



University of Nevada
Cooperative Extension

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Clover CLIPS



VOLUME 21 • ISSUE 10 • OCTOBER 2013

University of Nevada Cooperative Extension • Western Area

4-H Provides Positive Youth Development Around the World

Most of us know by now that 4-H is the largest youth development organization in the nation. 4-H reaches 6.3 million youth in the United States. Fewer of us might realize that 4-H now has a world-wide presence; reaching 7 million young people in more than 70 countries. In 1973, the words "...And my world" were added to the 4-H pledge. Those three words recognized the broadened scope of an international 4-H Program. Today, 4-H can be found in North America, South and Central America, Europe, Asia and Africa.

These varied 4-H programs around the world are linked by the Global 4-H Network (<http://www.4-h.org/about/global-network/>). The network is working to train the next generation of farmers and entrepreneurs in these mostly developing countries. Food security is a main concern in many of these nations with projections that food production must double by 2025 to meet estimated population growth. The network is focusing on youth as the solution just as 4-H did in the United States more than 100 years ago.

In the United States, 4-H started by teaching young people new agricultural practices through corn clubs. Youth willing to try new things was a way to also reach adults. With 60 percent of children and adolescents worldwide working in agriculture, 4-H Global Network's efforts will seek to repeat this successful approach world-wide so that youth can lead on global issues of hunger, sustainable livelihoods and food security. The network strives to give technical assistance to improve agricultural practices, but also focuses on positive youth development. The network also works to create web resources that are culturally relevant and easily accessible to 4-H partners around the world.

A pilot program was first conducted in Africa in the nation of Tanzania in 2010. Now programs exist in thirteen African nations, including Ghana, Kenya, Ethiopia, South Africa, Cameroon, Gambia, Liberia, Namibia, Nigeria,

Tunisia, Uganda and Zambia. The 4-H mottos in Tanzania are "Learning by Doing" and "Earning While Learning." The Ghana 4-H pledge is similar to its U.S. counterpart with a few wording changes: "I promise to work towards becoming a youth with a Clear Head, an Open Heart, Clever Hands and Good Health, so help me God." The pledge might be a little different than what we are used to, but the fundamental four H's are there for all to see.

The 4-H programs across the globe might differ cosmetically from our home grown programs, but positive youth development is still the main focus. Take Costa Rica for instance. There the program does not have any H's but revolves around the four S's- Salud (health), Saber (knowledge), Sentimientos (heart) and Servicio (service).

Known as "4-S", the mission in Costa Rica revolves around youth and rural women who gather in 4-S clubs to participate in productive agricultural projects, microbusinesses, community programs, and preparation of youth as future citizens and managers. The 4-H program in Europe has a longer history. In Finland, 4-H was established in 1928 with agriculture clubs for youth. Today's mission in Finland revolves around developing entrepreneurship, employability and active citizenship. 4-H members in Finland range in age from 6 to 28.

The country boasts 75,000 members with an average age of 13. In Norway, the mission is built around that nation's version of the 4-H pledge: "We promise to work towards the goal of becoming a youth with a clear Head (klart hode), warm Heart (varmt hjerte), clever Hands (flinke hender) and good Health (god helse).

To see emerging and established 4-H programs across the globe, check out the 4-H Global Map (<http://www.4-h.org/about/global-network/>). 4-H programs differ from nation to nation; sometimes these programs might even be missing the H's, but all are related and unified by the desire to bring experiential learning and positive development to the world's youth.



Getting Ready for the 4-H Experiment

The National 4-H Experiment will be happening at sites across the country on October 9. The sixth annual event is part of National 4-H Week, the start of the new 4-H year and in recognition of 4-H's dedication to STEM education.

This year's experiment is called Maps and Apps and revolves around geography and geographic information systems (GIS) and how these applications help people make smart decisions that improve lives, respect our natural resources and make a positive impact in our world. The event will give youth the opportunity to think like a geospatial scientist asking geographic questions, acquiring resources, exploring data, analyzing information, then act on geographic knowledge.

