

General Youth Events

*Tentative dates

January 16, 2012

[National Day of Service](#)

January 16, 2012

[DataStreme Earth's Climate System](#)

course begins

January 28, 2012

Rodeo Queens Event at the Black Hills

Stock Show

February 26, 2012

[SDSU Block and Bridle Club's Jackrabbit Classic](#)

Brookings, SD

March 23, 2012

[58th Annual Eastern South Dakota](#)

[Science and Engineering Fair](#),

South Dakota State University,

Brookings, SD

April 14, 2012

[51st Annual Resource Conservation](#)

[Speech Contest Finals](#), Pierre, SD

May 12, 2012

[Team America Rocketry Challenge](#)

(TARC), Washington, D.C.

Deadlines

January 12, 2012

[NCR-SARE](#) Youth/Youth Educator grant

proposals due

January 13, 2012

[Sioux Empire Farm Show Livestock](#)

[Judging Contest](#) registrations due

January 17, 2012

[Sodexo Youth Grants](#) applications due

January 25, 2012

[State Farm Good Neighbor Scholarship](#)

due

January 27, 2012

[RealWorld-InWorld](#) entries due

February 1, 2012

[South Dakota State Park Summer](#)

[Internship](#) applications due

February 6, 2012

[SDSU Block and Bridle Club's Jackrabbit](#)

[Classic](#) entries due

February 17, 2012

[National Youth Science Camp](#)

applications due

March 1, 2012

Upload [Kavli Science & Engineering](#)

[Video Contest](#) entry

March 12, 2012

[STEM Challenge Video Game Contest](#)

entries due

March 15, 2012

[2012 Youth Scholarship Program](#)

applications due

April 20, 2012

[Agronomy and Entomology Scholarship](#)

application due

State 4-H Office

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South Dakota State University

Brookings, SD 57007-2097

Phone: 605 688-4167

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BREAKING NEWS!

Beef Skill-a-Thon Results (Megan Nielson)

Thirty South Dakota youth from 10 different counties competed in the first annual Beef Skill-a-Thon at the Davison County Winter Beef Show on December 29, 2011 in Mitchell, SD. Youth tested their knowledge of beef selection, meat identification, quality assurance, nutrition management, and calving problem solving scenarios.

Top Beginners were:

- First Place: Logan Schlim, Miner
- Second Place: Maesa Dvorak, Charles Mix
- Third Place: Nalea Dunsomre, Jerauld
- Fourth Place: Clay Jorgensen, Davison
- Fifth Place: Abby Conner, Miner

Top Juniors were:

- First Place: Sydney Dvorak, Charles Mix
- Second Place: Jonathan Olthoff, Hanson
- Third Place: Kera Kaufman, Douglas
- Fourth Place: Hanna Peterson, Miner
- Fifth Place: Ty Mogck, Hutchinson

Top Seniors were:

- First Place: Gramm Johnson, Davison
- Second Place: Justin Montagne, Union
- Third Place: Christy Mogck, Hutchinson
- Fourth Place: Colin Geppert, Brule
- Fifth Place: Kaley Nolz, Davison



The Beef Skill-a-Thon, sponsored by SDSU Extension, marked the beginning of a new program offered to youth in the livestock project. Skill-a-Thons recognize youths' talents and skill levels within their livestock project beyond the show ring. SDSU Extension has also added Skill-a-Thons to the 2012 South Dakota State Fair 4-H Shows.

For more information about the Skill-a-Thons, contact 4-H Youth Livestock Field Specialist, Megan Nielson at megan.nielson@sdstate.edu.

Register for STEM Curriculum Professional Development Webinars (Kathryn Reeves)

The [South Dakota Discovery Center](#) is offering many STEM curriculum professional development opportunities for all educators. These highly interactive online professional development webinars are presented by NASA educators and are one hour. The dates and times are varied so that participants will have a greater opportunity to take part in these courses. Times listed are Central Time. There is no charge for these online courses. More sessions are scheduled for February. Below is the upcoming schedule and topics:

- Tuesday, January 17, 7:00 p.m., CT – *Rockets an Encore* with Kat Balch
- Wednesday, January 18, 8:00 p.m., CT – *Solar System* with Rachelle Oblack
- Tuesday, January 31, 10:00 a.m., CT – *Robotics* with Wendi Laurence
- Wednesday, February 1, 7:30 p.m., CT – *Robotics* with Wendi Laurence

Click [here](#) for more information.



