

Wayde Sick, Director
Mark Wagner, Assistant Director

March, 2023



Newsletter

TechSpark: FFA Involvement

-Nikki Fideldy-Doll, Supervisor, Agricultural Education

Recently ND FFA President, Amy Klain, and ND FFA State Advisor, Nikki Fideldy-Doll, joined Microsoft President, Brad Smith, along with state, federal, and non-profit leaders, rural partners, and the Brookings Institution to discuss what Microsoft has learned from the current pilot of TechSpark and celebrate its anniversary. TechSpark was established in Appleton in October 2017 when Microsoft chose northeastern Wisconsin to be one of the six regions in the U.S. where it would invest staff, money, and resources to help train today's workers and prepare tomorrow's. TechSpark is to expand technology education and business development in regions that are short on opportunities. The goal is to make each region meet its long-term need for a technologically skilled workforce. "Talent is everywhere, but opportunity is not" was mentioned throughout the press conference held at the Microsoft Innovation and Policy Center in Washington D.C. Rapid advances in technology are creating new opportunities, but for many, they remain out of reach. Microsoft TechSpark is a civic program designed to foster greater economic opportunity and job creation in communities across the U.S. "Five year ago, we set out to bring innovation to the American Heartland. It's wonderful to celebrate TechSpark's anniversary and hear how technology is bringing new skills, jobs, and prosperity to communities across the country" – Brad Smith, Microsoft President.

US Presidential Scholars Update

- Kelly Pierce, Supervisor, Career Development and Career Advisors

Candidates for the [US Presidential Scholars](#) in Career and Technical Education have been submitted to the US Department of Education.

[**] *Candidate for U.S. Presidential Scholar in Career and Technical Education.*

[****] *Candidate for U.S. Presidential Scholar and U.S. Presidential Scholar in Career and Technical Education.*

The following are the candidates representing North Dakota:

[****] ND - Jack C. Stoppleworth, Horace - Kindred High School

[**] ND - Clarkson Sande, Grand Forks - Red River High School

[**] ND - Josephine Machayya, West Fargo - West Fargo Sheyenne High School

[**] ND - Kaylee M. Kirkeby, Grand Forks - Grand Forks Central High School

[**] ND - Kaylee B. Anderson, Grand Forks - Grand Forks Central High School

Semi-finalists will be announced in April.

Dates of Interest

March 5-7, 2023

DECA Conference
Bismarck, North Dakota

March 19-21 2023

TSA Conference
Mandan, North Dakota

March 26-28, 2023

SkillsUSA Conference
Wahpeton, North Dakota

March 26-27, 2023

FBLA Collegiate Conference
Mandan, North Dakota

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CTE Around the State

The students in the Family and Consumer Sciences classes in **Westhope** were able to use the knowledge from class in a hands-on lab experience.

They took their knowledge of grains and flour production and applied it to "Tortillas in a bag!" They will be involved in more labs with grains this semester.



The Dickinson Fire Department and its students from the **Roughrider Area Career and Technical Center**, which includes **Dickinson Public Schools** students, one student from Beach Public High School, and several students from surrounding departments have completed live fire dumpster and car fire evolutions.



Medical Careers students from **Minot High School** have been participating in clinicals in the community. They are able to participate in a variety of experiences in the community that give them an understanding of careers in the medical field.



Students at **Beulah High School** were able to learn about the flower industry and made arrangements, corsages, and boutonnieres! This was a great way to put smiles on many faces on Valentines Day.

CTE was Visible in Memorial Hall During CTE Month



Are you Looking for an Opportunity to Grow in Leadership Skills?

ACTE Region V Leadership-Fellowship Program is for you! The Association for Career and Technical Education Region V is pleased to announce the continuation of an opportunity to participate in a Region V Fellowship Program to promote the image of Career and Technical Education, and to provide an understanding of policies related to Career and Technical education in Region V. Region V will select a maximum of 2 fellows for the next two years. Each fellow will receive a stipend of \$1,500 for each year of the 2-year period. This stipend is to help offset some of the expenses of being a fellow.

The Fellowship Program is a two-year commitment from July 1, 2023 – June 30, 2025.

The purpose of the Fellowship Program is to:

- Establish a leadership development program for CTE Educators in ACTE and assist individuals in further developing their leadership skills in CTE and their involvement in professional associations.
- Provide an opportunity for CTE Educators to become familiar with and participate in the processes used by policy makers in the development and implementation of laws, regulations, and other public policies at the local, state, and federal levels.
- Identify, train and motivate a cadre of leaders who will continue to position ACTE as a leader in developing an educated, prepared, adaptable and competitive workforce.
- Application is located at <https://www.acteonline.org/wp-content/uploads/2022/11/2023-ACTE-Region-V-Fellows-Application-1.pdf>

Application Deadline is May 1, 2023.

