

Planned 2009 Activities

- **Joyce Alves will take a Sabbatical Leave to study “Community Leadership to Reduce the Effects of Poverty” June 1—December 1, 2009**
- **Mike Hauser will be Acting County Director June 1, 2009—December 1, 2009**
- **Apache and Gila County 4-H Camp June 2-3, 2009**
- **4-H at the Apache County Fair September 16-19, 2009**

In collaboration with U of A Range Management Extension Specialists, Local land managers, local ranchers and Apache County Cooperative Extension two events are planned:

- **Ranching Heritage Alliance Workshop June 22-24, 2009**
- **Monitoring Riparian Plants Identification Seminar August 25-27, 2009**

February 2009—January 2010
Alicia Guevara



AmeriCorps VISTA worker for Apache County 4-H focusing on youth development

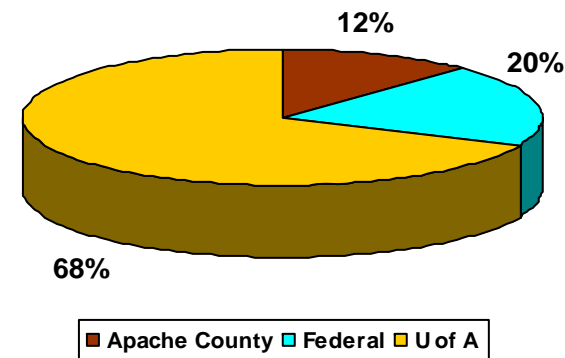
Budget FY 2007 - 2008

The Morrill Act of 1862 established a land-grant institution in every state. In 1887 the Hatch Act provided federal assistance for Agriculture Experiment stations to perform research in every land-grant college in the country. The Smith Lever Act of 1914 established the Cooperative Extension Service as a foundation for non-formal education programs in rural areas. Senate Bill 34, in 1915 provided for acceptance of the Smith-Lever Act in Arizona with The University of Arizona in Tucson. Senate Bill 1306 provides, through the Board of Supervisors of each county, office space for the conduct of Extension work in that county.

The source of the current Apache County Cooperative Extension Budget and the amounts are:

	2008-2009
Apache County	\$ 24,000.00
Federal (Smith Lever)	\$ 38,438.00
State of Arizona (UA)	<u>\$134,692.00</u>
	\$197,130.00

Percentage of funding contribution by source:



Apache County	12%
Federal (Smith Lever)	20%
State of Arizona (UA)	68%

Apache County also supplies office facilities, utilities and janitorial services.



Eli Hicks
2008 Janice Shurtz Memorial Service Award .



Treat or Treat SO Others Can Eat

UNIVERSITY OF ARIZONA

APACHE COUNTY

COOPERATIVE EXTENSION

**2008
ANNUAL REPORT**

Faculty and Staff



Joyce L. Alves
County Extension Director
Family Consumer Health
Science



Mike Hauser
4-H Youth Development
Agriculture/Natural
Resources



Fannie Begay
Administrative Assistant



Cindy Lee
4-H Program Assistant

FAMILY CONSUMER HEALTH SCIENCE:

Rural Communities for Healthy Active Kids

- Face to Face interviews were conducted with 17 community members in Sanders and Pinon. All of the interviewees indicated that there is a persistent problem with overweight children in both communities. The cause may be high fat, high sugar snacks such as hot cheetos, chips and soda pop and less physical activity because of TV, video games and moving away from cultural norms such as herding sheep and the traditional early morning run. Families need running water and electricity, home gardens, local grocery stores and daily physical activity at school.

National Children Study—Apache

- The U of A's pediatrics department has been awarded a \$44 million, six-year contract to participate in the National Institutes of Health's National Children Study. The study is a major effort to investigate the interaction of genes and the environment on children's health. The U of A will work collaboratively with communities in Pinal and Apache Counties to generally raise awareness about the determinants of children's health. The Family Consumer Health Science Agent is contracted to work with this project.