DataStreme Earth's Climate System Course Begins January 16 *(Kathryn Reeves)*

The American Meteorological Society, with support from NASA and in partnership with the State University of New York's College at Brockport, is developing a national cadre of K – 12 teachers highly trained in climate science and familiar with climate modeling. Teachers are trained through DataStreme Earth's Climate System (ECS), a semester-long, graduate level, precollege teacher professional development course.



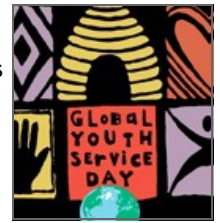
DataStreme ECS uses NASA Earth Observing System data and visualizations, to introduce the Educational Global Climate Modeling developed by the NASA Goddard Institute for Space Studies. Teachers who complete the course construct and execute a plan of action to advance public climate science literacy and affect curriculum change within their local schools and districts.

DataStreme ECS is administered through Local Implementation Teams across the country. The course is FREE to all participants, and the teachers are awarded three graduate credits upon successful completion of the course.

The spring 2012 course begins January 16, 2012. Click [here](#) for more information or an application. If you have any questions, please contact amsedu@ametsoc.org.

Apply for Sodexo Youth Grants by January 17

Youth Service America (YSA) will award 100 Sodexo Youth Grants of \$500 to support youth-led service projects that address the issue of childhood hunger on [Global Youth Service Day](#), April 20 – 22, 2012. YSA is looking for projects that engage youth, families and community members in creative youth-led projects to end childhood hunger in communities across America. Applicants are encouraged to begin the application process by taking an [eligibility quiz](#). Applications are due by midnight on January 17.



Click [here](#) for more information and the application.

RealWorld-InWorld Entries Due January 27 *(Kathryn Reeves)*

RealWorld-InWorld (RWIW) is NASA's engineering design challenge. The activity encourages students in grades 7 – 12 to explore and build skills essential for successful science, technology, engineering and mathematics, or STEM, careers through a RealWorld (face-to-face) and an InWorld (unique online virtual reality) phase of project-based learning and team competition.



RealWorld (Phase 1): Teams of middle- and highschool-aged students, with support of their sponsoring adult, work collaboratively as engineers and scientists to explore and design solutions related to the James Webb Space Telescope and Robonaut 2.

NOTE: Teams can complete RealWorld Phase 1 in about two weeks. Phase 1 must be complete by January 27, 2012 to be considered to move into the InWorld phase.

Submitted final project solutions will be featured on the RWIW website, and teams will receive recognition for their work once they complete the RealWorld challenge and InWorld registration.

To learn more about the challenge and to register for online resources for this FREE and flexible project, visit www.nasarealworldinworld.org.

Register for the 2012 Jackrabbit Classic by February 6 *(Rodney Geppert)*

The SDSU Block and Bridle Club's 2012 Jackrabbit Classic, a [South Dakota Junior Point Sanctioned Show](#), is scheduled for February 26, 2012 at 9:00 a.m. at the Swiftel Center in Brookings, SD.

The per head fee is \$25 (no refunds) before February 6. Registration is \$35 per head after February 6.

Prizes include:

- \$1000 Champion Heifer
- \$750 Champion Steer
- \$500 Reserve Heifer
- \$500 Reserve Steer

Check In:

- Friday, February 24, 7:00 – 9:00 p.m.
- Saturday, February 25, 7:00 – 10:00 a.m.
- Sunday, February 26, 6:30 – 7:30 a.m.



Youth will show steers according to hip height and heifers according to age. All animals shown by breed must be accompanied by proper registration papers. Generators are encouraged and Health Papers are required.

Click [here](#) for entry forms. Mail entries to:

SDSU Block and Bridle
Animals Science Complex
Box 2170
Brookings, SD 57007

If you have any questions, please contact Taylor Geppert at 605-680-9504 or taylor.geppert@jacks.sdstate.edu or Brit Kaufman at 605-480-1038 or bjkaufman@jacks.sdstate.edu.

