



Wayde Sick, Director
Mark Wagner, Assistant Director

May 2022

Newsletter

Presenters for CTE PDC Sought

The ND CTE Professional Development Conference (PDC) is held annually at the Bismarck Event Center with over 600 ND CTE secondary and postsecondary instructors, counselors, and administrators in attendance.

Featured Workshops will be held on Tuesday, August 9, 2022. ND CTE is actively seeking **Featured Workshops** that engage participants, enhance skills, and broaden viewpoints. Workshops must grab the attention of at least one of the following participant learning styles: Listen and Learn, Engage and Connect, Explore and Create, or Participate and Share. **Featured Workshops** will be 45 minutes in length. **Featured Workshops** are selected based on their relevance and contribution to current CTE initiatives. Possible topic areas could include:

- [Advisory Council Best Practices \(how to get business involvement for small schools, partnering with community, running a productive meeting\)](#)
- [Work Based Learning \(off-campus opportunities\)](#)
- [Career Ready Practices \(how to assess them, how to incorporate them into existing projects\)](#)
- [Mental Health Awareness and Support/Social Emotional Learning](#)
- [Motivating Students](#)
- [CLNA - Comprehensive Local Needs Assessments](#)
- [Computer Science/Cybersecurity for All](#)
- [Work/Home Life Balance](#)
- [Teacher Burnout](#)
- [Veteran Teachers in Years 10-20](#)
- [CTSO classroom integration](#)

**Click Here to
Submit a
Proposal**

Consideration for each selected workshop will be based on the workshop content, instructor qualifications, and availability of facilities.

A \$100.00 honorarium is available for each non-commercial eligible Featured Workshops presenter. If there is more than one presenter in a Featured Workshop, the honorarium will be prepared for "Presenter #1" as listed on the proposal form. Presenters under contract to a school will not be paid an honorarium, because it is classified as a double payment. Presenters are required to submit their presentation materials to ND CTE so that they can be assessable to conference attendees.

Submission deadline is May 20, 2022. Contact Tracy Foss at trfoss@nd.gov or Tracy Becker at tmbecker@nd.gov with questions for the [workshops proposals](#).

Dates of Interest

May 20 2022

Deadline for submission to present at PDC

May 23, 2022

State Board for Career and Technical Education Meeting

June 6-9, 2022

ND FFA Convention
Fargo

June 13-15, 2022

CTSO State Officer Training
Bismarck

August 8-10, 2022

CTE Professional Development Conference

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CTE Around the State

Students in **Williston High School's** construction and trades class worked on a special project: building an actual house instead of typical homework. "It's hands-on (work) and you get to work with other people," said Peyton Summers, a junior at Williston High school. With their teacher and licensed contractor, Marc Davis, they are tasked with doing everything from assembling the deck all the way to the trim work inside the house. Everything is then inspected and made sure it is up to code. The house is just the latest project that students in this class are building. For 15 years, Davis and his students have built houses, shops, and shacks, giving them insight into what it's like to have a career in construction. "It's easier being in high school, but it's still nice knowing that these guys are going into that (field)," said Davis. The students said it gives them a path forward when they graduate from high school.



Works of art! Students in the Family and Consumer Sciences classes at **Rolla High School** have been developing the skills needed to make a quilt go beyond sewing. A well-crafted quilt requires planning, measuring, mathematical accuracy, attention to detail, and more. Nicely done, Rolla High School students! More quilts that were started as freshmen and finished as juniors!



The Cooperative Work Experience or WBL experience in Jamestown meets the needs of students and the community. The experiences are tailored to their career interests that are offered for school credit. It allows a student an opportunity to work hand in hand, often side by side with experts in the field, said Darby Heinert, assistant director for **James Valley Career and Technology Center** and assistant principal at Jamestown High School. Greg Moore (pictured) can be found working in the body shop or parts department at R.M. Stoudt after school; he attends JVCTC in Jamestown. The experience is open to junior and senior students in Jamestown.

