



# COLUSA COUNTY 4-H NEWS



**There are no club meetings in June and July. There will not be a July 4-H Newsletter. Have a fun and safe summer vacation!**

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## CALENDAR:

### JUNE 2011

- 5 Glenn County Horse Show, 8:00am, Glenn Co. Fairgrounds, Horse Arena
- 7 Still Exhibits received at Atwood Hall, 12:00 – 6:00pm
- 9-12 "Blue Jeans and Country Dreams" Colusa County Fair
- 13 Exhibits released, 8:00am – 1:00pm, Atwood Hall
- 14 Final Camp Staff Meeting, 5:30pm, CIP Conference Room
- 17 Due: Registration for State Leadership Conference
- 17-20 "Luau in Lassen" 4-H Camp, at Camp Tehama
- 17-21 California Focus, Sacramento
- 19-22 Del Mar Classic Horse Show in San Diego County
- 19-24 2011 Range Camp, Elkus Youth Ranch
- 24-25 Shooting Sports Workshop, Rifle Discipline, 8:00am – 5:00pm, Tulare
- 30 Deadline for proposals for WHY Conference

### JULY 2011

- 1 Due: Home Ec Tour & Super Presenter applications to 4-H Office, record books to Key Leaders
- 14 Livestock Judging Project Meeting, 6:30 – 8:30pm, CSU Chico Farm
- 14-31 California State Fair
- 28-31 "Oh, The Places You'll Go" State Leadership Conference, UC Davis

### AUG 2011

- 1 WHY Conference early bird registration due
- 10 Key Leader Dinner Meeting
- 13, 17 Livestock Judging Project Leaders Workshops, 9am – 1pm, CSU Chico Farm Classrooms
- 22 Colusa Club Meeting and Enrollment Night, 6:30pm, CIP Conference Room
- 26 Farm Bureau Golf Tournament

### SEPT 2011

- 21 Council Meeting, 6:30pm, CIP Conference Room
- 23-25 WHY Conference, Camp Masonite Navarro

## **JOSH BROWN – 2011/2012 COLUSA COUNTY ALL STAR**

Josh Brown of Maxwell 4-H Club was recently chosen to serve as the 2011-2012 Colusa County 4-H All Star. Josh, the son of Jim and Dawn Brown is a sophomore at Maxwell High School and will be a counselor at camp again this June.

This is what Josh says about his 4-H experience:

“In my seven years of 4-H club work I have been a Junior Leader in Foods, Leadership and Arts & Crafts. Most years I had two projects to help with. This is my first with only one project as a Teen Leader. I have always liked to be a junior leader because it has given many opportunities to help and encourage younger members.

Being in 4-H has helped me to become a better person. I have learned to be more patient and tolerant of people, both older and younger than myself. My social skills and public speaking have both improved over the years.

This is my third year as a camp counselor and I have a lot of fun at camp. I keep trying to get more members to participate. I have also participated in the Home Ec Review for many years. I have done foods, arts & crafts and table settings. When I make food items I have also entered and won in the commodity contest, almonds, beans and tomatoes.

This year our Hi 4-H group adopted a family for Christmas. I thought this was the best thing we could have done. The family had three small children and no money for food or gifts. Our group came together to buy them everything including a tree, decorations, food and gifts. We also fed the homeless in Colusa the Monday before Christmas. I helped my mom make a turkey and then I deliver it to Colusa.

I am the youngest of six siblings and have enjoyed 4-H before I became a member. I hope that I can encourage other members to take advantage of many of the programs 4-H has to offer.”

Josh’s first duties as All Star will be working at the Fair judging entries and presenting awards with his FFA counterpart at the awards assembly on June 12<sup>th</sup>. Be sure to introduce yourself to him at the Fair and congratulate him on his new role. Congratulations Josh!

## **STATE LEADERS’ FORUM**

The State Leaders Forum, 2011, to be held at Asilomar in Pacific Grove is now accepting your registration. The conference, November 11, 12, 13, is guaranteed to be packed with information, fun, friends, activities, and ideas. With the theme “4-H: The Magic of Transformation” you can be sure that there will be a few surprises, as well.

