

University of California
Agriculture and Natural Resources
Making a Difference for California



P.O. Box 180, 100 Sunrise Blvd., Suite E, Colusa, CA 95932
Tel (530)458-0570 Fax (530)458-4625
cecolusa@ucdavis.edu

NOVEMBER, 2011

COLUSA COUNTY 4-H NEWS



MONTHLY CLUB MEETINGS:

Arbuckle 4-H – 2nd Monday, 7:00pm, Arbuckle Elementary
Colusa 4-H – 2nd Monday, 7:00pm, St. Bernadette's Hall, 745 Ware Ave, Colusa
Maxwell 4-H – 1st Wednesday, 6:30pm, Maxwell Elementary multipurpose room
Princeton 4-H – 2nd Monday, 6:30pm, Princeton High School multipurpose room
Stonyford 4-H – See article for monthly dates, Town Hall
Williams 4-H – 3rd Tuesday, 6:30pm, Williams Elementary Multipurpose Room
4-H Council – 3rd Wednesday of every other month, 6:30pm, CIP room (begins Sept)

.....

CALENDAR:

NOVEMBER 2011

- 1 DEADLINE: Last day to enroll in 4-H
- 1 Emerald Star Proposal due to 4-H Office
- 2 Maxwell Club Meeting, 6:30pm, Maxwell Elementary Multipurpose Room
- 5 Craft Expo, 9:00 am – 3:00 pm, Festival Hall
- 5 Make it with Wool, Hollister
- 5 Goat Educational Day, Red Bluff
- 11 Veteran's Day Holiday – Cooperative Extension closed
- 11 Stonyford Club Meeting, 1:00pm, Town Hall
- 11-13 State Leaders' Forum, Asilomar
- 14 **Final** New Leader Orientation Meeting, 6:30-8:00pm, CIP Conference Room
- 14 Arbuckle Club Meeting, 7:00pm, Arbuckle Elementary
- 14 Colusa Club Meeting, 7:00pm, St. Bernadette's Hall
- 14 Princeton Club Meeting, 7:00pm, Princeton High School Multipurpose Room
- 15 Williams Club Meeting, 6:30pm, Williams Elementary Multipurpose Room
- 16 4-H Council Meeting, 6:30pm, CIP Conference Room
- 24-25 Thanksgiving Holiday – Cooperative Extension closed

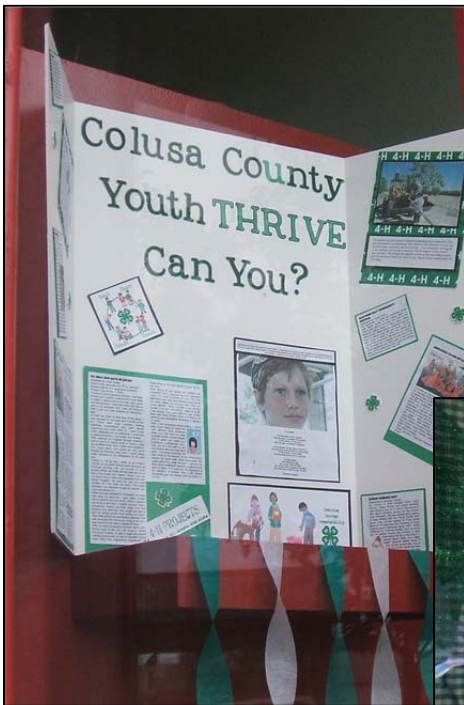
DECEMBER 2011

- 2 Citizenship Focus financial aid application due
- 26-2 Christmas Holiday – Cooperative Extension closed

FOR STATE CALENDAR OF ACTIVITIES GO TO: <http://www.ca4h.org/News/Calendar/>

18 U.S.C. 707

NATIONAL 4-H WEEK – DISPLAY RESULTS



Arbuckle 4-H Club: Gold
Colusa Arts & Crafts
Project: Gold
Maxwell 4-H Club: Blue
Stonyford 4-H Club: Blue



COUNTY FAIR LIVESTOCK CHANGES

The board ratified changes in beef/sheep show times, so any sheep members that may want to run for Miss Colusa County will be able to do so. Also ratified was a change in the schedule for pygmy goats from Thursday to Friday. A few adjustments to the entry fee premium have been made as well.