Each county in the Western area will have their own presentation. Carson City/Storey County 4-H is preparing for the big day by holding two experiment "build" days and a special evening presentation to explain and discuss the experiment's findings. The last "build" day is Saturday, October 5. Activities will start at 10 a.m. and will run until 1 p.m. at the office conference room at 2621 Northgate Lane, suite #12, in Carson City. The final presentation will be held at 6:30 p.m. on National Science Experiment Day, October 9. For more information and to reserve a spot at the experiment build day, contact Sandy or Jim at the Carson City Cooperative Extension office, 775-887-2252.

Washoe County will be presenting the experiment in conjunction with Coral Academy Middle and High School on 9th Street in Reno. The event will be between 2:30 p.m. and 4 p.m. Youth from different grades will be working together to complete the each step laid out in the official Maps & Apps manuals.

In Douglas County they will not be doing the experiment at the same time as the other counties. Instead, the 4-H STEM Project in Douglas County will be conducting science experiments involving chemistry, biology and engineering during 4-H Week and throughout the year. For information, please call 775-782-9960.

New Washoe County Record Book Date

Washoe County 4-H members have an extra week to polish up their record books. In order to include some late scheduled events in members books, the deadline was moved to October 11.

All record books must be turned in to the Washoe County 4-H office at 4955 Energy Way in Reno by 5 p.m. on that Friday.



Douglas County Award's Night Party

Douglas County 4-H'ers will gather to be honored for their end of the year awards at 6:30 p.m., Monday, October 14, at the Carson Valley Methodist Church, 1375 Centerville Lane, in Gardnerville.

This end of the year celebration recognizes our members, leaders and supporters for the 4-H year 2012-13. It is hosted by our Teen Leadership members.

Formal 4-H uniform is required. Please bring a finger food dish to share (enough for approximately twelve people). No desserts please; dessert and drinks are provided. Highlights of the evening include awards and the annual end of the year slide show! Last year's members, leaders and their families are encouraged to attend. For information, please call 775-782-9960.



Portfolio and Record Books Due

Douglas County 4-H members will turn in their portfolio and record books from the 2012-13 4-H year on or before 4 p.m. on Tuesday, October 1, at the Douglas County Extension Office at 1325 Waterloo Lane in Gardnerville. You must have all necessary leaders and parent signatures prior to turning it in. No late books will be accepted for judging.

Please remember that in order to be eligible for scholarships and leader council funding, and your year-end awards, you must turn in a portfolio/record book and be a member in good standing. For information, please call 775-782-9960.



4-H Fall Family Costume Ball

Come join the fun at the 4-H Fall Family Costume Ball on Saturday October 19, at the Douglas County Fairgrounds.

Families can wear their favorite costumes and enjoy an evening of dancing and fall themed activities. There will be an all-ages costume contest, dancing, limbo and "Bring a Decorated Pumpkin" contest. Also, have fun with face painting, a photo booth, games, and refreshments available for purchase.

Youth must be accompanied by an adult. Everyone is welcome; you need not be a 4-H member to attend. The contests are 5:30-6:30 p.m. with dancing following from 6:30 to 9:00 p.m. Pre-purchase tickets at the Douglas County Recreation office for \$10 per person. Children age 4 and under are free. For information, please call 775-782-9960.



Helping the Homeless with Shoeboxes

As fall approaches people begin to turn their thoughts to all that they are grateful for. Often, at the top of that list, is having a roof over their heads and good food to eat.

However, there are many people in our area who do NOT have a roof over their heads or enough to eat at night. The Washoe County Military 4-H clubs saw this need and wanted to make a difference. We are asking your help in providing basics to those in desperate need in our community.