We are so excited about this conference that if you register before September 1<sup>st</sup>, we’ll give you a discount! You can find all the information at: [www.4h.org/Programs/Conferences/SLF/](http://www.4h.org/Programs/Conferences/SLF/). You simply have to 1) download the registration form 2) send it with a check to the address listed 3) 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!) All that’s left is to arrive at Asilomar in time for magic to begin. We can’t wait to see you! [WHY workshop proposal PDF](#)





## COLUSA COUNTY 4-H CAMP

June 16-20, 2011 – Staff, June 17-20, 2011 – Campers

“Luau in Lassen” is right around the corner.

The final camp planning/training meeting is: June 14<sup>th</sup> at 5:30pm in the CIP Conference Room.

### BUYER’S GIFT

The 4-H office has 4-H Cookbooks with recipes from 4-H volunteers, alumni and parents for sale. These are great buyer’s gifts to give away and are now half price and are sold for only \$5.00 each.

### CONGRATULATIONS TO OUR HIGH SCHOOL GRADUATING 4-HERS!

Kori Holbrook – Colusa 4-H  
Michelle Ahola – Colusa 4-H  
Ciera Green – Colusa 4-H  
Austin Alvernaz – Williams 4-H  
Drake Fusaro – Colusa 4-H  
Kelsey McKinley – Maxwell 4-H  
Kendall Vierra – Maxwell 4-H  
James Swiggum – Colusa 4-H

## COLUSA COUNTY FAIR HELP NEEDED

### Atwood Hall help is needed as follows:

Maxwell 4-H & Princeton 4-H: Accept entries, Tuesday, June 7<sup>th</sup>, Noon to 6:00pm. Two adults and two members from each club should be on duty at all times.

Colusa 4-H (1-2 adults): Check out 4-H Exhibits, Monday, June 13<sup>th</sup> - 8:00am to 1: 00pm.

All Clubs: Provide 1 clerk (non-swine parent/adults only) for judging, Wednesday, June 8<sup>th</sup>, beginning at 8:30 a.m. until finished (approximately 3:00 p.m.). Lunch will be provided for judges and clerks.

### Auction Luncheon help is needed as follows:

Arbuckle 4-H and FFA Chair: Provide workers for the auction luncheon.

4-H Sellers: Provide salads

FFA Sellers: Provide desserts



## FAIR NEWS

Trash Can Contest – Cans are now available for pick up at the east end of the horse barn. The best trash can in each specie barn will be awarded \$25.

Fair Parade Entry – the award is \$50 to the best 4-H entry in the parade. We want all 4-Hers not involved in other groups’ entries to promote 4-H and show others that 4-H is fun. Please wear a 4-H t-shirt or white shirt with 4-H tie/scarf and your hat. Jeans or shorts and comfortable walking shoes are recommended.

Educational Display – the award for the best educational display for each specie is \$25. The best overall will receive \$25 sponsored by Ray and Lois Lyons.

## HOME EC TOUR

This year's Home Ec Tour will be the third or fourth week of July, tentatively. Winners and alternates will be notified early in July. Last year's winners are encouraged to send in suggested tour ideas.

## 2011 STATE LEADERSHIP CONFERENCE

The theme is "Oh, The Places You'll Go"

Date: July 28 - 31, 2011

Place: UC Davis

Age: (Delegates) High school  
(Chaperones) 21 or older

Price: \$420 per participant

Register by **June 17, 2011** online at <http://ucce.ucdavis.edu/survey/survey.cfm?surveynumber=6257>

For information packet: <http://www.ca4h.org/files/84618.pdf>



## KEY LEADER DINNER MEETING

New and returning Key Leaders will enjoy a home cooked meal and a boxful of resources and training to prepare for the 2011-12 program year on Wednesday, August 10, 2011, 6:00pm in the CIP Conference Room. **RSVP by Monday, August 8<sup>th</sup>.**

## 2011 W.H.Y. CONFERENCE

The North Sectional 4-H W.H.Y. Conference will be held September 23-25 at Camp Masonite Navarro.

The theme is **4-H Keeps Your Engines Revvin' in 2011**. This annual event is for 4-H members, 6th

grade and older, and volunteer adult leaders to learn about leadership, citizenship, and life skills. The cost is \$65 for early bird registration, deadline August 1<sup>st</sup>, after that time the fee will be \$75.

**Workshop ideas:** The planning committee is looking for workshop ideas that are educational, fun, and challenging. Do you have an idea that you would like to share? For more information, please contact: Linda Edgington at 707-463-4495.