URGENT!! CASH FAIR CHECKS

The Fair office reports there are still checks awarded in June that have not been cashed. Take care of this matter immediately so the books can be closed and business can proceed. Thank you.

SEWING AND QUILTING PROJECT DISCOUNT

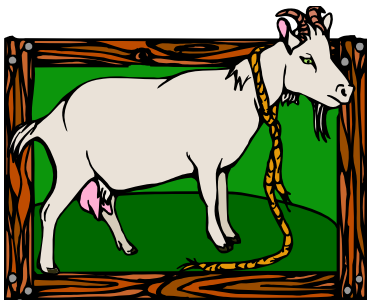
Sew-N-Things is offering 15% discount to 4-H members in sewing and quilting projects. The shop is located at 157 B Market Street, Colusa. Owners are Michael & Blanca Dahlstrom at 458-4474. They offer machines, service, fabric, notions, and books.

QUILTING OFFERED AS COUNTYWIDE PROJECT

Toni Pearson of Maxwell is opening up her quilting project to members from other clubs in Colusa County. She will take up to six 1st year quilting members or a few more with additional experience. If you are interested, please contact her at 864-4263. Be sure to add the project at 4honline.

2011 GOAT EDUCATION DAY

November 5, 2011 at Tehama District Fairgrounds in Red Bluff, CA.



Classes are offered 9-5:00 on health, husbandry, ranch management classes, cheese and soap making, showmanship, fitting, cart goats and more. Special series on Pack Goats by Clay Zimmerman of High Uinta Pack Goats in Utah and Special Hard Cheese Class taught by author Gianaclis Caldwell of Pholia Farm Creamery. Again Special Youth Tract which includes the California State Quality Assurance and Ethics Class, Practical Fair: What to Bring, How to Act, meat and dairy showmanship, goat bowl, making fair signs and goat coats, nutrition and more!

Youth under 18 are just \$5.00 for an entire day of classes taught by UC Davis, CSU-Chico, veterinarians and industry professionals. Please attend with parent or youth leader. Adult cost is \$15.00 for the day.

Special Reserve Meat and Milker sale will be held that evening following GED.

Pre-registration for classes is strongly suggested as some classes have limited enrollment. Go to www.nvdga.org for pre-registration forms or see attachments above. Any questions can be referred to Mary Pryde at 530-351-1801 or Beth Nicholson at 530-347-7376, or ged@nvdga.org.

CRAFT EXPO

The second annual Colusa County "Make It and Take It" Craft Expo is scheduled for November 5, 2011. The Craft Expo will be held at the Colusa County Fairgrounds, Festival Hall, starting at 9:00 am and continuing until 3:00 pm. Bring your arts & crafts members for a meeting here. This event is open to the public, so bring family and friends for a fun filled day of craft making. There will be projects for all ages, ranging from \$.50 to \$10.00. All Projects are provided at cost. Some of the projects we have scheduled are spin art T-shirts, scrapbook cards and frames, candles, Christmas ornaments and decorations, magnets and jewelry. Make your Christmas decorations and gifts with us.



NEW LEADER ORIENTATION DATE:

- Monday, November 14th at 6:30-8pm

This is the final date for the new leader orientation to become a 4-H Volunteer. The meeting will be held in the CIP Conference Room. New leaders must attend an orientation, have fingerprint clearance, complete enrollment and pay \$6.00 in order to be a 4-H volunteer.