Building Partnership Between Education and Industry for Work-based Learning

- Julie Hersch, Supervisor, Career Resource Network

Patrick Mineer, Golden Path Solutions, and I recently spent three days talking to students, educators, representatives, and senators at CTE in Memorial Hall. This fantastic event is held at the Capitol in Memorial Hall when the legislature is in session and is an opportunity for students to showcase their CTE Program and build rapport with state representatives and senators. It's also a great way for CTE to advocate how we prepare students for the future and how CTE expands a student's career options by helping the student develop transferable skills and universal work-place attitudes.

Managing work-based learning as a school professional can take a lot of time, as can developing relationships with industry partners to provide those experiences. Often employers don't know whom to contact and school professionals don't have time to develop relationships outside of their immediate region. Patrick and I shared how North Dakota CTE is addressing this challenge by building a statewide technical solution to allow students, employers, and educators to manage work-based learning in one system. I talked

about how North Dakota's RUReady.ND.gov platform provides the technology that powers this effort. Patrick shared some of Golden Path's best practices in terms of getting employers engaged, including helping industry partners understand how work-based learning can help develop a new talent pipeline for future workforce.



On the third day of CTE in Memorial Hall, CTE posed a challenge question to legislatures, senators, and other visitors who passed our booth, "Name a career that isn't influenced by Career and Technical Education?" Senator Merrill Piepkorn, Fargo, challenged us in return with his guess of "harmonica player." We were stumped momentarily, but eventually came up with several areas including marketing (entrepreneurship) and business education. Of course, the real answer is all careers are influenced by CTE!

Work-based learning is picking up momentum in preparing students for the future, with its balance of both classroom instruction along with real-world experiences to give students a chance to see what's to come and develop skills for their career. Our goal is to help educators and industry leverage some of these best practices and understand how technology can help them manage scaling up their work-based learning efforts!

CTSO Leadership Perspective

As a four-year DECA member, current State Vice President, and marketing education student, I am confident that my experiences with Career and Technical Education have prepared me for my future career better than any other program could strive to. I have seen firsthand- for myself and several other members—how CTE organizations develop and advance one's confidence, communication skills, professionalism, and problem-solving abilities. I am endlessly grateful for my participation in DECA and would highly recommend CTE and CTSO organizations to all students seeking an advantageous edge to assist in accomplishing their future endeavors.

Peyton Bradley is a senior at Davies High School in Fargo. She is a fourth-year member of DECA, serves as Vice President for North Dakota DECA and plans to pursue a degree in marketing.



Region V Leadership Conference

CTE: A World of Opportunity

Delta Hotels, Fargo, ND

April 12-15, 2023



The North Dakota ACTE planning committee has organized an outstanding 2023 ACTE Region V Leadership Conference. The all-inclusive registration fee includes extraordinary keynote speakers, educational break-out sessions, amazing tours, a night at the Air Museum, Awards Ceremony Dinner, and A Mystery Murder.

Register at: <https://www.acteonline.org/event/region-v-leadership-conference-2023/>

Wednesday Poker Run:

For \$5 participate in a Poker Run for cash prizes! Enjoy a quick bit to eat or beverage of your choice at each selected location, get another card to create your poker hand and enjoy getting to know those attending the conference!

Thursday Tours:

John Deere & Grand Farm, RDO & Butler Machinery, Gate City Bank & Drekker Brewing Company, Healing with Hyperbarics & Aldevron, Epic & Microsoft, or Marvin Windows & Brewhalla/Drekker Brewing.

Thursday Dinner Event and Scavenger Hunt:

The Fargo Air Museum is a unique venue for events and has quickly become a local favorite. Home of two hangars featuring a rotating selection of aircraft displays ranging from a Wright Brothers' flyer to the MQ-1 Predator unmanned aircraft. This will be a great opportunity to tour the museum, catch up with old friends and meet new ones!



Photo from Fargo CVB

Friday Awards Ceremony and Murder Mystery Dinner Event:

Be prepared for a Murder Mystery Dinner where you will work together to solve a fake murder! It will be a tantalizing night in Tinseltown filled with twists and terror. After a night of accolades at the Academy Awards Show, you will attend the A-list after-party hosted by millionaire Vanity Affair. While socializing and schmoozing with Hollywood's elite, careers will be made, secrets will be revealed, scandals will be broken and a homicide will happen.



