

## Upcoming Events

- June 15-17 - Information Technology Standards Revision, STI
- June 15-17 – Education & Training standards revision, SDSU
- June 22-25 – Foundational Courses standards revision, Pierre Ramkota
- June 22-24 – STEM standards revision, LATI
- June 29-July 2 – National FBLA Conference, Chicago
- July 1-5 – National FCCLA Conference, Washington, D.C.
- July 27-28 – CTE Summer Conference, Watertown
- July 29 – CTE 101, Watertown

For more events, visit [southdakota.gosignmeup.com](http://southdakota.gosignmeup.com).



## President Obama Honored LATI Commencement Speaker

The surprise came in mid-April. President Obama would visit his 50th state as Commander in Chief. A joint announcement from the White House and Lake Area Technical Institute in Watertown expressed the intention of President Obama to provide the commencement address at the LATI graduation ceremony to be held in May. LATI President Mike Cartney emotionally stated how honored he was to hear the news. "Imagine how meaningful obtaining your college degree becomes when the President of the United States is your commencement speaker? I cannot even begin to explain the feeling I had when the White House called with this news! This is a once in a lifetime phone call that left me overwhelmed and speechless, yet filled with so much pride for Lake Area Tech, this community and our business partners. My heart and thoughts go to the great district

leadership, staff and students of Lake Area Tech. Their hard work, dedication and

graduation rates among the highest in the country. LATI participated in the Obama administration's Champions of Change in 2011, and was recently invited to the White House for the College Opportunity Day. They were also named a Finalist with Distinction by the Aspen Institute's three Community College Excellence competitions.

On Friday, May 8th President Obama landed at the Watertown airport, arriving shortly after his scheduled time, where his motorcade then made its way to the Watertown Civic Arena.

The President was introduced by school President Mike Cartney. The President expressed that his primary reason for choosing LATI's commencement was "because I believe that in a fast-paced, hyper-connected, constantly changing world, there are few institutions that are more important to America's economic future than community colleges. And there are few community colleges that are as



innovation epitomize that it is not about being the best, but doing your best – and the rest will follow. This is what makes Lake Area Tech such a magical place."

The visit from the President came as a direct result of Lake Area's commitment to help the nation meet President Obama's goal of raising the number of Americans with post-secondary degrees. LATI has

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# SAVE THE DATE! CTE Instructors and Educators:

Trail King Industries out of Mitchell, SD would like to have you "Save The Date" for an invite to our Manufacturing Week to honor National Manufacturing Day! This is your chance to come to Mitchell, SD and take a tour of Trail King Industries to see how exciting manufacturing is and to learn more about what we do!

Here is what you need to plan for:

WHO: Trail King Industries is inviting YOU and your STUDENTS

WHAT: Take a tour of Trail King and see all the exciting things going on in Manufacturing

WHEN: We will be giving tours daily the entire week.....  
September 28th – October 2nd

WHERE: Mitchell, SD Trail King Industries

WHY: Because you and your students are the FUTURE in Manufacturing and it is pretty cool to see!!!!

Click on the following links to learn more about Trail King and also Manufacturing Day:

<http://www.trailking.com/>

<http://www.mfgday.com/>

There will be more information sent out early this summer, but we would like you to start saving the date so you can line up buses or funding to make this trip possible! You can also tour Mitchell Technical Institute or other industry in Mitchell as well if you like while you are in town.

If you have questions, please contact Shane Thorstenson at [SThorstenson@trailking.com](mailto:SThorstenson@trailking.com) or by phone at 605-999-6889.

## SDACTE members receive awards at the Region V Conference

CTE Coordinator Coleen Keffeler from Sturgis-Brown High School was inducted into the Region V Hall of Fame during the Region V ACTE Leadership Conference in Kansas City, Kansas. Having joined SDACTE/ACTE in 1987, Coleen has been an extremely active member of ACTE on all levels: local, state, region, and national. Having served as president of her division, her state association, Region V Policy Committee, and ACTE president, she can easily be identified with the work and purposes of Region V and the Association for Career and Technical Education. Her leadership has clearly advanced career and technical education on all levels. Coleen continues to remain active. She is not the type of person who serves her term and then quits. She has helped develop and implement numerous professional development opportunities for educators to learn about CTE. On the state level she has served on a variety of committees and has chaired the Legislative Committee for over a dozen years. She is a perennial presenter at the Region V Leadership Conference and once again has served on a variety of committees. After having served as the ACTE president, Coleen chaired a variety of task forces including State Leadership Task Force and ACTE Quality Associations Awards Task Force.