EMERALD STAR

It's time to start planning Emerald Star projects. The Emerald Star is an optional award between Gold and All Stars. The member obtains a Personal Development Report (PDR) form from the 4-H Office. In order to achieve the Emerald Star the member does a community service project in addition to performing PDR requirements from the Emerald Star column. Note: the PDR form from the state 4-H site does not work for this star award. Emerald Star Project Plans are due in the 4-H Office on November 1st.

2012 CITIZENSHIP FOCUS

California and Washington Focus enhance citizenship skills as youth engage in one of the study/travel programs and carry out a plan of action to address an issue in their school or community.

California Focus

June 15 – 19 in Sacramento

Cost: \$550.00 for youth, \$650.00 for adults

Criteria:

Participant – Be an enrolled 4-H member and have completed 8th grade

Chaperone – be a certified leader and 21 years of age with authorization to chaperone from your county 4-H staff



Washington Focus #1

June 24 - July 2, Road to Democracy - Washington, D.C.; Williamsburg, Jamestown/ Yorktown. Cost: \$2,190.00

June 24 - 30, Heritage Trail I – Washington, D.C. Cost: \$1,840.00

Washington Focus #2

July 8-17, Global Journey - Washington, D.C, Philadelphia, & New York. Cost: \$2,330.00

July 8-14, Heritage Trail II – Washington, D.C. Cost: \$1,840.00

Washington Focus Programs are open to all adult 4-H leaders and to all youth members who have completed their sophomore year in high school or will be 16 years of age by the time of travel.

Financial aid application must be postmarked by December 2, 2011.

More information is available at: <http://www.ca4h.org/Projects/Citizenship/Focus/> or with Pat English, pnenglish@ucdavis.edu. Online registration will open on December 1, 2011 and is due on January 16, 2012.

4-H ONLINE DONATING NOW AVAILABLE

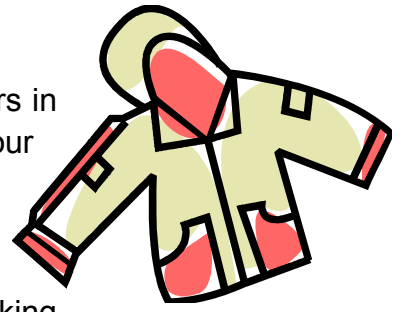
Online donations can now be designated to counties or programs and paid with a credit card. Please check out the new California 4-H website (www.ca4h.org). On every page you will notice a large blue —Donate Now- button which will direct donors to the Foundation donation web page. Online donations can be designated to go to specific counties or to specific programs and may be paid by credit card. 100% of the amount pledged goes directly to the program or county designated. Donors also have the option of making recurring pledges and unrestricted donations to be used where the need is greatest.

MAKE IT WITH WOOL

The CA Make It With Wool Competition Date is November 5, in Hollister, San Benito County. This is a sewing competition to promote the beauty and versatility of wool fabrics and yarns. State winners go to the National MIWW Competition in Scottsdale AZ. Anyone can enter. For more information and entry forms contact Robin Sando at robin@sandofamily.com.

WARM COAT DRIVE

4-H is a community service organization and as we looked back on our years in the program we realized that we need to do more as a group to serve our community. We get a lot of support for our activities from the community and would like to give back. As part of our leadership project, we have decided to organize a warm coat drive to benefit families in need in our area. All of the donations will go to Impact and benefit Colusa County. We are asking Colusa 4-H members, as well as members from all of the 4-H clubs in Colusa County, to donate their new or gently used coats. We will collect coats at our next Colusa 4-H Club Community meeting on Monday, November 14th, at 7:00 p.m. at Our Lady of Lourdes. If you cannot attend the meeting and would like to make a donation, please feel free to call Garrett or Joseph Hamilton at 458-4749 or drop them off on our doorstep at 93 Walnut Tree Drive, Colusa. Thank you for your generosity!



Garrett Hamilton
Joseph Hamilton
Charlie Laux

NORTH SECTION 4-H YOUTH COUNCIL TECH TEAM

Applications are now available for the newly formed 4-H North Section Youth Council Tech Team.