With a V.I.P. victim and the celebrities all suspect, you will be called upon to find the criminal by cracking this red carpet caper. As the night unfolds, so will a web of lies and scandals intricately woven to point you to a killer. It is up to you to uncover the clues or the culprit will remain concealed. Come walk the blood red carpet for a night of secrets, celebrities and scandal. Attendees may choose to dress to the theme.

Saturday Industry Entrepreneur Round Tables – Speed Style!

Hear from the following local entrepreneurs!



MEGAN CREATED MILK MADE.



701x

Go to www.NDACTE.com to access current information, including the Conference Agenda. The conference is open to all teachers and administrators!

Williston State College receives Grant towards improving Automation, IT Departments

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WILLISTON, N.D. (KUMV) - Understanding how automation works can be complex, especially when computer programming is added to the mix. Two of Williston State College's departments are helping students learn more about the future of automation thanks to a state grant.

At Williston State College's Western Star Career and Technology Center, students in the Industrial Automation course are learning how technology works. Ben Aaberg has been working in the oilfield for eight years and was surprised how much more there is to know about his machinery.

"To keep up with the times, you got to learn. You got to learn the new stuff and that's what I'm here to do," said Ben Aaberg, automation student. Computers are playing a big role in how automation works today. Some knowledge of the internet and programming is a must for those interested in automation.

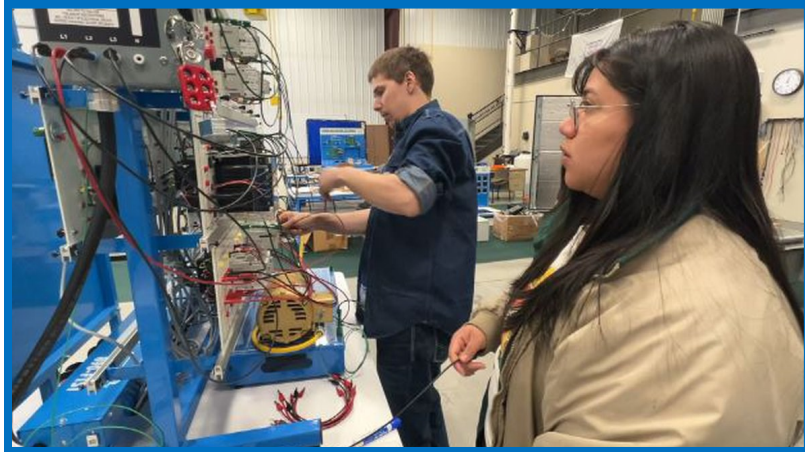
"Technology is evolving at a rapid rate, and it seems like every industry is starting to move towards automation and this is a very good skill to have," said Matthew Hansen, automation student.

Earlier this month, the college's Information Technology department received a 38 thousand dollar "Innovation Grant" from the state department of Career and Technical

Education. It will be used for applying IT to other fields like automation. Rouston Villegas, a first-year IT student, says the industry is growing fast. "There's going to be more IT jobs and there's going to be more people that need to know how stuff works," said Rouston Villegas, IT student.

Aaberg says blending IT and automation can create more job opportunities. "There is so much more on the table for me. I can go to so many more different places than I could before I came to this program," said Aaberg. Professor of Information Technology Ken Quamme said they have a nearly 100 percent employment rate for students after graduating. He expects that to continue thanks to this grant. Part of the grant will also be used for three new classes next fall: Internet of Things, Cybersecurity, and Electronics and Industrial Controls.

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Work-based Learning Module Business Highlight

- Dawn Ulmer, Strategic Projects Manager, WBL

We continue onboarding new employers in the www.RUReady.ND.gov Work-based Learning Module and now have over **220 employers with over 100 Work-based Learning opportunities**. Our highlighted businesses this month from the Work-based Learning Module are **Marvin Windows, Cargill, Glass Doctor, the Williston Fire Department, and General Equipment!** We are grateful for these business partners!

Employers who sign up on the WBL Module are excited to connect with students, so make sure that a designated individual in your CTE Center or School District approves both the organization and the organization's opportunities. If you have questions about this process, please contact Julie Hersch juersch@nd.gov or Laura Glasser leglasser@nd.gov at North Dakota CTE. You may also contact Patrick Mineer patrick@goldenpath.net with questions on the WBL Module. The business opportunities must be made "active" so that students can view them and apply for open positions. New employers and opportunities are added each month. Don't miss out on a chance to make these connections!

State Director's Column

-Wayde Sick, Director, North Dakota Career and Technical Education

68th Legislative Assembly Update

We have made it to Legislative Crossover, which means all bills have been addressed in their Chamber of origin and passed over to the second Chamber. Many say this is like the end of the 1st period of a hockey game. The second period resumes on March 1st, when bills that survived are acted on in the second chamber. The final period must start by April 12th, when bills need to move out of the second chamber and conference committees hammer out any differences.