Students enrolled in the **Central Regional Area Career and Technical and Technical Center** participated in a hands-on learning experience in April. Do you know what to do in an emergency medical situation? These students from **Flasher Public School**, **Wilton Public School**, **Washburn Public School**, **Underwood Public School**, **Dakota Adventist Academy**, **Kidder County Schools**, and **New Salem-Almont Public Schools** returned to their schools and communities CPR certified by the end of today. Students learned, practiced, and demonstrated life saving practices including CPR and proper use of an AED in both adult and child/infants.



Partnership Between Bobcat and Bismarck Career Academy

THE PARTNERSHIP DEVELOPED

The Bismarck Career Academy continues to strive for excellence in providing students the best education and skill preparation for the future. Another example of the excellent partnerships they have developed in the community is with Bobcat, a global company leading the industry in designing, manufacturing, marketing, and distributing top-tier compact equipment. This includes advanced loader, excavator, utility vehicle, compact tractor, and attachment offerings. The Bismarck Manufacturing Facility is the primary location for Bobcat excavators, small articulated loaders, mini track loaders, and aftermarket parts.

The Bismarck Career Academy welding program has partnered with Bobcat and provides them with employees who are skilled in welding. According to Dale Hoerauf, CTE Director, "Our goal at the Bismarck Public School Career Academy/Tech Center has always been to let students explore career choices. If they find a career that they like we want to then take them to the next level in their career path. That could be post secondary dual credit/articulation or straight to industry."



FROM HERE



TO HERE



TWO GOALS OF THE PARTNERSHIP

Instructor Luke Mellmer spoke with Dean Kuhn at Bobcat and quickly realized how the skills being taught in welding at the BCA coincide with the welding skills needed at Bobcat. There were two specific goals of the partnership: (1) to provide students with an opportunity to get first-hand experience at a welding facility before they commit to a welding job, and (2) to provide a business in our community reliable, technically skilled employees. Students who take welding for three years are enrolled in the Welding Capstone Course which allows for the instructor to work closely with students to assist with setting up a work-based learning experience. Three students that graduated in May 2021 are currently employed at Bobcat. Three students that are currently planning to graduate in May and have already been hired by Bobcat. There are specific skills required by Bobcat for the work-based learning experience include being well versed in the Gas Metal Arc Welding Process and a hands-on welding test.



THE PERSPECTIVE OF SENIOR BRENDEN BUCHHOLTZ

Students learn in the classroom, then apply those skills in the lab at the Bismarck Career Academy. According to Brenden Buchholtz, a senior at Legacy High School who has been working with Bobcat for almost a year and currently in the Capstone Program, said, "I like how you go through the learning process of welding from the ground up, you start with the easier things and work your way through the difficult welds, then test with a weld/bend test. I love working at Bobcat because you are in an enclosed building and do not need to worry about the weather. It's a great work environment." Brenden's career goal is to become a TIG welder and Pipe Welder, then Master Welder.



PACEY BOEHM TO START WITH BOBCAT IN MAY 2022

Pacey Boehm, a senior at Legacy High School, also attends the academy and takes welding from Mr. Mellmer. "I worked construction last summer which will help me at Bobcat. Taking welding has given me booth time and learning skills that will allow me to get a job right out of high school." Pacey recently passed the Bobcat Weld Test and starts working at Bobcat in May. He plans to be a Power Generation Tech.



Mr. Mellmer uses state standards in welding combined with Career Ready Practices to have students ready for the world of work. This prepares students for careers in welding. The partnership just adds to the quality of the program. "We are grateful for Bobcat to trust and allow our students to become familiar with a welding position," said Mellmer.

Thank you to students Brenden Buchholtz and Pacey Boehm, and CTE Director Dale Hoerauf and instructor Luke Mellmer for contributing to this article.

Regional Career Professional Workshops

Julie Hersch, Career Resource Network Supervisor

In the spring, the Career Resource Network hosts workshops in collaboration with business and industry focusing on a career cluster and the occupational opportunities available in North Dakota related to that cluster. This year's focus is the STEM Career Cluster. The workshop is designed to provide a learning experience about a specific business or industry and the opportunities available and consists of a tour of the facility along with staff presentations providing information and insight into future career options and career pathways for students. These workshops are offered in North Dakota's metro areas and are open to all education and career professionals.

The goal of the event is to raise awareness about the needs of employers and career possibilities for high school students. This opportunity helps professionals strengthen their understanding that careers in STEM and technical education can begin while students are in high school.