The 4-H North Section Tech Team is one of the new projects and service opportunities being offered by the University of California 4-H Youth Development Program North Section Council. We are looking for intermediate and senior 4-H members who are interested in the areas of technology and community service, and would like to serve the 4-H Youth Development Program in roles that promote learning and leadership through education and service. There is no deadline to apply.

There will be quarterly project meetings for members and interested parties who would like to apply to become a member of the North Section Tech Team at each of the North Section Council meetings. Team members will be selected by application review and notified of their opportunity for membership Interviews; to be held at a regular North Section Council meeting.

Applicants will be notified of their acceptance following a review of their application and interview.

This project is open to any future applicants on an ongoing basis. Please contact Mathew T. Portillo PhD at mtportillo@ucdavis.edu or John H. McIntosh at mcintosh@inreach.com or for more information please see the Tech Team section on our website at: <http://www.ca4h.org/Resources/Volunteers/Councils/Sectional/North/>.

VOLUNTEER LEADER WEBSITE

The volunteer leader website is a new interactive and growing site that can be seen at <http://ucanr.org/4-hvolunteers/>. There are sections that will change monthly, a 4-H Blog, 4-H Volunteer Voices, and updates in the program. We hope you'll enjoy seeing all the resources you need in one centralized location. In order to build this new section of the website, please send any recent stories of 4-H in the news in your community that you would like to share. You can email these stories to: fourhstateofc@ucdavis.edu.

NOVEMBER BIRTHDAYS

• ALLISON LUX • BETHANY BENTO • BRAYDEN STEIDLMAYER • COLE RUIZ • DUTCH KALFSBEEK • GARRETT BRAINARD • LANCE GWINNUP • LAUREN PERDUE • LEAH FERRARA • LYSETTE PARRA • MADELINE KOREGELOS • MARIAH GARCIA • MIKAELA DAFOE • RYAN WARD • SAM LUX • SYDNEY ERICKSON • TATUM MULQUEENEY • WYATT PERRY • YSABEL CHARTER •

STATE LEADERS' FORUM

- WHAT: California State 4-H Leader's Forum
- GREAT Speakers: Andrew Bosworth: former 4-H Diamond Star and Director of Engineering at facebook.
 - Carolee Hazard: community activist best known for her \$93 dollar club. She has raised thousands of dollars for charity through facebook.
 - Ralph Flynn: Silicon Valley businessman and motivational speaker who believes we can do anything, and you will believe it, too.
 - Workshops Galore: Communication workshops, beginning 4-H workshops, GPS and Technology workshops, Crafts, more, more, more!
 - The only conference for Volunteer leaders, put on by Volunteer leaders
 - Trainings, workshops, networking, fun!
 - Specific workshops in: Communications, webcasting, leadership, and much more
 - Community service, recreation, and surprises!
- WHEN: November 11, 12, 13, 2011
- WHERE: Asilomar, California (near Monterey)
- WHO: All adult volunteers are welcome
- many county councils sponsor 1st time attendees-- check with yours!
 - bring a friend
- HOW: Applications are on the California State Website
- download the registration form at <http://www.ca4h.org/Programs/Conferences/SLF/>
 - send it with a check to the address listed
 - contact Asilomar directly to reserve your room. (Let the conference grounds know you are part of SLF, and who you may want for a roommate, and they will happily take care of you!)
- THEME: The Magic of 4-H: Transformation – come and be transformed into an even better leader!
- DON'T FORGET:
- The Silent auction! Sign up to bring something fabulous
 - The Showcase: Have a special project, idea, or new field day that your county has done? Sign up first, then create a display for Merrill Hall.
 - The Beach!



NEW ONLINE RECORD BOOK

The 4-H program has a long history of record keeping. The focus reflects the importance of this life skill 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 iconic 4-H Record Book. In addition to record keeping, the 4-H Record Book gives members an opportunity to reflect on their year, measure their achievements and growth, and set goals, and develop plans to meet those goals.

