



University of Nevada  
Cooperative Extension

[www.unce.unr.edu/areas/western](http://www.unce.unr.edu/areas/western)

# Clover CLIPS



VOLUME 21 • ISSUE 7 • JULY 2013

University of Nevada Cooperative Extension • Western Area

## 4-H: Across the Country and In Your Community

4-Hers across the nation pledge their heads, hearts, hands and health to better living for their country. 4-H responds to this pledge by offering a nation-wide youth development program unparalleled in its reach and opportunities. With an expansive club and volunteer network reaching every corner of the country, 4-H is the nation's largest youth development organization with more than 6 million 4-H youth. Members from every aspect of American life - urban neighborhoods, suburban schoolyards and rural communities - stand out amongst their peers as they build revolutionary opportunities and implement community-wide change at an early age.

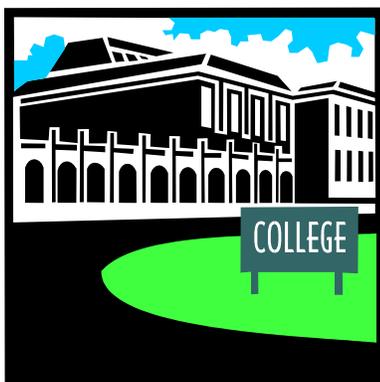
4-H can offer this exceptional country-wide programming because for over one hundred years it has been linked to the country's 109 land-grant universities, such as the University of Nevada, Reno. Because of this institutional link to these universities and the Cooperative Extension system, 4-H has a nation-wide profile. This close link to the land grant universities also offers the 4-H program unprecedented research-driven 4-H curricula.

Local 4-Hers have probably used project materials developed by educational and youth development specialists from land grant universities such as Ohio State, Texas A & M, Penn State, Cornell and other great land grant institutions.

Because 4-H is the youth development program of the nation's 109 land grant universities and the Cooperative Extension system, 4-H can foster a nation-wide, innovative "learn by doing" approach. But, 4-H can also be proud to prove positive outcomes for youth involved in 4-H programming. The 4-H Study of Positive Youth Development ( [http://www.4-H.org/about/youth-](http://www.4-H.org/about/youth-development-research/)

development-research/), a longitudinal study conducted by the Institute for Applied Research In Youth Development at Tufts University, shows youth engaged with 4-H are:

- Nearly two times more likely to get better grades in school
- Nearly two times more likely to plan to go to college
- 41 percent less likely to engage in risky behaviors
- 25 percent more likely to positively contribute to their families and communities



These positive outcomes spring from a nation-wide reach of 540,000 4-H volunteers, 3,500 staff professionals and more than 60 million 4-H alumni. The 4-H movement covers our vast nation with support for 4-H youth from elementary school through high school and into college.

This support is fueled by research-driven programming offering 4-Hers engaging and hands-on learning activities in the areas of science, citizenship and healthy living. These programs are designed to shape our country's future leaders and innovators.

These future leaders and innovators are supported by their volunteer leaders and mentors across the country. Volunteers inspire young people in 4-H to work collaboratively, take the lead on their own projects and set and achieve goals with confidence. 4-Hers across the nation chart their own course, explore important issues and define their place in their country and their world. 4-Hers learn to stand up for themselves, their communities and their country.

These pivotal experiences build a foundation of leadership and skills for success for not only

4-Hers and their own futures, but also for the future of our country.

## Carson City Seaching For A Needle In A Haystack

Carson City 4-H needs a new 4-H sewing and/or needle craft project leader.

Our sewing project leader had to move and was unable to continue for our ten youth who were involved in this project area. The office will supply all educational materials some supplies (we have three usable sewing machines).



This could be either a short term or long term project. We have area youth who want to continue to build their sewing/needlecraft skills.

Adults who are eager to share their creative knowledge in sewing and/or needle crafts with our local youth are encouraged to contact Sandy Wallin at 775-887-2252.

## Every Dog's Day is Coming

Do you have a dog that is agile, clever and a credit to its breed? If not, do you want to watch dogs that are? If so, the 2013 4-H Dog Skill-a-thon presented by Silver Knolls Silver Paws 4-H Dog Club is for you. Washoe County 4-H invites all Nevada and eastern California counties to participate in the event

The show is July 28, and will be held at 15 Moonbeam Court in Sparks (in the Bridle Path area of Spanish Springs).

Registration is at 8:30 a.m.

The show starts at 9:00 a.m.

There will be dog judging, agility course, contact points, chutes and jumps for the canine contenders.

Snacks, drinks and dog treats will be available; but anyone bringing a dog should remember to bring a crate, treats, chairs and water for their dog.