## GLENN COUNTY 4-H HORSE SHOW

Glenn County Fairgrounds, Horse Arena

Sunday, June 5, 2011

Sign-ups begin at 8:00am with the event starting at 8:30am. Entries will be taken day of event only. The entry fee is \$30 for all day or \$4.99 per class. For more information or entry form, please contact the Colusa 4-H Office.

### FREE 4-H WHITES AT THE 4-H OFFICE

There is a good supply of white pants and shirts at no cost to members to use for the fair. If you've outgrown yours from last year we'd be happy to add them to the supply. Our office hours are 8-5:00, Monday-Friday.

### COLUSA CLUB 1<sup>ST</sup> MEETING

The first meeting for the 2011/2012 4-H year will be August 22<sup>nd</sup>, 2011 beginning at 6:30pm in the CIP Conference Room (Short meeting and enrollment).

## **LIVESTOCK JUDGING PROJECT MEETING**

All livestock leaders, parents and youth from Butte, Sutter/Yuba, Glenn, Tehama, and Colusa counties are invited to attend a Livestock Judging Project orientation meeting scheduled for Thursday, July 14<sup>th</sup>, from 6:30pm – 8:30pm at the CSU Chico Farm. This event will showcase current and past collegiate livestock team members' demonstration of oral reasons on sheep, swine, and beef classes. These individuals will then discuss their livestock judging experiences as it relates to life and occupational skill development. Additional leader workshops for Livestock Judging Project Leaders at the CSU Chico Farm Classrooms are scheduled for Saturday, August 13<sup>th</sup>, from 9am – 1pm and Saturday, September 17<sup>th</sup>, from 9am – 1pm.

## **YOU'RE INVITED TO JOIN 4-H IN ANSWERING THE PRESIDENT'S CHALLENGE!**

As part of 4-H's involvement with the First Lady's "Let's Move!" campaign, 4-H National Headquarters has started a group to take the President's Challenge together—and you're invited to join us! The President's Challenge is for one million Americans to complete the Presidential Active Lifestyle Award (PALA). **4-H youth are answering this call by achieving 100,000 awards by September 2011.**

The Presidential Active Lifestyle Award recognizes individuals who log their recommended physical activity for six consecutive weeks, five days a week (minimum 60 minutes for youth, 30 minutes for adults). 4-H is making this goal a top priority. National 4-H Council and Kraft are offering incentives for 4-H counties to get the most youth in their county to achieve the award. Signing up for the 4-H group is simple. All you have to do is register. It's quick, and there's no cost to participate!

### **HOW TO JOIN**

- 1) Go to [www.presidentschallenge.org/natl4-H/](http://www.presidentschallenge.org/natl4-H/)
- 2) Fill out the registration form.
- 3) After registering, start logging your activities. As you log activities you'll be able to track your progress toward winning a President's Challenge Award or Medal.

## **4-H SHOOTING SPORTS WORKSHOP**

Rifle Discipline in Tulare, CA

Saturday, June 25, 2011 – 8:00 a.m. – 5:00 p.m.

Sunday, June 26, 2011 – 8:00 a.m. – 5:00 p.m.

A 4-H shooting sports workshop for the rifle discipline will be held at Rankin Field Range, 20000 Road 140 in Tulare. Participants must attend both days of training to receive certification. Upon successful completion of the course, the participant will be certified as a rifle trainer and can lead a rifle project at the club level or serve as county trainer to certify other leaders. There is no cost for the course. To register for the course or receive more information, contact John Borba at: [jaborba@ucdavis.edu](mailto:jaborba@ucdavis.edu) (This course is not open to 4-H leaders from Santa Cruz or Ventura Counties).

For information about the facility and a map, please visit the range website at:

[http://www.tcdsa.org/documents/rankin\\_field.htm](http://www.tcdsa.org/documents/rankin_field.htm)

## **FILM FEST 4-H**

FilmFest 4-H is a new event for youth ages 11-18 who are interested in learning more about filmmaking and the film industry. Young filmmakers can submit their work for screening consideration. Attendees of the Fest will be able to go to workshops and network among other film enthusiasts. You may submit until **June 1, 2011**, for a fee of \$15. More information is available at: <http://4h.missouri.edu/filmfest/>.