Why have 4-H record books?

4-H Record Books serve a variety of purposes in the California 4-H Youth Development Program.

- 4-H Record Books give members an opportunity to reflect on their yearly work. They document their skill development and their learning experiences in a written report. 4-H members measure their achievements and growth in their total years in 4-H.
- 4-H Record Books encourage members to set goals, pursue strategies to meet those goals, and to shift gears in the face of challenges and obstacles. Completion of the Personal Development Report awards 4-H members for participation in 4-H activities, which provides an incentive for participation, learning, and achievement.
- Completing a 4-H Record Book is a process where 4-H members record project and club work. Records management (RM) is a competency skill to identify, create, classify, archive, and preserve records. The 4-H Record Book teaches 4-H members these skills through a standard format.

Not Required for 4-H Membership

4-H Record Books are not required for membership or for participation in 4-H activities such as club events and activities, or for attending 4-H camps or conferences. A 4-H Record Book may be required to receive participation awards (such as star ranking, medals or pins based on 4-H Record Book achievements).

Online Record Book at <http://www.ca4h.org/4hbook/>

Need help logging on? Read this document: [ORB Log-In Help Sheet](#)

Just Released on 10/18/11 - New Record Book Guide!!

Online Record Book Guide can be found here: [Online Record Book Guide v1](#)

Enrolled 4-H members and adult volunteer leaders may access the Online Record Book. The system uses 4hOnline enrollment data to pre-fill in club and project information.

The system will export the forms needed for submitting a hardcopy Record Book at the end of the year. So use the 4-H Online Record Book!

The 4-H Online Record Book:

- Has a social connection! It extends opportunities to stay connected to other club members and leaders online.
- Is a fun and interactive way to log 4-H activities and events.
- Is a more efficient way to keep Record Book information. No more worries about lost pages or misplaced work.

CARING FOR OUR WATERSHEDS CONTEST

By joining the *Caring for our Watersheds* program you take a stand for the environment. You join students from all over the world who want their voice to be heard. We all need to work together to ensure our watersheds are healthy.

- Answer the question: What can you do to improve your watershed? (Independently or as a team of no more than four). Identify an environmental concern that impacts your watershed.
- Come up with a realistic solution to address the concern.
- Research your idea and explain it in an approx. 1,000 word proposal (include visuals). Be creative!
- Proposal guidelines can be found at www.CaringForOurWatersheds.com
- Entries are judged on innovation, environmental impact, comprehensive scope, communication, budget, realistic solution and visuals.

You can win rewards for yourself and your school!

Contest entry deadline: February 2012 TBA

If you have any questions, please contact your local Program Coordinator: Beth Del Real, (530) 795-1544 or E-mail: beth@landbasedlearning.org.

WILLIAMS 2011-12 OFFICERS

Presidents: Makayla Freed

Vice Presidents: Rylee Coder

Secretary: Sydney Parson

Treasure: Allison Ward

4-H Flag: Ryan Ward

American Flag: Kory Parson

Sergeant at Arms: Oscar Colsa Valencia

Sergeant at Arms: Courtney Carter



RABBITS

Submitted by: Millie LaGrande

My rabbit had something cute – four baby rabbits. Their names are, Licorice (black), Fluffy (gray), DiDi (broken brown and white) and Froggie (broken black and white). The mother, Jewel, is a broken black and white also. I gave the babies to my cousins and my friends so they can have 4-H projects also.

COLUSA CLUB MEETING

Submitted by: Joe Hamilton

The Colusa 4-H Community meeting was held on Monday, October 10th, at 7:00 p.m. at Our Lady of Lourdes. We started by announcing all of the members who received awards at the County Awards Night on October 2nd. Colusa 4-H did pretty well. We had a few members earn their stars and quite a few winners for record books and proficiencies. The bowling group then handed out their awards for last year. Tatum Carrere got most improved and Blake Steidlmeyer got highest score. We had our ice breaker, which was comparing the sound of a nut inside a balloon to the sound of a penny inside of a balloon. It was an example of centrifugal force. Project announcements were made. We need leaders for several of our projects. Our canned food drive and Toys for Tots collections will start at next month's meeting. The November meeting is scheduled for Monday, November 14th, at 7:00 p.m. at Our Lady of Lourdes.

