

**Upcoming Events**

**Student Event Opportunity**

- Feb. 21-28 – National FFA Week
- Feb. 23-24 – DECA Conference, Sioux Falls
- March 6-8 – DakotaCon, Madison; visit <http://dakotacon.org/> for more information.
- July 19-24 – GenCyber, Girls in Cybersecurity Camp, Madison; visit <http://ashleypodhradsky2.wix.com/gencybergirls#> for information.

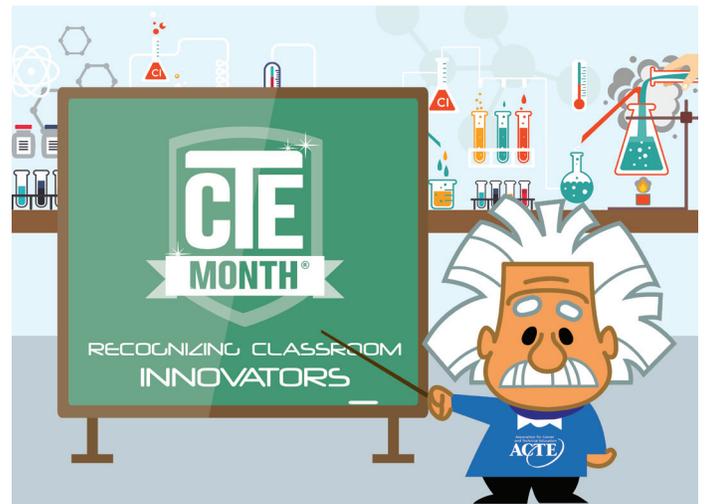
For information about upcoming professional development opportunities, visit [southdakota.gosignmeup.com](http://southdakota.gosignmeup.com).



## February is CTE Month

February is CTE Month. CTE Month is an annual celebration held to recognize members of the CTE community. Today's CTE classrooms are modern-day laboratories, where students and teachers are developing the skills that will power the future. CTE classroom innovators are committed to their students and their instruction, and during the month of February, we'd

like to invite you to join us in recognizing them. Each week, the Division of Career and Technical Education will send out a new CTE Month message highlighting CTE innovators that have caught our attention. You can view the list of recognized innovators at the CTE Month website at <http://doe.sd.gov/octe/ctemonth.aspx>.



## SDMyLife Financial Aid/ Scholarships



Encourage your students to use the SDMyLife's financial aid database.

It includes details on thousands of private scholarships, grants, awards, fellowships, and other assistance programs that can help students pay for their education. On the Financial Aid page, there are two ways to search for

financial aid programs: Financial Aid Selector and Search for Scholarships.

The Financial Aid Selector helps students find private financial aid programs they may be eligible for based on their background, academic history, interests, talents, and other relevant factors. If students want to find out more about financial aid programs they are already aware of, they can use the

Search for Scholarships option to look up information on these programs. Information provided for all of the financial aid programs includes the following important details: program description, award criteria, application information, and contact details.

Have your student's log-in to SDMyLife.com to search for financial aid today!



# BUILD DAKOTA

## SCHOLARSHIP FUND

The scholarships are available for new, incoming students in the 2015-16 school year. 300 scholarships will be awarded in the first year.

The Build Dakota Scholarship will cover tuition and fees, books, equipment and other related program expenses. Scholarship recipients must commit to stay in South Dakota to work in their field of study for three years following graduation.

The Build Dakota Scholarship program is funded with a \$25 million donation from T. Denny Sanford and a \$25 million grant from the South Dakota Future Fund.

Build Dakota is concentrated on high-need workforce programs and aims to ease the worker shortage in the state.

The areas of study included are:

- Automotive
- Building Trades/Construction
- Energy Technicians
- Engineering Technicians
- Licensed Practical Nursing (select programs)
- Medical Lab Technicians
- Precision Manufacturing
- Welding

Read details at <http://www.builddakotascholarships.com>.

## South Dakota Youth Institute



Become a student leader in the global fight against hunger!