## **HELP STAFF THE 4-H BOOTH AT THE CALIFORNIA STATE FAIR!**

The California 4-H Foundation is recruiting 4-H members and leaders to help staff the 4-H booth at the California State Fair (**July 14 - July 31**). This is a great opportunity for 4-H members and volunteers to share their experiences as well as the wide range of projects and leadership opportunities that are available to youth through participation in the California 4-H Youth Development Program. We encourage you to bring small 4-H projects (robots, rabbits, arts/crafts, service dogs, etc.) to give the public a feel for the variety of experiences available to 4-H participants. Please feel free to bring photo albums or record books with you to share with visitors to our booth – these are a great way to showcase our amazing 4-H youth and volunteers. Parking passes and fair admission tickets will be provided to 4-H members and adults who sign up for a 2-hour shift. A maximum of 4 youth and 2 adults per shift will be allowed. Each shift must have two adults in the booth at all times. To sign-up, please visit <http://ucce.ucdavis.edu/survey/survey.cfm?surveynumber=6119>.

## **4-H HAT INFORMATION**

Achievement pins are fastened to the service stripes, starting with the first-year pin next to the 4-H clover. The All-Star pin should be fastened to the center of the All-Star emblem. Medals may be worn on either side of the cap, but not too many of them. No other pins or ribbons should be worn on the cap. The cap should reflect the dignity of 4-H Club work, and not be cheapened by fastening to it every emblem, award, and ribbon won by the wearer. Keep your cap clean, especially when you wear it with the full uniform.

## **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](mailto:fourhstateofc@ucdavis.edu).

## **2011 DEL MAR CLASSIC HORSE SHOW**

Del Mar Classic Horse Show is schedule for **June 19-22, 2011**, at the San Diego County Fair, Del Mar Fairgrounds. For show information please visit [www.schschorseshows.com](http://www.schschorseshows.com).

## **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](http://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.

## **RECORDBOOK FORMS**

For forms (Project Report Form, Personal Development Report, etc.) for your Recordbook, go to the State 4-H Website at: <http://www.ca4h.org/Resources/Publications/>.

## YOUTH SERVICE AMERICA OFFERS GRANT INFORMATION

For up-to-date information on available grants and award opportunities for youth, go to <http://www.ysa.org/grants>.

## JUNE BIRTHDAYS

• ALLISON COSTA • AMBER STINE • ANDREA ASCENCION • BRADEN KELLEY • BRANDON ALLARD • BRIDGET WALSH • BRYCE MURPHY • BRYCE PERRY • CODY MURPHY • CONNER LOVELACE • CONNOR MURPHY • FELIZ GONZALES • HANNAH BURGESS • HILARY BRAINARD • JACK MARSH • JENNA GODINEZ • LUKE WILLIAMS • MATTHEW PINGREY • MATTHEW REAMER • MATTHEW REYNA • MCKAY GREEN • MCKENZIE CARVALHO • MICHAEL GRIMMER • MORGAN DENNIS • MORGAN ERICKSON • SAMUEL AYALA • SHANE CALCAGNO • SHANE SASO • TRENT MENDENHALL • WADE TOWNSEND • ZANE LEONARD •

## MAXWELL 4-H CLUB REPORT

Submitted by: Maureen LaGrande

Wow! What a year! On May 4<sup>th</sup> the Maxwell 4-H Club held their last meeting and celebrated the event with a pizza party. We talked about whites exchange and were reminded that members could check for uniforms at the 4-H Office.

The Club will have its annual BBQ on Tuesday night of the Fair. Make sure to sign up if you are planning to attend. It is always lots of fun.

Officer elections were held so we will be ready to start the next 4-H year. The results are:

President – Taylor Perry

Vice President – Maureen LaGrande

Secretary – Nilah Pearson

Treasurer – Amber Stine

Reporter – Wyatt Perry

Historian – Audrey Pearson

Sergeant at arms – Theresa LaGrande & Cody Pearson

## CREAMY HONEY SESAME DIP FOR VEGETABLES

*Makes 1-1/3 cups*

- 3/4 cup nonfat mayonnaise
- 1/4 cup rice vinegar
- 1/4 cup honey
- 3 Tablespoons toasted sesame seeds
- 1 Tablespoon grated fresh ginger root
- 1 small garlic, minced
- 3/4 teaspoon oriental sesame oil
- 1/8 teaspoon crushed red pepper flakes
- Salt, to taste

Whisk together mayonnaise, vinegar and honey in small bowl. Add remaining ingredients; mix thoroughly. Dip may be stored tightly covered in refrigerator up to 1 week.