MAXWELL CLUB MEETING

Submitted by: Wyatt Perry, Maxwell Reporter

On October 5th, Maxwell 4-H held a monthly meeting. We started our wreath fundraiser and talked about leader certification. Everyone who didn't go to Achievement Night was told they can pick up their awards at the 4-H office. The Craft Expo will be held on November 5, 2011 at the fairgrounds. Our window display committee reported that they had a lot of fun putting together the window for National 4-H week. All in all it was a great night. Our next meeting will be on November 2, 2011 at 6:30pm.

MAXWELL JEWELRY PROJECT

Submitted by: Audrey Pearson

Today the jewelry project group, Maureen, Malloy and I, went on a field trip to Wal-Mart. We each purchased beads, pendants, and other jewelry making items to begin work on this year's projects. I am excited about the new project year and look forward to getting started on my jewelry at the next meeting.



WINDOW DISPLAY

Submitted by: Hannah Azevedo

During the last week of September we had two meetings to make our window display plans. The theme for National 4-H week this year is Join the Revolution of Responsibility. Our window display for Maxwell 4-H is located at Cy Hawkins Insurance on the corner of 99 & Maxwell Rd. We really put our minds to work to come up with a display that supported the theme. On October 3, 2011, we met and decorated the window. It was fun and we hope we have encouraged new members to join the fun that is offered in 4-H.

CARCASS CONTEST

Submitted by: Bailey Morrell

I attended the countywide carcass contest at the O'Connell Ranch in Colusa. They cooked a great BBQ hamburger dinner with all the fixings. Dan O'Connell did a drawing for scotch combs and halters. My name was drawn for a new halter. Josh Davey then went over the results of the carcass contest. Surprisingly the Supreme Champion steer was also the winner of the carcass contest. Mr. Davy told us that almost never happens. My steer was 4th in the Rib eye area which happens to be my favorite piece of meat. My steer was awarded a Carcass of Merit and placed 17th out of 47. I was very pleased with this as there are many factors that go into the carcass contest. All in all it was a lovely evening.

ACHIEVEMENT NIGHT

Submitted by: Bailey Morrell

On October 3rd I attended the Countywide Achievement Night. We were greeted by Maureen LaGrande and Taylor Perry for sign ins. We all got to put our names in a drawing which I later won a 4-H water bottle. We were all given an ice cream and the awards were then handed out year by year and actually went very fast. There weren't a lot of people there in attendance but I'm glad I went.



COLUSA BOWLING STRIKES AGAIN!!!

Submitted by: Charlie Laux



The Colusa Bowling Project Group held its first meeting at River Side Lanes in Colusa on October 11, 2011. First we divided into teams of five then we got our bowling shoes on, typed our names in the score keeping machine and then finally started to bowl. The competition was close and very exciting to watch and play as we drank our soda and munched on our fries. We expect our group to meet again on November 8, 2011 at 5:30.

TRASH COMMITTEE

Submitted by: Hannah Azevedo

Members are Chair Hannah Azevedo, Hollie Azevedo, Jillian Wilson, Taylor Perry, Wyatt Perry and Cody Detlefsen.

On September 9, 2011, Maxwell football team played their first home game against Colusa. The final score was 47-6 and Maxwell won! After the game we picked up lots of trash and recyclables. The field and bleachers were clean and look much better after the six of us took the time to make our school look clean.

Submitted by: Hollie Azevedo & Jillian Wilson

On September 23, 2011, I was the chair for the football trash committee. Including myself, twelve 4-H members helped pick up garbage from the football field. I enjoy helping our town stay clean. It took two large trash bags to clean up all the mess. The night we cleaned up the field was homecoming night. We hope our trash committee was a big help. Thank you.