How to be involved:

- Be a 9-11 grade student
- Work with a teacher to research an issue impacting world hunger
- Write a 2-3 page paper about your research
- Be selected to attend the youth institute on May 7, 2015 at the South Dakota State University Campus

Submit student registration and papers online by April 3, 2015

Additional information can be found at: [http://www.worldfoodprize.org/en/youth\\_programs/global\\_youth\\_institute/south\\_dakota/](http://www.worldfoodprize.org/en/youth_programs/global_youth_institute/south_dakota/)

For more information contact Dr. Scott Smalley at [scott.smalley@sdstate.edu](mailto:scott.smalley@sdstate.edu) or call 605-688-6484.

# CTE Infographic Contest Winners Announced

In October of last year, the Department of Education, partnered with Lemonly, a Sioux Falls infographic design and advertising firm, kicked off a student infographic contest.

Along with raising awareness of CTE, the goal of this contest was to engage students in the effort to promote the CTE programs that they benefit from, to think about how classrooms can share the CTE message in a fun and creative way, and help answer the question: How does Career & Technical Education benefit South Dakota?

The Division of Career and Technical Education received over 50 submissions, and an external panel of judges selected the winners based on a data and design rubric provided by Lemonly. The 1st and 2nd place winners were both from Vermillion High School. Instructor Terry Beacom embraced the spirit of the contest and used it as an assignment for his Computer Applications class.

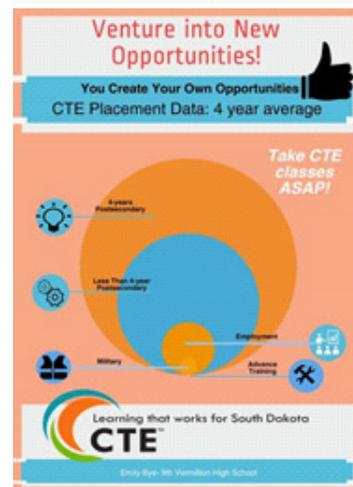
Kate Brockveilt received 1st place in the contest. Kate is a junior at Vermillion High School.

2nd place went to Emily Bye, a freshman at Vermillion High School.

The winning submissions can be viewed at <http://doe.sd.gov/octe/ctemonth.aspx>.



1st Place - Kate Brockveilt



2nd Place - Emily Bye

# South Dakota EPSCoR Grants

South Dakota EPSCoR – Education /Workforce Development is looking for innovators in the area of CTE that would like to create, improve, or innovate a program that allows students to explore STEM related disciplines. Approximately \$170,000 will be granted to schools in the next month. Grant awards will cap at \$30,000 each. Please read on to learn more and find out how you can apply!

## What is EPSCoR?

Experimental Program to Stimulate Competitive Research was established by the National Science Foundation to strengthen research and education in science, technology, engineering and mathematics (STEM) and drive science-based economic development.

## What is the purpose of this grant?

Proposals for South Dakota EPSCoR funds, through the Department of Education, aim to increase the number of STEM graduates skilled in informatics and biosciences at all levels by partnering industry with K16 education and research activities to meet the growing workforce needs of South Dakota.

## Which areas are eligible?

Funds are awarded on a competitive basis to projects which allow students to explore STEM-related disciplines or which are part of an approved Career & Technical Education (CTE) program in the following career clusters: 1) Science, Technology, Engineering and Math; 2) Information Technology (Analytics and Programming); 3) Health Science (Research & Development); 4) Agriculture, Food and Natural Resources (Research & Development)

## What are the grant priorities?

Grant awards will be made based on alignment with the following priorities: 1. Student participation; 2. STEM awareness; 3. Partnership with business and industry; 4. Cooperation with postsecondary education; 5. Diversity

## Who can apply?

Applications may be submitted by school districts and education service providers in South Dakota. The application must demonstrate partnerships with economic development corporations or industry partners.

