STEM Institute slated June 29-30

Oklahoma 4-H’ers looking for something fun to do this summer need to look no further. Make plans now to attend the 4-H STEM Institute June 29-30 on the Oklahoma State University campus in Stillwater.

Jeff Sallee, OSU Cooperative Extension 4-H technology specialist, said counties are eligible to send a youth/adult team to take part in the science, technology, engineering and math institute that is geared toward research and addressing community issues relevant to youth development. 4-H’ers who participate must be at least 13 years old.

“The teams who attend will receive two days of raining in GIS/GPS, robotics, videography, digital photography or iGreen,” Sallee said. “In addition to learning about the specifics of these areas, the whole idea behind this institute is to get youth involved in doing educational programming at home. This is very much a youth-oriented project. They will take what they learn here at OSU and devise their own projects that meet the needs within their home counties.”

Each of these project areas is limited to about 30 participants so that everyone has the opportunity for in-depth learning.

Those who participate in the GIS/GPS project will utilize these systems to launch local community mapping projects that provide graphical maps to improve public understanding of community situations. Maps can improve the local community’s social, economic and environmental conditions.

“Not long ago a group of 4-H’ers mapped all of the illegal dump sites within the county and the information was used to help in the cleanup process,” Sallee said.

The iGreen project can address recycling and waste management issues in the county. In addition, 4-H’ers who choose this project can investigate alternative energy sources, put in a community garden or demonstrate water conservation practices.

“During the STEM Institute, club members who participate in the robotics project will design, assemble and program robots using LEGO technology,” he said. “Our ultimate goal is for these youth to return home and establish a robotics team in an effort to create technology awareness.”

In the videography component, 4-H’ers will explore the world of filmmaking and gain the skills and techniques to create movies. They also will have the opportunity to learn more about career opportunities within the field of filmmaking. While at the institute the group will develop a film geared toward Science, Engineering and Technology (SET) curriculum.

The digital photography project will provide participants with hands-on learning. Not only will they learn the basics, but they also will hone their skills. Components to be covered include lighting, flash and taking and editing digital photos.

An idea for a back-home project may be an historical photo display that could be housed at the courthouse or shared with local civic groups. Other ideas may address emergency preparedness, community awareness, recreation, disaster preparation for families or pets or other subjects that are relevant to youth.

“This institute is a wonderful opportunity for youth to partner with adults, learn new skills and go back home and share them with others,” Sallee said. “Because community service is such a large part of the philosophy of the Oklahoma 4-H program, I hope they will take what they’ve learned and discover how their efforts can impact society and initiate change within their communities.”

For more information about the 4-H STEM Institute, contact Sallee at 405-744-8885, or e-mail at jeff.sallee@okstate.edu
**DISTRICT 4-H HORSE SHOW**

All youth who are interested in competing at the NW District 4-H Horse Show should contact our office for a certification form. Certification form will be due back into the Extension Office by April 14th, 2010. (Certification form must be notarized)

Entry form for NW District Show along with ownership of horses and 4-H membership must be certified on or before May 1, 2010 and turned into our office by May 1st, 2010.

The NW District Show will be held **Saturday June 5, 2010** at the Play Pen Arena, southeast of Ponca City Ok. Horse Show rule books are not being printed this year, but a revised version is available online on the Oklahoma 4-H website.

[http://oklahoma4h.okstate.edu/](http://oklahoma4h.okstate.edu/) (under the literature tab online; click on Animal Science, search for “horse” then click on 2010 State & District 4-H Horse Show Rules.). A Policy Agreement/Release of Liability Form is required for all entries. This form requires both contestant and parent signatures which must also be notarized. More information may be obtained at the following link: [http://ucesokstate.edu/nwdistrict/4-h/4-h-event-information](http://ucesokstate.edu/nwdistrict/4-h/4-h-event-information)

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**DISCOVERY UNLIMITED**

**May 7-8, 2010** at St. Groves Camp, Stillwater.

Cost: $35.00

**Deadline to County office April 30, 2010.**

FIRST COME FIRST SERVE—SO GET YOUR ENTRY IN AS EARLY AS POSSIBLE TO GUARANTEE A SPOT!

General information, registration materials and a letter for chaperones can be accessed from the Oklahoma 4-H web site.

[http://oklahoma4h.okstate.edu/events/discovery.htm](http://oklahoma4h.okstate.edu/events/discovery.htm).

Included within the general information is a web address for Saints Groves Camp where directions to the camp can be obtained.