The cost to register is \$5 for 4-H members and \$7 for all non-members. This is an open skillathon, so adults are allowed to participate. Anyone planning on entering should RSVP by July 25.



## Championship 4-H Horse Show Coming Soon

A high point of the 4-H Horse Clubs' year, the Nevada Championship 4-H Horse Show sponsored by the Washoe County 4-H Horse Leaders. It will be held July 19-21, at the Lemmon Valley Horsemen's Arena- on the corner of Alaska and Chestnut in Lemmon Valley.

The show is open to all 4-H Members. In order to enter this show you must have a horse verification on file at your UNCE office and have passed Level I tests.

Riders in Junior, Intermediate and Senior 4-H age categories will be judged using the Danish System- all participants will be awarded blue, red or white ribbons based on their skill level. The show is a Championship Show because it includes Championship classes: the top two blue ribbons in each class advance to the Championship class. Per Nevada State 4-H Horse Show Rules, Cloverbuds (5-9 years of age) cannot show but are encouraged to help with other aspects of the show.

The Show starts July 19, at 5:30 p.m. with Gymkhana classes. Classes continue on Saturday, July 20 with Western classes starting at 8:30 a.m.; and on Sunday, July 21 with English classes starting at 8:30 a.m.

Classes will be conducted and judged according to the Nevada State 4-H Horse Show Rule Book. 4-H dress is required. ASTM-SEI approved helmet is required for all exhibitors.

Entries must be postmarked by July 12, and must be complete to be processed. Late Entries and Day of Show Entries will be charged an additional \$10 fee. Regular Class Sponsorships are available for \$10. Championship Class Sponsorships are available for \$20

Entry forms are available online on the Washoe 4-H calendar ([www.unce.unr.edu/cgi-bin/calendar.pl?calendar=Reno&month=7](http://www.unce.unr.edu/cgi-bin/calendar.pl?calendar=Reno&month=7)), from the Washoe County 4-H Facebook page, and at the Washoe Cooperative Extension office, 4955 Energy Way in Reno.

Mail entries to Show Secretary

## Lyon County Fair & Rodeo 4-H Dog Show

Lyon County 4-H Leaders' Council is sponsoring a dog show on Thursday, August 15 in conjunction with the Lyon County Fair and Rodeo. The show begins at 8:30 a.m. at the Lyon County Fairgrounds in Yerington, Nevada. This show is open to all 4-Hers of Nevada and northern California counties.

There are classes in Showmanship, Obedience, Agility and Rally. Entry fees are \$5 per class. A \$20 late fee will be charged on any entry postmarked after August 5. For entry forms and information, please call 775-463-6541.





## Get ready for 4-H Maps & Apps

On October 9, 2013, during National 4-H Week, millions of young people will become scientists for the day during the sixth annual 4-H National Youth Science Day (NYSD). This event, which takes place in urban, suburban and rural communities all across the nation, seeks to spark an early interest and leadership in science, technology, engineering and math (STEM) careers in an effort keep America competitive in those fields.

This year, the National Science Experiment will be *4-H Maps & Apps*. Designed by Colorado State University Extension, the year's set of activities will turn young people into geospatial thinkers as they design and map their ideal park, use GIS mapping to solve community problems and contribute data about their community to the United States Geological Survey.

Currently, more than five million young people across the nation participate in 4 H STEM programming in topics as varied as robotics, agricultural science, rocketry, wind power, environmental science and alternative energy.

For more than 100 years, 4-H has been at the forefront of teaching young people about science, engineering technology and math (STEM). 4-H National Youth Science Day is the premier national rallying event for year-round 4-H STEM programming, bringing together youth, volunteers and educators from the nation's 109 land-grant colleges and universities to simultaneously complete the National Science Experiment.

Though the main event is months away, now is the time for clubs to order kits and supplies and practice with the materials.

4-H members and leaders can download the 2013 National Science Experiment Youth and Facilitator Guides as well as other key resources, visit the *4-H National Youth Science Day* website: [www.4-H.org/NYSD](http://www.4-H.org/NYSD). The 2013 National Science Experiment kit are available for pre-sale on the 4-H Mall website, [www.4-HMall.org](http://www.4-HMall.org)

To find out what your local 4-H office is planning for National Experiment Day, call the UNCE office in your county.



## Sewing Club Starting in Washoe County

After a year's absence, Washoe County once again has a sewing club. New leader Emily Slingland is looking forward to helping club members learn all about the craft of sewing.

With the availability of several quality sewing machines from Washoe 4-H, members will have all they need to work on any sewing project.