Healthy Lifestyle for Families

- 85 people participated in the "Milk Challenge" at the WMRMC health fair and the Southwest Indian Livestock Days. The participants sampled milk with no fat, 1%, 2%, and 4% milk fat. Most agreed that there was very little difference in the flavor and would begin choosing non-fat or 1% milk for their families.
- **Healthy Snacks** for pre-schoolers recipes and samples were distributed to Headstart families.

4-H YOUTH DEVELOPMENT:

- ✿ 188 youth enrolled in the following 4-H projects: horse, quilting, clothing, foods & nutrition, beef, sheep, swine, goat, shooting sports, crafts, dog care, rabbit and poultry. Each 4-H member completed a 4-H record book and 4-H story which documented knowledge gained through record keeping, skills acquired through goal setting, and behavior changed through critical thinking.
- ✿ 41 adults serve as trained and certified 4-H leaders throughout Apache County.
- ✿ 56 youth participated in the 4-H Livestock Quality Assurance training program which involved classroom instruction, judging and showmanship clinics and a carcass evaluation field trip
- ✿ Three 4-H recognition events were held in Apache County: St. Johns, Round Valley and St. Michaels.
- ✿ Community Service opportunities: Trick or Treat SO Others Can Eat gathered 600 pounds of non-perishable food for local food bank. Over 1,000 meals served by 4-H members for the annual St. Johns July 4th BBQ luncheon.
- ✿ 7th and 8th grade 4-H members participated in a meal team workshop that included meal planning, meal preparation, table setting, meal service and clean-up. They also participated in a series of clothing construction workshops and entered their clothing in the Apache County Fair and the 4-H Fashion Revue. 4-H volunteers assisted youth with food preparation, clothing construction and quilting projects.
- ✿ Youth development, 4-H and experiential education training with the Office of Youth Development (Chinle Agency) and the Chinle Boys and Girls Club
- ✿ 4-H youth development agent is the Co-chair of the 4-H Navajo Extension Partnership. This partnership was formed in 2009 to coordinate 4-H youth development efforts across the entire Navajo Nation which includes three state universities, 10 county extension offices across those three states, Federally Recognized Tribal Extension Program Agents, Dine' College Extension Agents, Navajo Technical College Extension Agents, Arizona Extension Agents, and New Mexico Extension Agents.

Applied Research In 4-H Youth Development

- ✿ 4-H youth development agent is the Lead investigator on 'Painting a Picture of the Navajo Nation 4-H Program', which gathered data from 4-H enrollment forms from all Navajo youth from eight counties and three states from 2005–2007. Preliminary results show that:
 - 630 Navajo youth enrolled in 4-H during those three years
 - 331 (or 53%) Navajo youth enrolled in 4-H for more than one of those years.
 - 36% of Navajo youth enrolled in the 4-H sheep project during those three years.

AGRICULTURE AND NATURAL RESOURCES PROGRAM:

- Pruning and tree care workshops as part of the Master Gardener Program were taught in Eagar, Window Rock and Chinle.
- Eight Master Watershed Stewardship classes and field trips on climate, geology, hydrology, riparian systems, water quality, GIS/GPS mapping, forest health and water quality monitoring techniques were held. Nine participants from Apache and Navajo County completed the certification course. These volunteers helped write the Rainbow Lake Vegetated Buffer Strips Enhancement Project Final Report.
- The Agriculture/Natural Resource agent was involved in the planning and implementation of Southwest Indian Livestock Field Days.
- Northeastern Arizona Weed Management Association and Apache County Cooperative Extension partnered to offer three workshops on weed identification, weed control, spray calibration, and noxious and invasive weed in Springerville, Alpine and Holbrook.
- The Agriculture/Natural Resources extension agent is the Apache County Local Drought Impact Group chair. A local drought plan is being developed.