Williston and Minot workshops have taken place so far this spring with Bismarck and Fargo to follow later in April.



At the Minot International Airport.

The Bismarck workshop is scheduled at Bismarck State College with plans to tour the campus and presentations from the science and engineering departments. Fargo's workshop attendees will have a choice in the morning to experience either Microsoft or Doosan Bobcat and all will enjoy a tour and presentation at Marvin Windows in the PM.

The Williston workshop included multiple host sites. The group enjoyed a fantastic presentation by Anthony Dudas, Airport Director, and Tanner Overland, owner of Overland Aviation, on the opportunities available in aviation. We were then treated to a fun tour of the Williston Basin International Airport and Overland Aviation, which provides flight and pilot services to the airport. We concluded the day with a tour and presentation of the UAS Program at TrainND, where we learned about the fantastic future opportunities associated with unmanned aircraft.

In Minot, Jennifer K. Eckman, AAE Airport Director, hosted our group at the Minot International Airport. She presented to the group along with several airport employees about the many career opportunities available at an airport including operations management and air traffic control. Jessica Long, MOT Office and Administrative Specialist, took the group on a tour of the airport including a visit with TSA which gave us an idea of what the job is like from their perspective. From there we went to the SRE facility and learned about snow removal at the airport and ended the tour at AVFLIGHT, who provides the airport and Minot area with flight and pilot services. We were excited to hear about the employment opportunities at both airports and received advice that is applicable to high school students planning a future career.



At the Minot International Airport.

NDACTE Award Winners Announced at Region V in Rapid City

- Carla Hizon, NDACTE Executive Director

The ACTE Region V announced its 2022 Regional Award winners in ten different categories. Winners were announced for the Administrator of the Year, Lifetime Achievement, Teacher of the Year, New Teacher of the Year, Counseling and Career Development Professional, and Carl Perkins Community Service Awards.

North Dakota had six individuals that moved forward to the regional level: Administrator of the Year, Dale Hoerauf; Teacher of the year, Amy Kram; Counseling and Career Development, Kellie Meyer; New Teacher of the Year, Breana Bregel; Lifetime Achievement, Dan Rood; and Carl Perkins Community Service, Tony Boehm.

Region V Winners were announced at the Region V Leadership Conference held in Rapid City, SD. The awards presentation took place during the Awards Banquet on Friday, April 8, 2022.



The North Dakota winners for Region V are:

- **Kellie Meyer in Counseling and Career Development,**
- **Dan Rood in Lifetime Achievement, and**
- **Tony Boehm in Carl Perkins Community Service**

Awards recognize excellence and dedication within the field of career and technical education among ACTE members. Recipients of these awards are exceptional individuals who have contributed to the success of CTE through the quality of their work and their involvement in the CTE community. They serve as inspirational leaders within CTE, they embody the core values of serving their students and being committed.

CTE Region V winners will be nominated for the ACTE National Excellence Awards. ACTE Excellence Awards are presented at the ACTE Awards Gala in conjunction with ACTE's CareerTech VISION November 30-December 3, 2022 in Las Vegas, NV. Good luck to our ND Award Winners!

To learn more about the NDACTE Member Awards application process and requirements, [visit the ACTE Member Awards page.](#)



Annual Awards Program is Now Open for Skilled Trades Teachers

-Tracy Becker, Supervisor, Trade, Industry, Technical and Health Sciences Education

[Harbor Freight Tools for Schools](#), a philanthropic initiative of The Smidt Foundation, announced Wednesday, March 23 that applications are open for its annual Harbor Freight Tools for Schools, [Prize for Teaching Excellence](#).



This is Harbor Freight Tools for Schools' 6th year of hosting the prize! The prize will award cash prizes totaling **\$1.25 million** to 20 outstanding public high school skilled trades teachers and their programs. Five grand prize winners will each receive \$100,000 and 15 winners will receive \$50,000 each. They believe that skilled trades teachers are a huge part of solving the critical shortage of skilled trades professionals in our country.

Who can Apply?