The club's first meeting will be July 18, from 6:30 to 8:00 p.m. at the Washoe County 4-H office at 4955 Energy Way in Reno. Interested youth are encouraged to come meet Emily and help start a fun new club.

If you are planning on attending, or to get more information about this new club, please call Lisa Boldman at 775-336-0273, or email [boldmanl@unce.unr.edu](mailto:boldmanl@unce.unr.edu).

## Silver State Youth Livestock Show and Expo Reminder

The Silver state Youth livestock Show and Expo will be held August 15-18, 2013 in Yerington, NV. This Lyon County Fair Board event is open to all Nevada 4-H and FFA youth.

Nevada families are encouraged to attend the livestock show, auction, and exhibits by youth. Exhibits available during the event will include livestock, small animal, static, and others.

The Lyon County Fair Board is skill accepting sponsorship donations for this extensive undertaking. Your participation in this statewide show will make a difference in the level of achievement and participation that is available to our young people.

Your involvement in a Silver State Livestock Show and Expo is a win-win scenario for you as well as the thousands of FFA and 4-H members and their families in Nevada. As a sponsor, your tax-deductible gift will help shape the future of the youth in our State.

The Silver State Youth Livestock Show and Expo are presented in part with the Lyon County Fair and Rodeo. For more information call 775-761-5762 or the Lyon County 4-H office 775-463-6541.

## Western Area June Dates to Remember

**July 4 -** Independence Day Holiday  
Offices are Closed

**July 7-13 -** Western Area 4-H Camp

**July 19-21-** Nevada 4-H Championship  
Horse Show, Lemmon Valley

**JOIN** | THE REVOLUTION   
OF RESPONSIBILITY

### WESTERN AREA OFFICES

**Carson City/  
Storey County**  
(775) 887-2252  
2621 Northgate Lane  
Suite 15  
Carson City, NV 89701

**Douglas County**  
(775) 782-9960  
1325 Waterloo  
Gardnerville, NV 89410  
PO Box 338  
Minden, NV 89423-0338

**Washoe County**  
(775) 784-4848  
4955 Energy Way  
Reno, NV 89502

## Your STEM\* Minute

*\*4-H Science, Technology, Engineering and Math*

There will soon be a way for the blind to gain a bit more mobility. A company in Australia is the latest to introduce a bionic eye. The apparatus consists of a camera, roughly equivalent to the ones on iPhones, attached to a pair of glasses. The camera sends signals to an image processor which converts the signal into a simplified image which is transferred wirelessly to a microchip implanted in the brain's visual cortex..

The image it produces has more detail earlier models. And being wireless, it is much easier to maintain once it's installed. Still, at 10,000 pixels, it is a far cry from the roughly 560 million "pixels" the average human eye can see. But for a blind person to be able to discern the edge of a table, a door or the silhouette of a person, it is a huge leap forward.

And in the near future, scientists expect to decipher the "code" of the optic nerve in humans, just like they have in mice. This could set the stage for the first truly artificial eye.

*-from LiveScience.com*

4-H is a program of University of Nevada Cooperative Extension

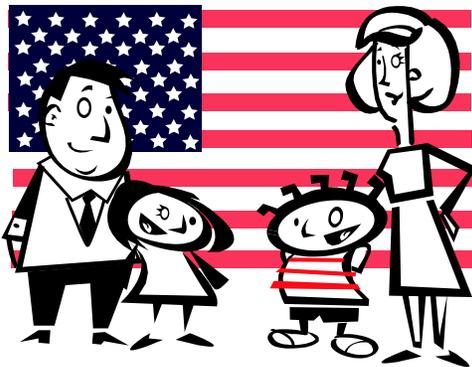
Clover Clips is published monthly by the University of Nevada Cooperative Extension for the benefit of 4-H members, leaders, families and others. The University of Nevada, Reno is an Equal Employment Opportunity/Affirmative Action employer and does not discriminate on the basis of race, color, religion, sex, age, creed, national origin, veteran status, physical or mental disability, and sexual orientation in any program or activity it operates. The University of Nevada employs only United States citizens and aliens lawfully authorized to work in the United States

Unless stated differently, all meetings are held at your local Cooperative Extension office.