The Agency is watching many bills, but most closely HB1019, which is the Career and Technical Education Appropriations bill. Here is what was passed out of the House.



Grants to schools was increased by \$14.2 million, with the following conditions:

- \$4M for cost to continue. This will ensure we can continue to reimburse programs, as costs go up.
- \$8M for New and Expanding Programs. This considers the additional and expanding CTE Centers as well as any new programs that may be developed at our High Schools.
- \$500,000 to fund Career Advisors
- \$1.5M to fund Work-Based Learning Coordinators, which is a newly created endorsement and position.
- \$200,000 to increase the Emerging Technology Grant program.
- The Center for Distance Education budget was zeroed out but will be added to the DPI budget since CDE is moving under DPI, if SB2269 passes both Chambers.
- The \$40M for overage/inflationary costs for the CTE Capital Projects Grant was zeroed out, but we were informed this will come back on the Senate side, once the March revenue forecast comes out
- The \$20M for additional CTE Center Capital projects was zeroed out. This will be discussed after crossover

As a CTE Champion, and a citizen of North Dakota, I ask you to be involved in the process. The Legislative process is transparent, and thanks to technology, can be accessed anywhere. The following link allows citizens to watch House of Representatives and Senate Floor Sessions and Committee Hearings; contact their local Legislators; search and track specific bills and submit written and verbal testimony. A North Dakota login ID will need to be created to track bills and submit testimony. A login is not necessary to watch video of Floor Sessions or Committee Hearings.

[North Dakota Legislative Branch | North Dakota Legislative Branch \(ndlegis.gov\)](http://ndlegis.gov)

Thank you for all you do for the students of North Dakota and for being a CTE Champion! For any questions, please feel free to contact me at wasick@nd.gov.

Wayde Sick
State CTE Director

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State Director

North Dakota CTE

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Mark Wagner, Assistant Director,
North Dakota Career and Technical

Mission of CTE

The mission of the State Board for Career and Technical Education is to work with others to provide all North Dakota citizens with the technical skills, knowledge, and attitudes necessary for successful performance in a globally competitive workplace.

Assistant Director's Corner

Encouraging You to Participate in a CTSO Conference or Activity

- Mark Wagner, Assistant Director

The importance and value of Career and Technical Student Organizations (CTSOs) is greater than ever. They provide an excellent environment for students to develop global workforce readiness and project management skills that are learned in a Career and Technical Education (CTE) program. When implemented correctly by a dedicated and trained CTE instructor, the CTSO is an integral part of a well-structured, high-quality CTE program.

According to the Association for Career and Technical Education (ACTE), "CTSOs play an important part in preparing young people to become productive citizens and to assume roles of leadership in their communities. These organizations provide a unique program of career and leadership development, motivation, and recognition for secondary and post-secondary students."

CTSOs align with the 16 Career Cluster and 79 Pathways recognized by CTE. Currently, in North Dakota there are nine state and national CTSOs, and they are:

- DECA and Collegiate DECA – prepares emerging leaders and entrepreneurs in marketing, finance, hospitality, and management.
- FCCLA—Family Career and Community Leaders of America - is unique in that it focuses on more than career skills and professional goals as it also emphasizes balancing those things with family and community responsibilities.
- FFA – is dedicated to preparing students for leadership and careers in the science, business, and technology of agriculture.
- FBLA—Future Business Leaders of America and Collegiate FBLA - on the high school and collegiate level it has the mission of preparing students to become community minded business leaders by providing opportunities to learn career skills and gain leadership experience.
- HOSA - mission is to empower Future Health Professionals to become leaders in the global health community, through education, collaboration, and experience. HOSA actively promotes career opportunities in the health industry and to enhance the delivery of quality health care to all people.
- SkillsUSA—provides quality education experiences for students in leadership, teamwork, citizenship, and character development. The competitive events offered builds and reinforces self-confidence, work attitudes and communications skills.
- TSA—Technology Student Association - mission is to enhance personal development, leadership, and career opportunities in the areas of Science, Technology, Engineering, and Mathematics (STEM).

Listed in this newsletter are the dates of the CTSO's state conferences in March. If given the opportunity to attend a state conference, please do so. When attending a CTSO event, I have always felt the abilities and passion shown by the organizations elected leaders and advisors to be second to none and reassured the importance and value of not only CTSOs but also Career and Technical Education.

Thank you to all the members for making a wise decision in joining a CTSO and to the advisors (local and state) for all their dedication and time in making their respective CTSO a success.