STONYFORD CLUB MEETINGS

Held at Town Hall:

Friday, November 11, 2011 at 1:00pm
Sunday, December 4, 2011 at 4:00pm
Sunday, January 8, 2012 at 4:00pm
Sunday, February 5, 2012 at 4:00pm
Sunday, March 4, 2012 at 4:00pm
Sunday, April 15, 2012 at 4:00pm
Sunday, May 20, 2012 at 4:00pm

Held at the fairgrounds camp area:

Sunday, June 10, 2012 at 10am



FROM THE 4-H SCIENCE, ENGINEERING & TECHNOLOGY E-NEWS:

<http://www.ca4h.org/Projects/SET/>

2011 Experiment: **Wired for Wind**

In this year's experiment youth will enhance their engineering skills by designing, building, and testing two different wind turbine models. This year's National Science Experiment will also help youth relate their scientific experiences back to their own lives by determining the best location for a wind farm in their state or local area by calculating wind power and studying wind data and maps. More information and downloadable versions of the youth and facilitator's guides are available at <http://www.4-h.org/4-h-national-youth-science-day/>.



Come Join the Revolution of Responsibility! 2013 marks the centennial for 4-H in California and the 4-H YDP will celebrate by giving back to their communities with youth-designed, youth-led projects where participants learn leadership by actually leading, collaboration by forming relationships with other groups and agencies, and citizenship skills by actively seeking opportunities to make a difference in their communities. The Revolution of Responsibility will celebrate the power of youth taking action and will consolidate all the various funding programs that are provided by the State 4-H Office. Chartered 4-H clubs/units can apply for funding (up to \$1,000) to support service-learning projects related to either club or project activities. An on-line application is available at: <http://ucanr.org/join/>. The first deadline for applications is **October 15, 2011** with additional due dates of January 15 and April 15, 2012. For more information, check out the website at: <http://www.ca4h.org/Support/RofR/> or contact Pat English at: pnenglish@ucdavis.edu.

2011 Promise Neighborhoods Program – Through the U.S. Department of Education, grant opportunities for this program and applications have recently been made available. Grant recipients will be selected no later than **December 31, 2011**. For more information, visit: <http://www2.ed.gov/programs/promiseneighborhoods/index.html>.

California 4-H to Host Public Community Events – The 4-H National Youth Science Experiment is the perfect opportunity to promote 4-H to the community while sparking the interest of youth in learning more about 4-H science, engineering, and technology activities. 4-H Clubs and countywide 4-H projects/groups are encouraged to host a 4-H NYSD event at a public venue. More information on California's participation is available at <http://www.ca4h.org/Projects/SET/NYSD/>

AbilityOne Network Design Challenge

Deadline: April 20, 2012

http://www.instituteeforempowerment.org/index.php?option=com_content&view=section&id=12&Itemid=55

This challenge was established to encourage students to develop creative technological solutions that can empower people with disabilities to overcome barriers to employment. Students design, build, and test an assistive technology device for a person with a disability. The design challenge is a service learning opportunity for students in grades 9-12 in the High School Program or any college student or student team at the graduate or undergraduate level in the University Program that also enhances science, engineering and technology skills.

USA Science & Engineering Festival

April 27-29, 2012 in Washington, DC. <http://www.usasciencefestival.org/#>

This 2nd Festival will inspire the next generation of scientists and engineers with school programs and nationwide contests throughout the 2011/2012 school year and a finale Expo in Washington DC on April 27-29, 2012. The Expo is the nation's largest celebration of all things science & engineering and features over 1500 hands-on activities and over 75 performances.

DO SOMETHING GRANTS

Deadline: Weekly <http://www.dosomething.org/grants/FAQ>

A variety of Do Something Grants of \$250 are offered to youth each week. These community action grants help turn dream projects into a reality and take existing projects on a variety of issues to the next level. Past grantees have used the money to create a community-run organic farm, publish a youth-written literary magazine for women of color, and even create an organization that teaches sick kids how to fly.