The 4-H military clubs have a community service project aimed at supporting the homeless in our community. They plan to aid the "We Care Volunteers" by taking shoeboxes full of supplies to the homeless on Thanksgiving night. They are asking for donations in order to reach their goal of 250 boxes. Most helpful are donations of new mittens, sweaters, socks, or scarves. Also personal care items as well as non-perishable food items like granola bars, fruit snacks, etc. You can also donate large items like tarps, blankets, small books, and playing cards. Financial contributions are appreciated as well. If you wish to give money, please make your check payable to the Board of Regents.

There are two drop off locations for your convenience: the Washoe County 4-H (University of Nevada Cooperative Extension) office at 4955 Energy Way, Reno or the Plumb Lane Armory located at 685 E Plumb Lane, Reno.

Any support you can give is appreciated. This will not only help our 4-H youth practice their leadership skills, but will be making a big difference to the local community. For more information, please contact Coordinator Chantel Mathson at 775-336-0243 or email mathsonc@unce.unr.edu.



Help Put Together a Scrapbooking Club

Ever wanted to make a scrapbook or learn how? Then please come and check out the new Washoe 4-H Scrapbooking Club!

The club meets on the second Tuesday of every month from 5:30-7:30 p.m. at the UNCE office, 4955 Energy Way in Reno.

Learn how to create your own scrapbook album, handmade journals or even a memory box. Bring your photos and any supplies you have. Each meeting we will complete a page or special project!

Please call club leader Stephanie Davis at 775-848-5602 or Lisa Boldman 775-336-0273 with any questions!



Fifth Annual Rabbit and Cavy Show

Don't miss the Fifth Annual Reno Rabbits and Cavy 4-H Club Fall Show! It will be held Saturday October 5, in the Multipurpose Room of Cold Springs Middle School, 18235 Cody Ct. in Reno. Check in is 8:00 a.m. to 9 a.m. with Showtime at 9:30 a.m. There will be a "Dress-up" contest, Showmanship classes and raffle.

Entry forms and show books are available on the Washoe 4-H Calendar and the facebook page www.facebook.com/washoecounty4h/. They are also available at the Washoe County 4-H office at 4955 Energy Way in Reno.

For more information, contact Karen Pruet 775-722-4175, Seth Thomas 775 853 7001, or Cathy Valeschini 775-772-9943.

Middle School 4-H'ers Invited to National Conference

Based on the legacy of Citizenship Washington Focus, the National 4-H Council has announced the inaugural session of Leadership Washington Focus!

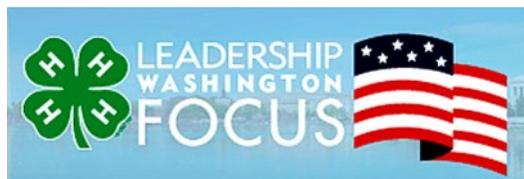
Leadership Washington Focus (LWF) is 4-H's only national experience designed specifically for youth entering grades seven through nine. During LWF, middle school 4-H'ers have the rare opportunity to engage their peers at the national level around the subjects of innovation, service, and perspective taking. Delegates will gain key leadership skill such as:

- Build confidence in their ability to motivate and direct others in meaningful action
- Learn to communicate effectively with others through group discussion and public speaking
- Collaborate with peers of diverse backgrounds to create and accomplish goals
- Develop an understanding of their own personal leadership style

Delegates will learn by doing through experiential learning opportunities facilitated in our nation's capital by our team of Program Assistants. This new and exciting opportunity is designed specifically for middle school 4-H'ers and provides them with the knowledge and experiences to help begin their journey as leaders in their communities, our nation, and our world.

The National 4-H Council will be hosting youth delegates and chaperones in our Nation's Capital during the summer of 2014. You can find out more by going to www.4HLWF.org. If you have questions, please call or email Youth Opportunities Manager Maria A. McNeely, 301-961-2812, or mmcneely@4hcenter.org.

Also note that there is still time to register for Citizenship Washington Focus, a life-changing summer experience for high school 4-H'ers.