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**4-H FUNDRAISER**

Today, 4-H and all Tractor Supply Company Stores kicked off the TSC Paper Clover Campaign, a national in-store fundraising effort to benefit your local state, and national 4-H programming. Shoppers at TSC stores will have the opportunity to support your county 4-H program as well as state and national 4-H programs by purchasing paper clovers for just $1 or more at checkout. This fundraiser will run from Friday, March 26, through Sunday, April 18 at your local Tractor Supply Store!

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**JUNIOR ACHIEVEMENT TRIP**

Open to 4-H Members 9-13. Registration/Point sheet due by May 14th, 2010. Forms available at the Extension office or online at [http://uces.okstate.edu/kay/4h/activities](http://uces.okstate.edu/kay/4h/activities)

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**KAY COUNTY SPEECHES & DEMOS**

April 22, 2010 at Tonkawa High School at 6:00 p.m.

Pre-registration forms are due in the County Extension office by 4:00 p.m. on April 12. No entries will be taken over the phone. Forms available on our website at: [http://uces.okstate.edu/kay/kay](http://uces.okstate.edu/kay/kay)

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**TRI-COUNTY 4-H CAMP**

This year’s Tri County 4-H Camp will be held with Kay, Grant, and Alfalfa counties. Camp will be held **July 20-22, 2010** at the Lew Wentz Campgrounds in Ponca City. Watch future newsletters for more information.

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**LIVESTOCK CAMPS**

**BE A CHAMP SHOW CATTLE & LAMB CAMPS**

Warner, OK Phone: 918-463-2319

Email: beachamp@crosstel.net

**2010 DATES!**

**Cattle**
- **June 9-12, 2010**
- **June 30 - July 3, 2010**
- **July 16-18, 2010**

**Lamb**
- July 1-3, 2010
- July 16-18, 2010

**Camp Entertainment**
Dr. Bellow, the hypnotist, has entertained
Be A Champ
for over 15 years.

**Contact Information**
Jerry or Veda McPeak
918.463.2319
agletics@crosstel.net

These camps are designed for the youth to help
them have expert showmanship, grooming and
fitting skills. We teach up to the minute techniques
on showing, feeding, grooming and fitting. There
are five different camps for you to choose from.
Information and application form are available on
their website:

**OSU LIVESTOCK JUDGING CAMP 2010**

Session 1- July 5-7
Session 2- July 8-10
Registration Packet:
http://www.ansi.okstate.edu/outreach-
extension/uploaded_files/4-h-

**STATEWIDE 4-H HORSE CAMP**
**MAY 29-31, 2010**

**MORE INFORMATION WILL FOLLOW IN THE MAY NEWSLETTER!**

**2010 STATE PARENT-VOLUNTEER**
**CONFERENCE**
**JULY 17, 2010 IN STILLWATER OK.**

Conference objectives are:

- Enlighten parents and volunteers to the
diverse 4-H experiences and opportunities
which develop capable youth.
- Encourage parents and volunteers to
establish and nurture a support network with
fellow volunteers, county, district and state
extension staff, district officers, state
ambassadors and state council members.
- Education through information literacy
develops capable and confident project
leaders, committee members, club leaders,
parents, leadership teams, as well as club
and county programs.
- Enjoying our opportunities to work with
youth while learning and growing as a 4-H
volunteer.

Information and forms available at:
http://oklahoma4h.okstate.edu/volun/eduopp.htm.

**2010 BIG THREE FIELD DAYS**
**JULY 20-22**
STATE 4-H ROUNDUP

The 89th State 4-H Roundup will be held July 28-30, 2010 on the campus of Oklahoma State University in Stillwater. Roundup is the state contest for Oklahoma 4-H members. Contests are held for a number of events to determine state champions, election of state leadership team, motivational speakers, dances, stay up late and get up early. 4-H’ers must be 13 years old by January 1, 2010 to attend. The roundup point qualification form is available on our county website or may be picked up from the Extension office. Registration form and fee deadline will be in early June. Please watch newsletters for more information. All information is available at: http://oklahoma4h.okstate.edu/events/roundup.htm

