education to dozens of students at the garden sites throughout the school year.

The Mohave County Fair in September is always a big annual event for our Master Gardeners. They are a popular feature with their Information Booth and Vegetable Display & Judging Booth. They received a First Place Ribbon for both booths at the 2015 County Fair. Another annual event where you can find the Master Gardeners is Winterfest, held in February in Lake Havasu City. They also participate in the Home & Garden Shows held in Bullhead City, Kingman and Lake Havasu City each spring. The Master Gardeners partner and assist the local electric companies in Kingman, Bullhead City and Lake Havasu City with their Shade Tree Giveaway programs. Each year they assist in distributing over 2,000 trees and provide information on proper planting and care to local homeowners who take advantage of the programs.

Information about the Mohave County Master Gardeners can be found on their website at extension.arizona.edu/mohave-master-gardener, or in the quarterly newsletter: *Wind & Weeds*. Lake Havasu City’s local paper, Today’s News Herald, features monthly articles from the Master Gardeners. Dottie Holman, Emeritus Master Gardener, has a regular gardening column featured in the bi-monthly Havasu Living Magazine. The Master Gardeners also have an extensive email list to keep their subscribers abreast of upcoming events throughout the County.



Mohave County Master Gardeners volunteering at the “Dig-It Kingman Community Garden”.

Range and Livestock Programs



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Cooperative Extension
Mohave County

Andrew Brischke, Area Assistant Agent, Agriculture and Natural Resources

Ariana Gloria, Research Technician, Cooperative Rangeland Monitoring Program

Mr. Andrew Brischke was hired as an Area Assistant Agriculture and Natural Resource Agent in December 2015 and will begin work in February 2016. Andrew graduated from the University of Arizona with degrees in Ecology and Management of Rangelands (B.S. in 2006 and M.S. in 2015). His position has 80% responsibilities in Mohave County and 20% responsibilities in Coconino County. Prior to obtaining his new position in Coconino and Mohave Counties, Andrew spent nine years as a Research Specialist in Rangeland Monitoring for Cochise County Cooperative Extension.

Mr. Brischke will conduct a Range Livestock Needs Assessment in 2016 to identify critical needs and prioritize county programming. Additionally, Andrew has plans to host a monitoring workshop and a quarterly newsletter discussing various range, livestock, and climate topics. Mohave County Cooperative Extension is pleased that Mr. Brischke comes with range/livestock experience as this will facilitate partnerships with Utah State University to deliver rangeland education along the Arizona Strip. The 3-day annual Arizona/Utah Range and Livestock Workshop is one of the highlights of this collaboration and attracts well over 300 participants throughout the workshop.



Ms. Ariana Gloria, Research Technician, is working in partnership with the Kingman BLM Field Office to collect monitoring data on Mohave County ranches.

While rangeland science is his background, Andrew will also be providing leadership to the Mohave County Master Gardeners and agricultural producers in Mohave County.

Arizona Cooperative Rangeland Monitoring Program started as a collaboration between the University of Arizona Cooperative Extension and the BLM (Bureau of Land Management) in Mohave and Cochise counties. Extension personnel are located in BLM field or district offices and work with both the agency and ranchers to coordinate rangeland monitoring and educational activities in their respective areas. The program expanded state-wide in 2012 to include personnel located in the Arizona Strip, Kingman, Phoenix, Yuma, Tucson, and Safford. Ms. Ariana Gloria-Martinez began work in December as the Research Technician working in collaboration with the Bureau of Land Management Field Office in Kingman. Ariana replaced Joelle Acton after Joelle gained successful employment as a Range Specialist with the Kingman BLM Field Office in November. We will miss having Joelle as part of the team but will continue to work with her as a partner in the BLM.



Mr. Andrew Brischke, Area Assistant Agent, Agriculture and Natural Resources, in Mohave (80%) and Coconino (20%) Counties.