Western Area October Dates to Remember

Oct. 6-12– National 4-H Week

Oct. 9– National 4-H Science
Experiment

Oct. 25– Nevada Day Holiday
Offices Closed



JOIN | THE REVOLUTION
OF RESPONSIBILITY 

Your STEM* Minute

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

Photolithography, the process currently used to make most semiconductors, can etch a line just 200 nanometers wide. That means it could produce 300 lines in the width of a human hair. But that is near the theoretical limit of the process, which means chips cannot get much smaller or more powerful using the current method.

However, a research team has found a way to bypass that barrier using a superfine jet “e-printer” and a substance known as a self-assembling block copolymer. The team, consisting of nine researchers from Universities in Illinois and Korea, was able to increase the resolution of their intricate structure fabrication from 200 nanometers to approximately 15 nanometers.

The e-printer works much like a home inkjet printer, but can make print lines near the 200 nanometer scale using grapheme or carbon nanotube “ink”. The copolymer is then applied on top of the pattern. The copolymer has the ability to self-organize and repeat the pattern, only at a much finer resolution allowing semiconductors to be made over 100 times smaller, or chips to be 100 times as powerful.

-Information from Science Daily

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

4-H Events Calendar October 2013



DATE	WESTERN AREA	CARSON CITY/STOREY COUNTY	DOUGLAS COUNTY	WASHOE COUNTY
1			Portfolios due to Douglas office by 4 p.m.	
2		Bouncing Bunnies, Fuji Exhibit Hall, 6:30-8 p.m.		
3		4 Paws, Fuji Exhibit Hall, 6:30-8 p.m.	Please note: Douglas County currently has too many 4-H Project specific meeting dates to publish. Please refer to your Project Leader and Calendars for meeting dates.	
4		Carson Hot Shots, Capitol City Gun Club, 6-9 p.m.		
4-6	State 4-H Shooting Sports Leader Training, Winnemucca			
5		National 4-H Science Experiment Build Day, UNCE Carson Office, 10 a.m. - 1 p.m.		Autumn Antics Horse Show, Lemmon Valley Horse Arena Reno Rabbits show, Cold Springs Middle School
6-12	NATIONAL 4-H WEEK			
7		Target Rippers, Fuji Exhibit Hall, 6:30-8 p.m. Silver Sage Community Club, 6-7:30	Teen Leadership, 2:30 p.m.	
8				Horse Leaders Mtg, 6 p.m.
9	National 4-H Science Experiment	National 4-H Science Experiment Presentation, UNCE Office, 6-8 p.m.	National 4-H Science Experiment demonstration, TBA	
10		4 Paws, Fuji Exhibit Hall, 6:30-8 p.m. SC Community Club, Roasting House, 6-8 p.m.		
11				Record Books Due to Washoe Office by 5 p.m.
12			Cloverbud Baking Day, 10 a.m.	
14		Cook Lovers, VC Sr. Center, 4-6 p.m. 4-H Leaders' Council, 6:30-8 p.m.	Teen Leadership, 2:30 p.m. Awards Night, 6:30 p.m.	
16		Carson Cluckers, Fuji Exhibit Hall, 6:30-8 p.m.		Livestock Leaders' Mtg., 6 p.m. Small Animal Leaders' Mtg., 7 p.m.
17		4 Paws, Fuji Exhibit Hall, 6:30-8 p.m.		
18		Carson Hot Shots, Capitol City Gun Club, 6-9 p.m.		
19			4-H Fall Family Costume Ball, 5:30 p.m.	Please note: Due to the number of club meetings in Washoe Co., we cannot list them all here.
21		Target Rippers, Fuji Exhibit Hall, 6:30-8 p.m. Silver Sage Community Club, 6-7:30	Teen Leadership, 2:30 p.m.	
24		SC Community Club, Roasting House, 6-8 p.m.		
25	NEVADA DAY HOLIDAY - OFFICES CLOSED			
28			Teen Leadership, 2:30 p.m. Leaders' Mandatory Training and Council, 6-9 p.m.	