## 4-H Events Calendar July 2013



DATE	WESTERN AREA	CARSON CITY/STOREY COUNTY	DOUGLAS COUNTY	WASHOE COUNTY
1		Target Rippers, Fuji Exhibit Hall, 6:30-8 p.m.		
3		Bouncing Bunnies, Fuji Exhibit Hall, 6:30-8 p.m.		
4	<b>INDEPENDENCE DAY - OFFICES CLOSED</b>			
6	Teen Counselor and Adult Chaperone training, State 4-H Camp, 3 p.m.			
7-13	Western Area 4-H Camp, State 4-H Camp at Lake Tahoe			
8		4-H Leaders' Council, 6:30-8 p.m.		
9				Horse Leaders Mtg, 6 p.m.
10-13			Bishop Tri-County Fair	
11	Camp Advisory Committee, State 4-H Camp, Lake Tahoe, 9:30 a.m.	4 Paws, Fuji Exhibit Hall, 6:30-8 p.m.	Dog Workout, 6:30 p.m.	
12		Carson Hot Shots, Cap. City Gun Club, 6-9 p.m.		
15		Target Rippers, Fuji Exhibit Hall, 6:30-8 p.m.		
17		Carson Cluckers, Fuji Exhibit Hall, 6:30-8 p.m.		Livestock Leaders' Mtg., 6 p.m. Small Animal Leaders' Mtg., 7 p.m.
18		4 Paws, Fuji Exhibit Hall, 6:30-8 p.m.	Dog Workout, 6:30 p.m.	Sewing club first meeting, 4:30 p.m.
19-21	4-H Horse Championship Show, Lemmon Valley Arena, 8 a.m.			4-H Horse Championship Show, Lemmon Valley Arena, 8 a.m.
26		Carson Hot Shots, Cap. City Gun Club, 6-9 p.m.		
28				Dog Skillathon, open dog show, 15 Moonbeam Ct., Sparks, 8:30 a.m.



*Have a Happy Independence Day!*

## Upcoming 4-H Events Calendar



DATE	WESTERN AREA	CARSON CITY/STOREY COUNTY	DOUGLAS COUNTY	WASHOE COUNTY
<b>August 2013</b>				
1		4 Paws, Fuji Exhibit Hall, 6:30-8 p.m.		<b>Please note:</b> Due to the number of club meetings in Washoe Co., we cannot list them all here. Also, club meetings cannot be held at the Washoe UNCE office.
5		Target Rippers, Fuji Exhibit Hall, 6:30-8 p.m.		
6			Small Animals, 6:30 p.m.	
7		Bouncing Bunnies, Fuji Exhibit Hall, 6:30-8 p.m.		
8		4 Paws, Fuji Exhibit Hall, 6:30-8 p.m.	Dog Workout, 6:30 p.m.	
9		Carson Hot Shots, Cap. City Gun Club, 6-9 p.m.		
10				Trail Trials, Washoe Lake Park
12		4-H Leaders' Council, 6:30-8 p.m.		
13				Horse Leaders Mtg, 6 p.m.
14		Carson Cluckers, Fuji Exhibit Hall, 6:30-8 p.m.		
15		4 Paws, Fuji Exhibit Hall, 6:30-8 p.m.	Dog Workout, 6:30 p.m.	
15-18	Silver State Livestock Show and Expo, Lyon County Fairgrounds, Yerrington			
19		Target Rippers, Fuji Exhibit Hall, 6:30-8 p.m.		
21				Livestock Leaders' Mtg., 6 p.m. Small Animal Leaders' Mtg., 7 p.m.
22			Dog Workout, 6:30 p.m.	
23		Carson Hot Shots, Cap. City Gun Club, 6-9 p.m.		
24				Saddle up for St. Judes, Washoe State Park
26			Leaders' Council, 7 p.m.	
<b>September 2013</b>				
2	<b>LABOR DAY HOLIDAY - OFFICES CLOSED</b>			
4		Bouncing Bunnies, Fuji Exhibit Hall, 6:30-8 p.m.		
5		4 Paws, Fuji Exhibit Hall, 6:30-8 p.m.	<b>Please note:</b> Douglas County currently has too many 4-H Project Meetings to list here. Please refer to your Project Leader for dates	
6		Carson Hot Shots, Cap. City Gun Club, 6-9 p.m.		
9		4-H Leaders' Council, 6:30-8 p.m.		
10				Horse Leaders Mtg, 6 p.m.
12		4 Paws, Fuji Exhibit Hall, 6:30-8 p.m.		
14				Mountain Mustangs Horse Show
16		Target Rippers, Fuji Exhibit Hall, 6:30-8 p.m. Silver Sage Community Club, 6:30-8:30		
18		Carson Cluckers, Fuji Exhibit Hall, 6:30-8 p.m.		Livestock Leaders' Mtg., 6 p.m. Small Animal Leaders' Mtg., 7 p.m. Leaders' Council, 7:30
19		4 Paws, Fuji Exhibit Hall, 6:30-8 p.m.		
20		Carson Hot Shots, Cap. City Gun Club, 6-9 p.m.		
21				Horse Judging Contest, Rockin LJ arena, 8 a.m.