Hualapai Tribal Extension Programs

Elisabeth Alden, Assistant Agent, Hualapai Federally Recognized Tribal Extension Program (FRTEP)



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Cooperative Extension
Mohave County

Overview

FRTEP funding is secured through the USDA National Institute of Food and Agriculture (NIFA). Funding is used to support Extension Agents who establish Extension education programs on the Indian Reservations and Tribal jurisdictions of Federally-Recognized Tribes.

Horticulture Programs

After a number of years, there is a 4-H Agriculture Facility on the Hualapai reservation. The nearly three acre parcel of land was donated by the Hualapai Tribe. This includes livestock pens for swine, sheep, goats and beef projects with additional areas for horses. Youth enrolled in the 4-H Club program are able to house their projects at the facility for no cost. There are two arenas for gymkhana and Junior Rodeo events. In 2015, six events were held at the facility. Approximately 500 people were in attendance at all events. Numerous people traveled from neighboring towns and other AZ Tribal communities to participate in the events, and to encourage young people in positive development activities. We expect the numbers to increase in 2016.



Hualapai youth at the Junior Rodeo warming up and having a great time riding with friends .

In 2015, there were six events held at the facility, with approximately 500 people attending. Numerous people traveled from neighboring towns and other Arizona reservation communities to participate in the events for young people. Cooperative Extension anticipates the number and size of events will continue to increase in 2016.

Twenty seven youth participated in Club programs with seven 4-H leaders. Eleven youth attended the Natural Resource Summer Camp Program. Two AZ Hunters Safety Trainings were held, and fourteen youth graduated. There was one thousand four hundred youth contacts made throughout the year and eighty eight programs for youth delivered. A 4-H Recognition event was held to honor the youth, their families and the volunteer leaders. Forty people attended this event.

Four Agriculture events were held for ranchers with 80 people in total attendance. In addition, Cooperative Extension attended a Livestock Districts meeting, Prairie Dog Management and Black Footed Ferret Reintroduction meeting, an informational meeting regarding Trichomoniasis Disease and its control, and meetings to wrap up the



The Hualapai 4-H Youth and Agriculture Facility on the Hualapai Reservation near Peach Springs, Arizona.

Cooperative Extension works closely with the Hualapai Department of Natural Resources. The team is now in the process of securing funding for an energy efficient sustainable straw bale building to be built on the premises. This building will provide a space for 4-H and other important meetings to be held (presently, community buildings must be reserved in advance for all meetings and programs), and also will provide office space for Cooperative Extension and the Hualapai Nation Soil & Water Conservation District. Plans for the building include a fully equip kitchen, which will not only encourage the development of the 4-H cooking class development, the Buck-N-Doe 4-H Club will have a location out of which to base their fund raising catering events. Tribal Council has approved the building design, and bids are out. With luck, the building should be completed in 2017.



Archery instruction for Hualapai youth during the Arizona Hunters Safety Course.

Visiting University of Arizona Faculty



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Joyce Alves, Family Consumer Health Sciences, Apache County
Stacey Bealmear, Horticulture Agent, Yuma County
Paul Brown, Biometeorologist, AZMET, Statewide
Peder Cuneo, Specialist, Animal Science
Tom DeGomez, ANR Agent, Forestry
Del Despain, Research Specialist Sr., St. George, UT
Mike Hauser, 4-H Agent, Apache County
Patty Merk, Area Agent, FCHS/Family & Youth
George Ruyle, Rangeland Program Chair, SNR

Jeff Silvertooth, Assoc. Dean and Director, Econ. Dev. & Extension
Jim Sprinkle, Area Agent, Animal Sciences, Gila County
Trent Teegerstrom, Specialist, Agric. and Resource Economics
Barry Tickes, Area Agent, Agriculture, La Paz County
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University of Arizona Cooperative Extension Advisory Board

Terry Henry, Chair	Agriculture/4-H
Irene Rose	Master Gardener
Linda Short	Community Development/4-H
Bonnie Willet	FCHS
Susan Williams	FCHS

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