FROM THE 4-H SCIENCE, ENGINEERING & TECHNOLOGY E-NEWS CONTINUED:

Cornell Lab of Ornithology Presents "Citizenship Science" <http://www.birds.cornell.edu/citscitoolkit/about/guiding-principles-for-this-site> An increasing number of informal science education projects have involved the public directly in the multifaceted and iterative processes of scientific research. This site combines several resources and projects based on user interests from experts in the field.

Science Buddies <http://sciencebuddies.org/>

Non-profit Science Buddies empowers K-12 students, parents, and teachers to quickly and easily find free project ideas and help in all areas of science from physics to food science and music to microbiology.

Science Friday <http://sciencefriday.com/>

Science Friday is a weekly science talk show, broadcast live over public radio stations nationwide from 2-4pm Eastern time as part of NPR's 'Talk of the Nation' programming. Each week, Science Friday focuses on science topics that are in the news and try to bring an educated, balanced discussion to bear on the scientific issues at hand. Podcasts are also available for download if you are unable to listen in during the original airing.

Our Peoples Garden Database <http://www.usda.gov/peoplesgarden>

Our Peoples Garden Database is now open to the public!

In order to add your garden to our database, you will need to follow 3 easy steps.

- 1) The first step is to submit your application on-line.
- 2) Second, request an eAuthentication from USDA. This should take about 10 minutes. Instructions on how to do this will be emailed to you once your application is approved.
- 3) Third, enter your garden in the database and share your story.

Understanding Science- Solar System Model http://www.understandingscience.org/lessons/scaling_solar_system.html

In this activity participants will construct a scale model of the solar system and calculate the appropriate diameter of the scale model planets and their distances from the sun. This lesson includes some discussion about the use of models in science specifically how models are used to visualize and understand things we cannot see.

Free Lesson Plans on Energy Efficiency and Renewable Energy

<http://energyworksmichigan.org/educational-resources>

Energy Works Michigan has just released free downloadable lesson plans on energy efficiency, solar energy, and wind energy. Their hands-on, inquiry-based lessons are targeted for upper elementary, middle school, and high school levels. The lessons challenge students to conduct classroom energy audits, interpret wind maps to assess potential wind turbine sites, power a radio using solar panels, and more!

Committee on the Public Understanding of Science (COPUS) <http://www.copusproject.org/>

This is a grassroots effort that builds connections that support a better understanding of the nature of science and its value to society. COPUS is built around three values: community, celebration, and promotion. COPUS catalyzes connections--locally, regionally, nationally--to people, resources, and programs.

Chris Greer
County Director

Liz Dawley
4-H Program Representative

The University of California) Division of Agriculture & Natural Resources (ANR) prohibits discrimination against or harassment of any person participating in any of ANR's programs or activities on the basis of race, color, national origin, religion, sex, gender identity, pregnancy (which includes pregnancy, childbirth, and medical conditions related to pregnancy or childbirth), physical or mental disability, medical condition (cancer-related or genetic characteristics), genetic information (including family medical history), ancestry, marital status, age, sexual orientation, citizenship, or service in the uniformed services (as defined by the Uniformed Services Employment and Reemployment Rights Act of 1994: *service in the uniformed services* includes membership, application for membership, performance of service, application for service, or obligation for service in the uniformed services) or any person in any of its programs or activities.

University policy also prohibits retaliation against any employee or person participating in any of ANR's programs or activities for bringing a complaint of discrimination or harassment pursuant to this policy. This policy is intended to be consistent with the provisions of applicable State and Federal laws.

Inquiries regarding the University's equal employment opportunity policies may be directed to Linda Marie Manton, Affirmative Action Contact, University of California, Davis, Agriculture and Natural Resources, One Shields Avenue, Davis, CA 95616, (530) 752-0495.