Eligible applicants are U.S. public high school instructors who teach skilled trades classes that emphasize the expert use of tools and materials to build, repair and maintain products and structures. Most applicants will come from the following broad fields:

Carpentry

Electrical

Manufacturing

Transportation Mechanics and Repair

Construction

HVAC

Plumbing

Welding

Application judges are looking for strong evidence of past teaching success and future innovation, thoughtful and in-depth application, positive data results, inspirational storytelling, active engagement with learning modules.

How to Apply?

Applications are now open and will close Friday, May 20, 2022. Finalists will be announced Monday, June 27, 2022. To learn more or apply, visit hftforschoolsprize.org

A reminder that workshop proposals for the 2022 CTE Professional Development Conference are due May 20, 2022.

CTSO Leadership Perspective

"I have been a TSA officer for the past two years. It has been a wonderful experience and I'm proud to see how I've grown as a leader and a speaker. This past March, my state officer team along with our State Advisor Mrs. Foss, planned and conducted the TSA state conference. It was the first in-person conference since 2019. We had the opportunity to hold a social event for members, Mario Kart tournaments, Bingo games, and celebrate NDTSA's 25th anniversary. The conference went well and we learned that change can be a good thing. I can't wait for following years as a member of TSA!"

Alyssa Sadowsky is a ninth grader at Dickinson High School. She has been a member for three years and is an officer for North Dakota TSA.



State Director's Column

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

Planning for the 2023 Legislative Session

As we continue to plan for the 2023 Legislative Session, there are many groups that have Career and Technical Education and workforce needs as their priorities. One specific entity is the North Dakota Workforce Development Council. The role of the North Dakota Workforce Development Council is to advise the Governor and the public concerning the nature and extent of workforce development in the context of North Dakota's economic development needs. The Council is appointed by the Governor and is required to consist of over 50% private industry representatives. These industry representatives are scattered across the entire state, representing multiple industries.



The Council has drafted several priorities to address the workforce needs of the state and categorized them into four broad categories. Each of these categories have been assigned to a sub-committee of the Council.

The sub-committee that has a focus on Career and Technical Education is the Career Exploration and Skill Gap Subcommittee. Their top priorities are:

New and Expanding CTE Centers – Support the current initiative

Career Exploration – Increased focus on North Dakota's schools

Apprenticeship, Internships and Job Shadows – Expanding access to all students

The Council is now in the process of selecting key priorities and determine initiatives and potential Legislative requests, that will assist the state in meeting workforce demands. Between now and early June, each of the subcommittees are being tasked to do this work and report to the full Council. At that time, the council will publish their final priorities list for the 2023 Legislative Session. I will be able to share more at that time.

For any questions, please feel free to contact me at wasick@nd.gov.

Wayde Sick

State Director

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Assistant Director's Corner

Nominations for Director's Award of Excellence Sought

- Mark Wagner, Assistant Director



Mark Wagner, Assistant Director,
North Dakota Career and Technical
Education

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.

The North Dakota Department of Career and Technical Education is seeking nominations for the CTE Director's Award of Excellence. Administrators are encouraged to nominate a worthy program from their institution. This award is an acknowledgement of superior CTE programs in North Dakota. Nominations may be from secondary, postsecondary, or continued education levels that have been operational for at least two years in the areas of:

- Agricultural Education
- Business Education
- Career Development
- Educational Equity/Nontraditional Careers
- Family & Consumer Sciences Education
- Health Sciences Education
- Information Technology Education
- Marketing Education
- Special Populations
- Technology & Engineering Education
- Trade, Industry, & Technical Education

Applications are due May 31st, 2022.

Award winners will be recognized at the Annual CTE Professional Development Conference, which will be on August 8-10 at the Bismarck Event Center. A previous award winner is not eligible to win again until five years have lapsed. More information and an online application can be found at <https://www.cte.nd.gov/pdc>. Please consider nominating your worthy program.

Last year's Award winners:

- Agricultural Education – Mandan Public Schools
- Business Education - Minot Public Schools
- Health Sciences Education – Southeast Region Career and Technology Center
- Information Technology Education – Cass County Career and Technology Center
- Marketing Education – Fargo South High School
- Special Populations – Grand Forks Red River High School
- Technology & Engineering Education - Minot Public Schools
- Trade, Industry, & Technical Education – Aviation Program at Cass County Career and Technology Center