Apply for the National Youth Science Camp by February 17 *(Karelyn Farrand)*

The South Dakota Department of Education is accepting applications for high school students to attend the [National Youth Science Camp \(NYSC\)](#) in West Virginia this summer. Two high school seniors from each state will be selected to attend the NYSC from June 27 to July 21.



The NYSC is an all-expenses-paid program. The [National Youth Science Foundation](#) will arrange round trip transportation from an airport near the delegate's home to Charleston, West Virginia. Incidental expenses are not covered. Alternate travel arrangements are possible. Please contact the [NYSEF](#) for restrictions and requirements.

Applicants must:

- Be candidates for high school graduation between July 1, 2011, and June 30, 2012
- Demonstrate superior academic proficiency, including recognition in mathematics and/or the sciences
- Demonstrate an application of leadership abilities and social maturity through involvement in both school and community activities
- Demonstrate skills and achievements outside the realm of science and outside the realm of academic pursuits
- Demonstrate a curiosity and an eagerness to explore many and varied topics.

Applications are available at www.nysc.org and must be submitted to South Dakota's State Selection Coordinator, Sam Shaw, by February 17.

Sam Shaw
South Dakota Department of Education
MacKay Building
800 Governor's Drive
Pierre, SD 57501-2291

For more information, contact Sam Shaw at the Education Department at 605-773-5229 or sam.shaw@state.sd.us.

Apply for the 2012 Youth Scholarship by March 15

Young people, who are cancer patients or survivors, are invited to apply for the [2012 Youth Scholarship Program](#). Any South Dakota resident who was diagnosed with cancer before age 21 and is currently under the age of 25 and has been accepted to an accredited two- or four-year institution is eligible to apply.

The American Cancer Society Youth Scholarship Program Volunteer Review Committee selects scholarship recipients on the basis of their commitment to academic or vocational goals, current financial need, leadership, and community service. Preference will be given to first-time scholarship applicants.

Application Process:

1. Complete all sections of the application form (including physician verification statement), to ensure appropriate review and rating.
2. Enclose one letter of recommendation from a school, business or medical professional.
3. Complete the essay (see application form).
4. Include a recent individual photo (no photocopies, please).

Send the completed [application](#) to:
American Cancer Society, Midwest Division
Attn: Youth Scholarship Program
8317 Elderberry Rd
Madison, WI 53717-2603

Email: tiffany.carlson@cancer.org



Apply for a Weed Fighter's Scholarship by April 20 *(Andrea Klein)*

A \$1000 scholarship is available to South Dakota residents who are citizens of the U.S. and post-secondary students who have completed at least 12 credits in agronomy or entomology at a state college, university or technical school. Students can pick up applications at South Dakota post-secondary schools or click [here](#) to review and download the application. Applications are due by April 20, 2012.



If you have any questions, contact Gary Pribyl at 605-883-4922 or 605-354-1989 or gpribyl@santel.net .

Recycle Extra and Unwanted Rossette Award Ribbons

[Ribbon Recycling](#) collects new and used show ribbons in good condition from donors, and distributes them to therapeutic riding facilities and other therapy programs such as the [Professional Association of Therapeutic Horsemanship International \(PATH\)](#). Many such facilities are unable to afford their own ribbons. Without donations, their riders and participants might never experience the joy of getting one.

To donate to Ribbon Recycling, visit <http://ribbonrecycling.com/>. For more information contact:
Sue M. Copeland
4802 Hunterwood Circle
Richmond, TX 77406-7636
Phone: 281-342-0960
Email: sue@ribbonrecycling.com



UPCOMING EVENTS & DEADLINES

Join the Martin Luther King, Jr. National Day of Service on January 16 *(Marilyn Rassmusen)*

Youth and adults across the nation are urged to participate in the National Day of Service honoring the 25th anniversary of the Martin Luther King, Jr. Holiday. Monday, January 16, is a day on which the Federal government honors Martin Luther King, Jr. and since 1994, has designated the day as a "day on, not a day off." 4-H Clubs are encouraged to join the national effort and either join or organize a day of service in their communities.



For more information about the National Day of Service or to find a project to join, visit <http://mlkday.gov/>.