**Serving Suggestion:** Serve with assorted fresh vegetables.

**Serving Size:** 3-1/2 Tablespoons

**Nutrition:** 106 Calories \* 3 g Fat Total \* 1 g Protein \* 0 mg Cholesterol \* 19 g Carbohydrates \* 383 mg Sodium \* <1 g Dietary Fiber \* 25% Calories from Fat \*



## WEBINARS

I want to personally invite and encourage all staff and key volunteer leaders to participate in the June 8 and June 16 fundraising webinars. We in California had a hand in the development of the toolkit and the information shared is very relevant to local fundraising for all 4H programs, not only 4H Science. As budgets become more challenging we can partner to raise more local funding for programming, the more we become sustainable and less subject to governmental budget shortfalls. It is great information!

**Wed, June 8**  
3:00-4:30 EST

### **4-H Science Fund Development Toolkit Orientation**

If you missed the opportunity to learn about the 4-H Science Fund Development Toolkit earlier in the spring, now is your chance! Join us for a tour of this new resource and a discussion of how the toolkit can support your 4-H Science Fund Development work.

**Target Audience:** Professionals and volunteers interested in learning more about fund development

**Registration link:** <http://nationalfourhcouncil.adobeconnect.com/e56076149/event/>

**Thurs, June 16**  
2:30-4:00 EST

### **Raising Money for 4-H Science in Your Community**

This webinar has a focus on fundraising basics and strategies for developing your grass-roots fundraising channels for 4-H Science – local businesses, reaching out to parents, community leaders, etc.

**Target Audience:** State leaders, 4-H foundation board member and extension directors/administrators who are not currently a part of the 4-H Science Academy Fund Development Focus Team

**Registration link:** <http://nationalfourhcouncil.adobeconnect.com/e57267666/event/>

**Mon, June 20**  
2:00-3:00 EST

### **CYFERnetSEARCH.org: Interactive Tools for Enhancing Program Evaluation**

The CYFERnet Evaluation Team at the University of Arizona is proud to unveil the innovative and interactive features of the CYFERnet SEARCH website ([CYFERnetSEARCH.org](http://CYFERnetSEARCH.org)). The site includes resources designed to support and enhance program evaluation capacity and includes interactive tools such as online logic model and survey builders. Additional resources on the website include Interactive Learning Modules addressing a variety of evaluation topics and useful evaluation instruments that assess a wide variety of different construct areas. The website was developed to support the overall Children, Youth and Families At Risk (CYFAR) initiative, however it is also available to the general public.

**Target Audience:** Professionals interested in learning more about program evaluation

**Registration link:** <http://nationalfourhcouncil.adobeconnect.com/e43399614/event/>

**Mon, June 21**  
1:00-2:30 EST

### **Using Evaluation Data to Tell the Science Story for Fund Development**

One of the major assets of the 4-H youth development program is its evidence based approach to learning. This session will highlight ways you can translate 4-H Science evaluation and impact data into a powerful part of your case for support to donors.

**Target Audience:** Professional and volunteers interested in learning more about fund development

**Registration link:** <http://nationalfourhcouncil.adobeconnect.com/e77294470/event/>

**Thurs, June 23**  
1:00-2:00 EST

### **Communities of Practice: A Constructivist-Based Model of Professional Development in 4-H Science**

Educator professional development is most effective when it occurs within the context of authentic settings whereby educators work collaboratively to identify and address issues related to improving learning outcomes. Communities of practice are organized networks of peers within a profession and represent a model for situated professional development involving groups of educators working toward shared learning goals that arise through authentic practice. This webinar will look at the structure and function of communities and practice, their influence on educators' knowledge and skills, as well as their potential to help advance programming at the level of an organization.

**Target Audience:** Professional interested in learning more about Communities of Practice as they relate to professional development

**Registration link:** <http://nationalfourhcouncil.adobeconnect.com/e23623370/event/>



## **INFORMATION FROM THE STATE 4-H OFFICE:** <http://www.ca4h.org/News/>

The California 4-H Program is actively looking for **host families** for **Japanese** boys for a 1 month exchange this summer. Families with boys ages 10 – 15 can host a Japanese boy from July 22 to August 18. Please help to provide an international experience for a boy wishing to learn more about how an American family spends their summer. Tetsunori, Tomoya, Kensuke, or Shuma would be thrilled to spend time with your family. You can learn more by contacting Pat English at 530-754-8520 or [pnenglish@ucdavis.edu](mailto:pnenglish@ucdavis.edu) or on the web at: <http://www.ca4h.org/Projects/Citizenship/International>. In addition, past host families are available to share tips and their experience.