TRACTOR DRIVING CLASS

April 12-16, (4:00 – 8:00 p.m.)
Courthouse Basement,
Newkirk
Cost-$30
This (25 Hour Class) course is designed to meet labor requirements for youth that are 14 and 15 years old and will be employed on a farm outside their family business. Starting and Stopping Your Tractor, Tractor Safety on the Highway, Safe Use of Farm Machinery, The Instrumental Panel, Daily Maintenance & Safety Check, Tractor Safety on the Farm, Hitches, PTO & Hydraulic Controls. Registration is due into the Extension Office by April 6th, 2010. Registration was in previous month’s newsletter or online: http://oces.okstate.edu/kay

NEWS YOU CAN USE

Kay County is making all the county newsletters available by email. You can now receive your Agriculture, 4-H, SOF, Daycare or OHCE newsletter by email rather than by postal mail. We are asking that you send an email to the extension office if you want to start receiving your newsletter by email or if you would like to simply view the newsletters on our website only. The email address is kay.oces@okstate.edu and our website is http://oces.okstate.edu/kay

Kay County 4-H now has a Facebook Fan-Page. Becoming a fan of our page will allow you to see pictures and share information about any upcoming 4-H events and community happenings. If you have a Facebook account go to search and just type in Kay County 4-H. We are excited about this new method of communication and if you have any questions or concerns just give us a call at the Extension Office.

CONGRATULATIONS TO THE KAY COUNTY BREAD SHOW WINNERS

Junior Division (9-11)
White Bread-Loaf-1st Place-Karsten Blevins, Kay County Moutines  Cinnamon Rolls-1st Place-MacKinzie Overman, Ok Okies 2nd Place-Karsten Blevins, Kay County Moutiones. Dinner Rolls-1st Place-Karsten Blevins, Kay County Moutiones  Yeast Bread-1st place Karsten Blevins, Kay County Moutiones, Specialty Shape-1st Place, Karsten Blevins, Kay County Moutiones. Muffins-1st Place-MacKinzie Overman, Ok Okies  Loaf Quick Bread-1st Place-MacKinzie Overman, Ok Okies

Intermediate Division (12-14)
White Bread—Loaf—1st Place-Carissa Blevins, 2nd Place- Baillee Sweeney, both of Kay County Moutiones. Cinnamon Rolls-1st Place-Carissa Blevins, Kay County Moutiones. Dinner Rolls-1st Place-Kristen Simuneck, Ok Okies, 2nd Place-Carissa Blevins, Kay County Moutiones. Yeast Bread-1st Place-Carissa Blevins, Kay County Moutiones. Specialty Shape-1st Place-Carissa Blevins, Kay County Moutiones. Loaf Quick Bread-1st Place, Carissa Blevins, Kay County Moutiones.

Senior Division (15 and over)
This event will be held at the Family Life Center @ the Central Baptist Church, located at 1732 E. Coleman Rd. For more information contact Cynthia Blevins at 765-3602 or 832-715-1558. Registration will begin at 5:30 p.m. Forms available online: http://oces.okstate.edu/kay

**Fashion Review/Clothing Construction and Impressive Dress**

**May 6th, 2010 at 6 p.m.**

Classes Available Age 9-11:
- Chef or work apron (pattern provided)
- Decorated ready made shirt
- Laundry bag (pattern provided)
- Pillowcase (1) (pattern provided)
- Tote bag (pattern provided)
- Skirt with elastic waist
- Shorts with elastic waist
- Simple two-piece active sportswear (no collars, no set-in sleeves)
- Simple 1-piece dress
- Simple curtains
- Item or Simple garment made of popular fleece

Classes Age 12-14:
- Sleepwear (bathrobe, gown, or pajamas) with elastic waist
- Top with coordinating bottom (with elastic waist/waistband)
- One-piece dress or jumpsuit
- Two-piece garment
- Recycled garment (need BEFORE pictures)
- Two-piece garment using one of the techniques
  - From the Intermediate Level Sample Notebook
  - Attach a 3” x 5” card indicating technique
- Pull-on top and coordinating bottom with elastic waist (shorts, pants or skirt)
- Blanket with binding (can be for human or animal)
- Shorts, pants, skirt or culottes with waistband
- Item made of Polar Fleece
- One-piece garment using one of the techniques from the Intermediate Level Sample Notebook. Attach a 3” x 5” card indicating techniques used.

**Fashion Review/Clothing Construction**

Any non-clothing item using one of the techniques from the Intermediate Level Sample Notebook. Attach a 3” x 5” card indicating techniques used.