SDUS Extension and Local Charities Establish "Partners Against Hunger"

SDSU Extension partnered with local charities and governmental agencies to establish Partners Against Hunger, a nonprofit organization whose mission is; "Strengthening and uniting communities that all may be fed." One of Partners Against Hunger's bold goals is to make healthy food accessible to everyone in South Dakota by 2015.

The next meeting of [Partners Against Hunger](#) will be January 24 from 10:30 a.m. – 2:30 p.m. at South Dakota Housing Development in Pierre, S.D. Those interested in attending should contact Karen Rollag at South Dakota Synod, ELCA, 605-212-5441, or krollag@sdsynod.org.



The State 4-H Office encourages local 4-H Clubs to consider making "Partners Against Hunger" their local service project.

To view full Press Release, visit www.iGrow.org.

Rodeo Queens, Jr. Queens and Princesses Event on January 28

All rodeo Queens, Jr. Queens, and Princesses are invited to the Queen Corral at the 2012 Black Hills Stock Show in Rapid City on January 28 from 8:30 – 10:00 a.m. This will be near the Crystalyx BioBarrel Sale Ring right before the World's Smallest Rodeo. The event will be hosted by 2011 Jr. Miss Rodeo South Dakota, Kay Marrs. Bring your autograph sheets and your smiles!

For more information, call 605-269-2204 or email 5blackcow@blackhills.com



Apply for Summer Internships with the SD Game, Fish and Parks by February 1

Applications for South Dakota Game Fish & Parks (SD GFP) summer internships have opened. SD GFP is looking for college students studying park/land management, fisheries and marketing. It's a great way to build your experience, meet people in your career field, and get paid! Check out the 2012 internship positions on the [South Dakota Internship Program](#) web page.



Enter the 2012 Kavli Science & Engineering Video Contest by March 1

To enter the [Kavli Science & Engineering Video Contest](#), individual students or groups (from grades 6 – 12 schools, home school networks, afterschool programs, science clubs, or any other youth organization), should upload a 30- to 90-second video to [SchoolTube.com](#) through midnight on March 1, 2012, on this theme, “Save the World Through Science and Engineering.”



Here are the prizes:

- **First:** \$2,000 and a stipend to travel to Washington, D.C., for the [2nd USA Science & Engineering Festival](#), April 28 – 29, 2012
- **Second:** \$750
- **Third:** \$500
- **People’s Choice:** \$250
- **Additional Prizes:** Individual student licenses for [Wolfram Mathematics Software](#)

Enter the 2012 National STEM Video Game Challenge by March 12

The 2012 National STEM Video Game Challenge is underway. The Challenge was launched in partnership with Digital Promise, a new initiative created by President Obama and Congress and supported through the Department of Education. The initiative is designed to unlock the promise of breakthrough technologies to transform teaching and learning.



The STEM Video Game Challenge is open to students and game designers in four levels: middle school, high school, college and graduate students, and educators. Students and designers may enter the contest as an individual or a team (up to four people). Winners will receive an AMD–powered laptop computer with game design and education software. Winning entries will earn a \$2,000 award for their school or the non profit organization of their choice.

Entrants have until March 12, 2012 to submit their ideas and games. Visit [stemchallenge.org](#) for more information or to enter the contest.

Participate in the SDSU Science and Engineering Fair on March 23

South Dakota State University (SDSU) is hosting the 58th Annual Eastern South Dakota Science and Engineering Fair (ESDSEF) on Friday, March 23, 2012, in the Stanley J. Marshall HPER Center.

Approximately 550 students in grades 6 – 12, from 15 Counties in South Dakota and Iowa are expected to compete for more than [\\$7,000 in prizes](#) from SDSU and community organizations. The grand champions win an all-expenses paid trip to the [Intel International Science and Engineering Fair \(ISEF\)](#), May 13 – 18, in Pittsburgh, Pennsylvania, where they compete against 1,500 U.S. and international students for approximately \$4 million in prizes.

Youth interested in participating in ESDSEF, should review the [rules](#), [application procedures](#), [category descriptions](#) and [schedule](#).