**State Leadership Conference Alumni Luncheon for former Diamond Stars and State Ambassadors and their advisors.** The State Ambassador program would like to invite all former Diamond Stars and State Ambassadors to a Lunch at UC Davis on August 1st. It is both a working lunch and a chance for past members to meet and see each other again. The retiring Ambassador team will present their year to a panel for discussion and the new Ambassador team will present their proposal for the next year. Please send your current address to Quang “Hogan” Tong at [qtong@ucdavis.edu](mailto:qtong@ucdavis.edu) so we can send you a formal invitation. We look forward to hearing from you.

Operation Military Kids and the 4-H Military Partnership Program are providing special opportunities for military youth this summer, for little or no fee. Military youth of all branches, ages 9-18, are invited to attend **Operation: Boots Off camp, July 22-23** at Naval Base Ventura. The objective of the Operation: Boots Off curriculum is to prepare kids for the return of their service member – a stressful time for any military family. Operation: Boots Off helps young people map out and implement individualized plans that will assist them in navigating the reunion and reintegration process in a meaningful and educational way. The cost for this camp is \$15. To register, visit: <http://ucanr.org/bootsoff>.

**The California Foundation for Agriculture in the Classroom is looking for volunteer support for San Francisco Farm Day on Oct. 20, 2011.** This event will include school garden demonstrations, among many others and allow approximately 10,000 students to participate in agriculture based activities in new ways. If you would like to help with this event, you can fill out the [online form](#) to be contacted with more information.

**COMING THE FALL OF 2011!!** The State 4-H Office will consolidate the Requests for Funding for Service-Learning, Healthy Living, SET, and Legacy into one application. Chartered 4-H clubs/units can apply for funding to support service-learning projects related to their project or club activities. Watch for the release of the online application by July 1. All applications will be due **October 15** with a limit of \$1,000 per application. Projects must have a service-learning emphasis and can be related to 4-H SET, healthy living, citizenship, leadership or project work with the goal of creating positive change in your community and increasing the visibility of 4-H. Contact Pat English for more information, [pnenglish@ucdavis.edu](mailto:pnenglish@ucdavis.edu).

**The 4-H State California 4-H Military Partnership Program** has received funding to support 92 special needs youth who have a loved one serving in the military to attend **Camp Ronald McDonald at Eagle Lake**, a fully accessible residential summer camp. Held August 7-12, the camp session will include traditional camping activities such as arts and crafts, hikes, fishing, canoeing, sports, swimming, talent show and campfires. The goal of the camp is to provide confidence-building experiences and programs that are designed to support each camper's individuality through the challenges of outdoor group living and teamwork in a supportive environment staffed by trained Program Specialists. For more information about this opportunity, contact Russ Hill, California 4-H Military Partnership Director, at (530) 304-8166 or at [rdhill@ucdavis.edu](mailto:rdhill@ucdavis.edu). To learn more about Camp Ronald McDonald and how you can help by serving as a cabin counselor or volunteer, please contact Vicky Flaig, Camp Director at (916) 734-4230 or [vicky@campronald.org](mailto:vicky@campronald.org).

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

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

**eGFI Designing a Green Rooftop Garden** <http://teachers.egfi-k12.org/design-a-green-rooftop-garden/>

Can rooftop gardens reduce the temperature inside and outside a building? In this activity, youth teams will design two model buildings — one with a green roof, with a traditional roof — from foam core board, tar paper, and sod, then use heat lamps and thermometers to model, measure, and graph the effects of green roofs on ambient and interior building temperatures. Then students analyze the data and determine whether the rooftop gardens are beneficial to the inhabitants.

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

### **2011 4-H National Youth Science Experiment - Wired for Wind**

During the month of October 2011 <http://www.4-h.org/4-h-national-youth-science-day/science-experiments-projects/>

The 2011 National Science Experiment is *Wired for Wind*, an in-depth look at renewable energy technologies in the form of wind-power. This three-tiered experiment will help 4-H young people to enhance their science, engineering, technology and applied math skills by allowing them to:

- Design, build and test two different wind turbine models,
- Experiment with variables by examining three different blade pitch angles to determine the effect of pitch on rotor speed,
- Relate their scientific experiences back to their own lives by determining how their communities can harness the power of wind and create a more sustainable and clean energy system, and
- Determine the best location for a potential wind farm in their state or local area by calculating wind power and studying wind data and maps.