**Classes Age 15 & up:**
- Special activity garment – i.e. biking, aerobics, swimwear
- Two-piece ensemble using one of the techniques from the Advances Sample Notebook
- Lined skirt, pants, or jacket
- Unlined raincoat, poncho or slicker using fabric suitable for rainwear such as rip stop nylon, scotch guard poplin
- Unlined garment – 1 or 2 pieces using two techniques from Advanced Sample Notebook
- Coat - lined or unlined
- Lined suit or dress
- Special occasion garment - i.e., prom dress, English riding habit, etc.
- Item or garment from specialty fabric such as leather, ultra suede, fur, Gore-tex
- Item made with Polar Fleece

**The 4-H Impressive Dress:**

Program teaches members to:
- Select fashionable garments suitable for specific occasions.
- Select garments and accessories to enhance body type and personal coloring.
- Build a clothing wardrobe that is suitable to individual lifestyle and needs.
- Recognize and wear properly fitted clothes.
- Practice good grooming and good posture to enhance personal appearance.
- Develop self-confidence and poise while dressing right for the occasion.

**General Rules:**
- Garments may be selected from present wardrobe or home sewn.
- 4-H members may enter no more than 3 classes and may model only one garment in the fashion show.
- Contestants may be asked simple questions about their garments (i.e. Where do you wear your outfit? How do you clean your garment?)

Divisions: (Age as of January 1st of the current year.)
- Male and female division in each age group.
- Cloverbud 5-8 years old
- Junior: 9-11 years old
- Intermediate: 12-14 years old
- Senior: 15 and older
- Classes: Each division has the following classes:
Much of this chaos has evolved out of the misguided belief that children must be entertained or "stimulated" each and every millisecond of each and every day. While pop psychologists may think this is wise, the rest of us ought to know better. Kids who never have an opportunity to rest, relax and get a bit bored, come to believe that life and relationships should always be exciting and fun. They also miss opportunities to develop creativity and problem-solving skills.

If you answer "yes" to any of the following statements, you and your kids probably suffer from OSD:

♥ You're completely worn out from trying to help your kids participate in all of your activities.

♥ Your kids appear anxious, irritable, stressed, exhausted or hyperactive.

♥ Your kids don't have enough time to contribute to the family by doing their chores.

♥ Your kids complain about being bored any time they aren't being entertained.

Although there's no medicinal cure for OSD, we can protect our families by giving ourselves permission to say "no" to too many activities. If you have any sense that your kids are overscheduled, trust your intuition.

**Monsanto—America's Farmer**

**BEHIND EVERY AMERICAN FARM FAMILY IS THE BACKBONE OF THE OPERATION: THE AMERICAN FARM MOM**

Tell us in 300 words or less how your farm mom embodies the caring, values and hard work that make up the family farm way of life. You can even nominate yourself. (Why not? You do everything else.) There will be five regional winners of $5,000 each. All five will be posted online at the website below. Here is where voting will determine one national winner of an additional $2,500.

Nominations end **April 9, 2010**. You may nominate online at: [http://www.monsanto.com/americasfarmers/moms/default.asp](http://www.monsanto.com/americasfarmers/moms/default.asp)
HAPPY EASTER!

Speech and Demos

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APRIL
1  4-H Ambassador Applications Due
2  Holiday-Kay County Extension Office Closed
6  Registration due Tractor Driving School
9  Monsanta-Scholarship Due
12 Pre-registration due for Speeches & Demos
12-16 Tractor Driving School
14 Horse Certification Due into County Office
22 Speeches & Demos
26 PLO/Teen Leader Meeting
30 Discovery Registration Due

MAY
1  NW District Horse Show Entry form Due
6  Fashion Review/Impressive Dress Show
7-8 Discovery Unlimited
14 4-H Roundup qualifications Due
    Jr. Achievement Trip/Point Sheet Due

This newsletter is one way of communicating educational information to county 4-H volunteers and others interested in youth of the county. For subscription information, contact your local County Extension office at 362-3194. Email: kay.oeces@okstate.edu The information given herein is for educational purposes only. Reference to commercial products or trade names is made with the understanding that no discrimination is intended and no endorsement by the Oklahoma Cooperative Extension Service is implied. Work in Agriculture and Rural Development, youth development, home economics and related fields. Oklahoma Cooperative Extension Service Offers its programs to all eligible persons regardless of race, color, national origin, religion, gender, age, disability or status as a veteran and is an Equal Opportunity Employer. This information was produced at a cost of 1 cent per page for a total cost of 6 cents.

Editor, Larry Klumpp, Extension Educator, 4-H Youth Development

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