Coleen understands how ACTE, Region, and State Associations must work together in promoting Career and Technical Education. She continues to mentor new members on all levels of leadership. Her dedication and passion to CTE and Region V is unequalled.

Kelly O'Donnell, agriculture education teacher from Arlington High School is Region V's winner for Carl Perkins Community Service Award. Ms. O'Donnell was selected from among state

award winners from Arizona, California, Colorado, Idaho, Kansas, Montana, Nebraska, Nevada, North Dakota, Utah, Washington, and Wyoming. The Region V winners will progress to the national competition with the national winners being announced during the ACTE's Career Tech VI-SION2015 awards

banquet in New Orleans on Nov. 19. O'Donnell was selected based upon her contributions to career and technical education through the service projects she has coordinated for her FFA members and students. Some of those projects included planting flowers in local parks, sprucing up the area around the museum, painting picnic tables and benches in the park, cleaning road ditches, and serving at community banquets. A major project they undertook was repairing and painting the home of a veteran who was unable to afford to make these improvements. O'Donnell partnered with the Arlington Chamber of Commerce to obtain a grant for the necessary supplies. Then she and her students worked with community members to repair and paint the home. As a result of the multiple community service projects that have been done, Arlington was honored with the Governor's Citation for Community Service at the South Dakota FFA Convention.



Kelly O'Donnell award presentation



Coleen Keffeler award presentation

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important as Lake Area Tech. This school is leading the way." Additional remarks ranged from personal anecdotes about several of LATI's distinguished and accomplished graduates, to the overarching message of the impact of technical and community colleges across the country. Also featured were the administration's plans to make a two year technical or community college degree available to applicants, for free, in the near future. "I want to lower the cost of community college in America to zero. I want to make it easy to go to community

college as it is to graduate from high school, if you work hard," Obama said.

While the visit from the President was short, the Watertown and LATI community expects its impact to be positive and far reaching. Before leaving the stage the President shared how the 600 plus graduates in attendance impacted him. "I didn't come here to inspire you. I came here because you, the graduates, inspire me," Obama said. "Class of 2015 you have earned the chance to walk the road to freedom, and to make your lives what you will. To write that next great chapter in the American story."

# MakerSpace Takes Shape at Harrisburg

By: Travis Lape

Our MakerSpace journey at Harrisburg South Middle School started last spring with the planning stage. We scheduled several Google hangouts with Laura Fleming, a Media Specialist from New Milford High School in New Milford, New Jersey, who has successfully created and maintained her own MakerSpace for her high school students for the past few years. Throughout our planning sessions, it was obvious that the library at HSMS was the best spot for this venture. After meeting Mr. Ellwein, the school's principal and Ms. Jones, the school's Media Specialist, and seeing their excitement for taking the traditional library environment and giving it a new look and feel, we began our planning for our new space.

Our first meeting was focused around a quote by John Kolosowski which states, "The library should be one of the most exciting places in the school: the hub of learning, reading, research, discussion and collaboration." We agreed it was time to move our HSMS forward in this new direction. It was a partnership between the media specialist position and technology integrationist position, and without that partnership this new space would never have survived. We started with a small budget of around \$500 and looked at simple items that we could use to engage students in collaboration, research, and creativity. We created teaser videos in our Green Room, and informed the students that this new space was coming to their school.

Students were allowed to come into the MakerSpace before or after school and during their study hall if all their work was complete. With this being a new space, it was slow going for the first few days, but after the word got out about what students were creating and working on, it quickly became the place students wanted to be.

Our MakerSpace includes some unique creation activities for our students with

some of them being our Bubblegum Creation Station, Makey-Makey Kits, Sphero Robotics, Marker Bot Creation, and Take-Apart Technology, as well as many other stations that engage our students in collaboration, research, and creativity. We have stations that consist of high tech, and stations that use no tech. It truly has grown organically by listening and watching our students work in the environment.

Students have been busy creating arcade games as a way to showcase their creativity to a global audience. Students shared the games in February to other students through the use of video conferencing. It was a way for our students to take a project they have started here and share with a larger audience.

Not only do we have students coming into the space on their own time, but also classroom teachers are scheduling times in our Green Room for students to create videos for different classroom projects. They also are scheduling classroom time in the MakerSpace to give the students hands-on opportunities in building and creating different projects that pertain to their grade level content standards.

Overall this space has turned the traditional library model upside down. Our library has so much more going on than just checking out books. Our students are in the library collaborating, brainstorming, and reflecting on what they have built or designed. In our new space, our students understand that the word "FAIL" only means that it is the "First Attempt In Learning".