For more information, please contact the ESDSEF Science Fair Director via:

- **Mail:** SAG 156 Box 2207, South Dakota State University, Brookings, SD 57007
- **Phone:** 605-688-5133
- **FAX:** 605-688-6917
- **Email:** sdsu_sciencefair@sdstate.edu

Contact Your Local Conservation District About the 51st Annual Speech Contest

Each year, the South Dakota Department of Agriculture, Resource Conservation and Forestry Division, sponsors a Resource Conservation Speech Contest. Any South Dakota student (public, private and home-school) in grades 9 – 12, is eligible to enter. This year's contest topic is, "75 Years of Conservation: What's Next?"

The contest consists of three levels – local, area and state. Two winners from each of the local contests advance to one of the seven area contests. Two winners from each area contest advance to the State Finals. Conservation districts manage the local and area contests, with the Division coordinating the state competition. Local contests are completed before March 17, with area contests completed before March 31. The State Finals is scheduled for April 14, 2012, at 9:00 a.m., CT, at the State Capitol in Pierre.

[East River Electric Power Cooperative](#), [Rushmore Electric Power Cooperative](#) and the [South Dakota Rural Electric Association](#) present the top three winners from the State Finals with scholarships for use at any college, university or accredited vocational technical school in South Dakota.

- **First Place:** \$1,100
- **Second Place:** \$750
- **Third Place:** \$450

Students interested in competing in the Resource Conservation Speech Contest should review the documents below and contact their Conservation District for local and area contest schedules.

- **Contest Rules and Entry Blank:** <http://www.sdda.sd.gov/forestry/publications/PDF/2012Speech-BrochureTouchstone.pdf>
- **List of Conservation Districts:** <http://www.sdconservation.org/Districts/index.html>

A promotional poster for the Resource Conservation Speech Contest. At the top, it says "South Dakota High School Students" and "Win \$2,300 in Scholarships". Below that, it says "Enter the 51st Annual Resource Conservation Speech Contest". The 2012 topic is "75 years of Conservation: What's Next?". It is sponsored by Touchstone Energy Cooperatives of South Dakota, the South Dakota Department of Agriculture, and the U.S. Fish & Wildlife Service.

South Dakota
High School
Students

Win
\$2,300
in Scholarships

Enter the
51st Annual

**Resource Conservation
Speech Contest**

2012 Topic:
"75 years of Conservation: What's Next?"

Sponsored by:

Touchstone Energy[®]
Cooperatives
of South Dakota

South Dakota Department of Agriculture
in cooperation with
The South Dakota Association of Conservation Districts
&
U.S. Fish & Wildlife Service

FOR YOUR INFORMATION

University of Minnesota

College of Education + Human Development

Family and Communication Technology

Exploring How Families
Communicate Using Technology

Sponsored by the Department of Family Social Science



Youth Ages 13 – 25 – Complete a 15-Minute Online Survey for a Chance to Win \$50

Are you between the ages of 13 and 25? Do you email or send text messages? You are eligible to win \$50!

The Family and Communication Technology research project, sponsored by the University of Minnesota, is looking for young people to participate in an online research study about communication technology use (e-mail, texting, etc.) and family relationships. The purpose of the Family and Communication Technology research project is to learn more about the ways that young people use technology to communicate with their family.

If you decide take part in this study, you will be asked to fill out a 15-minute online survey. To be able to take part in this study, you must be between the ages of 13 and 25. Participants will have the option of being entered into a drawing to win one of ten \$50 Amazon.com gift cards.

If you are interested in participating, click [here](#) to take the survey.

If you have any questions about the study, please contact Dr. Jodi Dworkin at jdworkin@umn.edu.

Visit Food Dialogues to Support American Farmers and Ranchers

Food Dialogues is the U.S. Farmers & Ranchers Alliance (USFRA) site in which farmers and ranchers answer questions about how our food is grown and raised. There are many ways in which you can spread the word to support American farmers and ranchers.

- Follow USFRA on Twitter (@USFRA) and re-tweet important USFRA tweets to your followers
- "Like" the USFRA [Facebook](#) page so you can remain updated with the latest USFRA updates. Participate in the conversation.
- Visit [Food Dialogues](#) often, and review the [USFRA Values](#) to help keep your messages focused.



For more information on USFRA, please visit www.fooddialogues.com or contact Paige Graham at 312-228-6805 or Paige.Graham@ketchum.com