Nevada Day

Nevada Day Holiday, October 25

Upcoming 4-H Events Calendar



DATE	WESTERN AREA	CARSON CITY/STOREY COUNTY	DOUGLAS COUNTY	WASHOE COUNTY
November 2013				
4		Cook Lovers, VC Sr. Center, 4-6 p.m. Target Rippers, Fuji Exhibit Hall, 6:30-8 p.m. Silver Sage Community Club, 6:30-8:30	Teen Leadership, 2:30 p.m.	
6		Bouncing Bunnies, Fuji Exhibit Hall, 6:30-8 p.m.		Year-End Awards, 6:30 p.m.
7		S.C. Community Club, Roasting House, 6-8 p.m. 4 Paws, Fuji Exhibit Hall, 6:30-8 p.m.		
8		Carson Hot Shots, Capitol City Gun Club, 6-9 p.m.		
11	VETERANS' DAY HOLIDAY - OFFICES CLOSED			
12		4-H Council, 6:30-8:00 p.m.		Horse Leaders Mtg, 6 p.m.
13		Carson Cluckers, Fuji Exhibit Hall, 6:30-8 p.m.		
14		4 Paws, Fuji Exhibit Hall, 6:30-8 p.m.		
16			Cloverbud Pet Show Day, 10 a.m.	Please note: Due to the number of club meetings in Washoe Co., we cannot list them all here.
18		Target Rippers, Fuji Exhibit Hall, 6:30-8 p.m. Silver Sage Community Club, 6:30-8:30 Cook Lovers, V.C. Sr. Center, 4-6 p.m.	Teen Leadership, 2:30 p.m. Community Club: Pet Treat Orders and monies due. Food Drive and T-shirt pick-up, Record Book pick-up, CV Methodist, 6:30 p.m.	
20				Livestock Leaders' Mtg., 6 p.m. Small Animal Leaders' Mtg., 7 p.m.
21		SC Community Club, Roasting House, 6-8 p.m. 4 Paws, Fuji Exhibit Hall, 6:30-8 p.m.		
22		Carson Hot Shots, Capitol City Gun Club, 6-9 p.m.		
25			Teen Leadership, 2:30 p.m.	
28-29	THANKSGIVING HOLIDAY - OFFICES CLOSED			
December 2013				
2		Cook Lovers, VC Sr. Center, 4-6 p.m. Target Rippers, Fuji Exhibit Hall, 6:30-8 p.m. Silver Sage Community Club, 6:30-8:30		
4		Bouncing Bunnies, Fuji Exhibit Hall, 6:30-8 p.m.	Please note: Douglas County currently has too many 4-H Project specific meeting dates to publish. Please refer to your Project Leader and Calendars for meeting dates.	
5		SC Community Club, Roasting House, 6-8 p.m.		
7		V.C. Parade of Lights, 4-9 p.m.		
9		4-H Council, 6:30-8:00 p.m.		
10				Horse Leaders Mtg, 6 p.m.
11		Carson Cluckers, Fuji Exhibit Hall, 6:30-8 p.m.		
13				Year-end Horse Awards (tentative)
16		Cook Lovers, VC Sr. Center, 4-6 p.m. Target Rippers, Fuji Exhibit Hall, 6:30-8 p.m. Silver Sage Community Club, 6:30-8:30		
18				Livestock Leaders' Mtg., 6 p.m. Small Animal Leaders' Mtg., 7 p.m.
19		SC Community Club, Roasting House, 6-8 p.m.		
25	CHRISTMAS DAY HOLIDAY - OFFICES CLOSED			
27		Carson Hot Shots, Capitol City Gun Club, 6-9 p.m.		



Veterans' Day, November 11



Thanksgiving Holiday, November 28-29



Christmas Holiday, December 25