This space has not only been rewarding for our students, but we as teachers have grown and are continuing to learn right alongside them. The sky is the limit when we are able to engage students in projects that challenge their thinking and creativity. We are excited to learn more and add more to our space as time goes on.



## Career Cluster: Transportation, Distribution & Logistics

In this career cluster, professionals are involved in the planning, management and movement of people, materials and products by road, air, rail and water. If you are always on the go, this cluster may have a career for you!

There are eight different pathways in this cluster, including:

- Transportation Operations
- Logistics Planning & Management Services
- Warehousing & Distribution Center Operations
- Facility & Mobile Equipment Maintenance
- Transportation Systems/Infrastructure
- Planning, Management & Regulation
- Health, Safety & Environmental Management
- Sales & Service

Students considering a career in this cluster should consider taking courses in:

- Automotive Electronics
- Entrepreneurship
- Intro to Tech Ed
- General Service Technician
- Geometry
- Physics
- Capstone Experience



## Data Highlight:

### Transportation, Distribution & Logistics

- A transportation inspector can expect a starting salary in the range of \$32,600 to \$35,000 a year, and there is a 15.4% demand in market growth by 2022.
- The average wage for an aircraft mechanic and service technician in South Dakota is \$25.58/hr.
- Rail transportation employment in South Dakota is expected to reach 1,110 employees by 2020.

# DCTE Employee Profile:

## Megan Lahr

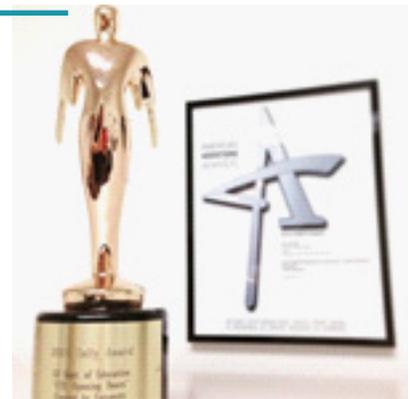


Hello! I am Megan Lahr (soon to be Tatum) and I am the SDMyLife and Student Services Specialist. I work with all aspects of SDMyLife and play many other roles in the career exploration world. I enjoy working with SDMyLife and career development and watching it expand and develop across the state. I graduated from South Dakota State University with a major in Family and Consumer Sciences Education and a minor in Mathematics Education. I have worked at the department for almost 3 years. My fiancé, Steve, and I live in Draper and have one son who is 11 months old. I spend a majority of my time with him and enjoy watching him discover the world around him. I also enjoy spending time with friends and family, cooking, crafting, running, hunting, and pretty much anything that allows me to be outdoors. I can be reached at 605-773-4726 or [megan.lahr@state.sd.us](mailto:megan.lahr@state.sd.us).

## CTE Video Wins Award

A year and a half ago the Division of Career and Technical Education started putting a strong focus on changing perceptions of technical education. To assist in changing the public's perception of CTE, we produced several education pieces on CTE, SDMyLife and the National Career Readiness Certificate (NCRC). The production company we worked with, Epicosity, entered the CTE video in a competition and it won! Please enjoy the award winning video again, and more importantly, pass it on!

CTE: Opening Doors Video: <http://bit.ly/1Mlscno>



SketchUp Pro helps you bring lesson plans to life and sets kids up for success! SketchUp is perfect for project-based learning. When 3D becomes a part of your classroom, it becomes a part of how students think and solve problems. Reading, writing, and arithmetic are central to learning, but in this decade, so are problem solving, focused creativity and even design. SketchUp helps kids to think critically, interact with technology—and then to mess up, learn from it, keep trying and eventually, mentor each other.

If you would like to access SketchUp Pro for your classroom, it is easy! Version 2015 can be downloaded for free at this web address: <http://www.sketchup.com/download/all>. It can be used on Mac and Windows computers. It can be loaded on as many computers as you wish. You will need an internet connection to download the software, but then the program can be used off line if you wish.

South Dakota has a state license that educators can utilize until June of 2017. The license serial is QH-00167725-ALR. The authorization code is beb37fa4b7545. If you have other questions, please contact Jane Gubrud, Northeast Regional CTE Specialist at 605.295.1892 or [jane.gubrud@state.sd.us](mailto:jane.gubrud@state.sd.us)



## In The News

<http://www.keloland.com/newsdetail.cfm/hs-students-enjoying-cte-aviation-program/?id=179580>

<http://news.sd.gov/newsitem.aspx?id=17691>

<http://sdhosa.org/articles/hannah-vaca-wins-national-hosa-scholarship>

<http://www.keloland.com/newsdetail.cfm/first-build-dakota-scholarships-given-out/?id=180922>

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