### **From Education Week: A Special Report on Informal Science Education** <http://www.edweek.org/>

As concern mounts that U.S. students lack sufficient understanding of science and related fields, it has become increasingly clear that schools can't tackle the challenge alone. This special report explores the field often called "informal science education," which is gaining broader recognition for its role in helping young people acquire scientific knowledge and skills. Opportunities abound outside the classroom to learn about science, and to inspire a passion for it. Zoos and science museums, robotics clubs, science competitions, and online games are just a few of the options to engage American youths. *Education Week* reporters examine what informal science education looks like in practice, and what we know about its impact, its potential, and the challenges it faces.

### **Bio-Security in 4-H Animal Science**

[http://www.ca4h.org/Projects/Curriculum/FREE/Bio-Security\\_in\\_4-H\\_Animal\\_Science/](http://www.ca4h.org/Projects/Curriculum/FREE/Bio-Security_in_4-H_Animal_Science/)

Livestock shows are an important part of 4-H, but members need to be aware of the disease risks involved when stock from different farms come together in one place. This 3-part curriculum teaches principles and practices of livestock health safety.

### **Understanding Science- Solar System Model** [http://www.understandingscience.org/lessons/scaling\\_solar\\_system.html](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!

### **National 4-H Webinar Recording: "Engaging girls in science"**

<http://nationalfourhcouncil.adobeconnect.com/p81768010/> This 1:16 hour recorded webinar from April 2011 covered the topic of engaging girls in science.

### **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.

### **GIS (Geographic Information System)** <http://www.esri.com/industries/k-12/4-H/>

The 4-H GIS Program provides GIS and geospatial technologies to young people and qualified adults involved in 4-H programs. This multifaceted program is intended to help 4-H expand its current Science, Engineering and Technology (SET), Citizenship and Healthy Living programs by allowing users to be able to learn an emerging technology and use it to help benefit their community. 4-H members use the software to create maps to help solve a problem through spatial representation and analysis.

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

### **Animations and Videos Help Teach Earth Science** [http://www.iris.edu/hq/programs/education\\_and\\_outr...](http://www.iris.edu/hq/programs/education_and_outr...)

The seismology animations Web site is a project of Incorporated Research Institutions for Seismology (IRIS), with funding from the National Science Foundation. Each series of animations contains text, graphics, animations, and videos to help teach Earth Science fundamentals.

### **Cornell Lab of Ornithology Presents "Citizenship Science"** <http://www.birds.cornell.edu/citscitolkit/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.

### **2011 is International Year of Forests!** [http://www.plt.org/cms/pages/36\\_124\\_270.html](http://www.plt.org/cms/pages/36_124_270.html)

The United Nations designated 2011 as International Year of Forests to raise awareness of the importance of forests, and to promote forest conservation. Educators and students around the country can take advantage of this opportunity to use a Project Learning Tree activity, available online, to learn about, and celebrate, forests.

**Funding for 4-H Clubs and Projects:** The State 4-H Office will consolidate the Requests for Funding for Service-Learning, Healthy Living, SET, and Legacy into one application. Chartered 4-H clubs/units can apply for funding to support service-learning projects related to their project or club activities. Watch for the release of the online application by July 1. All applications will be due **October 15** with a limit of \$1,000 per application. Projects must have a service-learning emphasis and can be related to 4-H SET, healthy living, leadership or project work with the goal of increasing the visibility of 4-H. Contact Pat English for more information, [penglish@ucdavis.edu](mailto:penglish@ucdavis.edu).

### **California Focus**

June 17 – 21, 2011 in Sacramento

For 4-H Members age 14-19. \$485.00 for youth and \$590 for adults <http://www.ca4h.org/Projects/Citizenship/Focus/CF/>

In 2011, the topic will be social media and learning more about this current communication tool - how to use it effectively and safely, how to best utilize its power in a democracy. During this 5-day simulation, delegates will fill essential positions in their own government of Sierra Cascade and visit with elected officials and appointed staff from the legislative, executive, the judicial branches of government. Be a part of this legislative conference and see how SET is integral to every aspect of life, even in government!

**Chris Greer**  
County Director

**Liz Dawley**  
4-H Program Representative

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