## What is the timeline?

All proposals must be submitted electronically to [Jane.Gubrud@state.sd.us](mailto:Jane.Gubrud@state.sd.us) by 5 pm CST, February 26, 2015

When will the awards be announced? Award notification will occur on Friday, March 13, 2015

## Where can I find the application?

The application and related information is attached to this email. The grant application can also be found on the DOE website at <http://doe.sd.gov/octe/SDEPSCoRGrant.aspx>

\*\*Direct questions regarding grant applications to Jane Gubrud – [Jane.Gubrud@state.sd.us](mailto:Jane.Gubrud@state.sd.us) or 605.295.1892\*\*



## Career Cluster: Agriculture, Food & Natural Resources

The agriculture, food and natural resources cluster encompasses one of South Dakota's biggest industries, and virtually everyone on the planet is impacted by it. This cluster prepares learners for careers in the planning, implementation, production, management, processing and marketing of agricultural commodities and services. Students interested in the AFNR career cluster should consider participating in FFA, SkillsUSA, DECA, FBLA, or 4-H.

There are seven different pathways in this cluster, including:

- Power, Structural & Technical Systems
- Food Products & Processing Systems
- Animal Systems
- Plant Systems
- Natural Resources Systems
- Environmental Science Systems
- Agribusiness Systems

Students considering a career within the AFNR cluster should consider taking courses in:

- Ag Business Sales & Marketing
- Plant Science
- Biology
- Chemistry
- Horticulture
- Agricultural Biotechnology
- Capstone Experience

## Data Highlight:

### AFNR

- Starting salary of an Agronomist ranges from \$40,300 to \$45,700.
- There will be a 10% growth demand for Agronomist from 2012-2022.
- A surveying and mapping technician can earn a two year degree and make an average of \$17.05 per hour.
- 25% of people in the US work in agriculture.
- 200 agriculture and food science technicians are employed in SD.

## Reminder: 2015-16 Program Applications Due March 2

Applications are now open for approved Career & Technical Education (CTE) programs in school year 2015-16. The deadline to submit an application is Monday, March 2, 2015.

If your school is interested in having an approved CTE program for any of the following reasons, you are required to submit an application:

1. Use the CTE courses to meet graduation requirements (#5 menu of options: [http://doe.sd.gov/octe/documents/GradRequirements\\_summary.pdf](http://doe.sd.gov/octe/documents/GradRequirements_summary.pdf))
2. Use the CTE courses to meet the requirements for the SD Opportunities Scholarship (<http://sdos.sdbor.edu/require/require.cfm>)
3. Access the federal Perkins grant and other CTE-eligible grants
4. Implement Career & Technical Student Organizations (DECA, FBLA, FCCLA, FFA, SkillsUSA)
5. Access technical support, professional development and other resources to support innovative, modern CTE programs

All 2015-16 approved CTE program applications will be submitted through the Perkins Data System: <https://apps.sd.gov/applications/DP42LaunchPad/Logon.aspx>. The state IT agency supports this system through Internet Explorer. You will not be able to access the system through Google Chrome, Mozilla Firefox, Safari or other web browsers.

Contact your Regional CTE Specialist if you have any questions.

## DCTE Employee Profile:

### Nora Kohlenberg



I am Nora Kohlenberg and I am the CTE Grants and Data Specialist. I work with Perkins Directors on Perkins budgets, compliance with federal regulations, and a variety of things related to the Perkins Act and other federal regulations. I also work with secondary and postsecondary data; I analyze the data that we collect, which we use in many ways, including the required annual report to the US Department of Education and brochures showcasing the benefits of CTE. My work also includes working with the state CTSO

leaders on state level training for our CTSO State Officers.

I live in Mitchell with my husband, who works at BankWest, and my children Amber (8) and Aaron (2). I enjoy camping, reading, spending time with my family and a number of crafts.

## Monthly Video



### A message for students from the Governor: Consider a CTE course

View video at:

<https://www.youtube.com/watch?v=aov-Kru2FjE>

## Contact Information

 Learning that works for South Dakota

800 Governors Drive | Pierre, SD 57501-2291

P: 605.773.3423 | F: 605.773.4236

[doe.sd.gov](http://doe.sd.gov)



## In The News

- Enrollment Hits New High at MTI
- MTI Adds Program
- STI Automotive Building Gets Green Light
- MTI President to Retire