



Wayde Sick, Director
Mark Wagner, Assistant Director

September, 2020

Newsletter

NDACTE Teacher of the Year—Randy Wilson

Randy Wilson has taught approximately twenty-two different courses during his tenure at Mandan High School. During these 31 years, he helped expand the class offerings in Business Education at the school from five classes to the currently offered 13 semester units. Randy serves as department chair where he works with fellow teachers and administrators to compare students' needs with the classes offered.

Randy should be proud to say that many students, past and present, have made career choices based on the skills they have learned in his classes. Randy currently serves as Assistant DECA Advisor, starting that position in 2006. During these years, he helped increase the number of students from Mandan High School that qualify for the International Career Development Conference threefold. After serving as a volunteer advisor for the Mandan Future Business Leaders of America for several years, he was added as an assistant advisor in 2010.



NDACTE New Teacher of the Year—David Leier

David Leier teaches Agricultural Education at Killdeer Public Schools. He is an excellent teacher who provides students with meaningful and fun labs throughout his curriculum. Not only does he offer a lot of opportunities for hands-on learning but also utilizes problem-based learning, integrates STEM, instructs through inquiry, and stresses employability skills. Mr. Leier is constantly finding new ways to engage his students, whether incorporating cross-disciplinary collaboration or the acquisition of relevant equipment.

He works with an active advisory committee that is directly involved with making presentations and formal recommendations to the school board. He has also taken opportunities to partner with local businesses such as the hardware store, lumberyard, greenhouse, and grocery store.



Dates of Interest

September 21-23, 2020

Program Evaluation
North Valley CTC, Grafton

September 21-23, 2020

Program Evaluation
Grafton High School

September 29-30, 2020

Program Evaluation
Turtle Mountain High School
Virtual Evaluation

October 1, 2020

Program Evaluation
Four Winds Community High
School, Fort Totten

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Preparing Teachers Through Transition to Teaching Program

As the start of the school year begins, so does the Transition to Teaching program and a new beginning for some industry experienced individuals. Transition to Teaching was developed as an alternative preparation program for new, non-traditional teachers at the secondary level. The program allows a person to begin meeting requirements for full licensure while they carry out teaching responsibilities. The program includes workshops/seminars throughout the year in which participants learn the standards developed for effective teaching. The program also includes a mentorship program working with a university supervisor, completion of journalizing and reflection requirements, working with a content specialist, their state supervisor, and building administration.

The Standards of the program include:

- Standard 1: Designing Instruction;
- Standard 2: Establishing the Learning Environment;
- Standard 3: Identifying, Selecting, and Utilizing Instructional Resources;
- Standard 4: Delivering Instruction;
- Standard 5: Assessing Student Performance;
- Standard 6: The Participant as Professional Educator

This year the program has 23 participants who have finished their first training in Bismarck either on Aug. 14 or Aug. 28. The morning portion of the session included introductions and how to get the classroom started with planning of the physical or remote space of the learning environment, establishing rules and expectations to

follow, and worked through procedures and routines for the learning environment. The afternoon of the program included the importance of building relationships with students. Participants were given ideas for ice breakers and team building activities for both in the classroom and virtual that will maintain social distancing but help foster relationship building.

Best practices for ND Restart for CTE classrooms and lab areas can be found at www.cte.nd.us.

The next workshop will be held on Oct. 2 and will continue with the learning environment in more depth and focus on classroom management techniques.



Dr. Aberle shared best practices developed by CTE for the classroom and lab areas of CTE programs.

Dr. Denise Jonas Awarded NDCTEA Administrator of the Year



Dr. Denise Jonas is currently the Director of the Cass County Career Technical Education Center. She coordinates CTE programming for the four-member school districts of Central Cass, Fargo, Northern Cass, and West Fargo.

She is a tireless leader and advocate for career and technical education and is recognized by educators, business, and industry supporters on the local, state, regional, and national level as a thoughtful and driven person with a vision to make an impact on CTE. She is innovative and always looks for ways to grow, expand, and improve the programs offered to provide opportunities for students to excel in the career and technical fields.

She is a past president of the North Dakota Career Technical Education Administrators Association and is currently serving as the NDCTEA board representative on the North Dakota Council of Educational Leaders.

North Dakota ACTE Recognizes Teachers & Administrators

Photos and information submitted by Carla Hixon, NDACTE Executive Director



David Leier
Killdeer Public Schools
***Agriculture Education
New Teacher of the Year***



Shari Jerde
Grand Forks Public Schools
***Carl Perkins Community
Service Award***



Sarah Carkuff
Tioga Public Schools
***Family and Consumer
Sciences Education
New Teacher of the Year***



Jennifer Jung
Richard/Taylor Public Schools
Career Guidance Award



Lisa Keaveny
Southeast Region Career and
Technology Center
***Health Sciences Education
New Teacher of the Year***



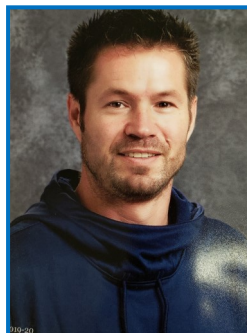
Dan Rood
Southeast Region Career and
Technology Center
***Administrator of the Year
Award***



Lisa Hoffman
Central Cass High School
***Marketing Education
New Teacher of the Year***



Dr. Brian Duchscherer
Carrington Public Schools
Former Chair of CTE Board
Champion of the Year Award



Travis Herman
New Town Public Schools
***Trades & Industry Education
New Teacher of the Year***



Jason Herner
High Point Networks, Bismarck,
Champion of the Year Award

North Dakota CTE's Biggest Secret

-Aaron Anderson, Supervisor, Agricultural Education and Farm Business Management

CTE programs across the state are providing high quality educational experiences for students. What a lot of people don't know is that those experiences are not just happening in our high schools and on our college campuses but also on the farms and ranches throughout the state. North Dakota Farm Management Education (NDFM) is a program made up of sixteen instructors across North Dakota, serving over almost five hundred farms and over eight hundred students. NDCTE provides grants dollars in cooperation with Bismarck State College, Dakota College at Bottineau, Lake Region State College, North Dakota State College of Science, and Glen Ullin Public Schools to provide programming. These programs are designed to provide education to farm owners and operators or persons interested in production agriculture.

NDFM instructors work one on one with their students, typically on their farms and ranches, developing an education plan that will meet their needs. This starts with the student establishing their business and personal goals. From there, the focus goes towards all aspects of accounting and record-keeping. With reliable record-keeping and a full understanding of their operation, a producer can make both production management and fiscal management decisions to improve the overall viability of the operation. Statistics have shown over the

last decade that producers enrolled in the program, versus those that are not, have generated over \$91,000 in added Net Farm Income each year.

An additional value of the program, for both the producer and general public, comes from the data that is generated by the instructors who do a business analysis of their farms. In partnership with NDSU Extension and The Center for Farm Financial Management, the data is compiled and released to the public. The producers can then compare themselves with other similar operations on various costs or spending on things like an acre of a specific crop or cost/per head of cattle. This helps them make decisions that will help the bottom line, which in turn helps the local community. Also, local, state, and national decision-makers can generate an understanding of the health of the production agriculture sector and can guide policy.

Hopefully, NDFM doesn't stay ND CTE's biggest secret, as the positive impact of the program can be felt in virtually any community across our state.

If you want to learn more about North Dakota Farm Management Education or want to encourage someone to signup, please visit our website at: www.ndfarmmanagement.com.

New Agriculture Innovation Center in Wahpeton Ready

The Southeast Region Career and Technology Center in Cooperation with the Wahpeton Public School District recently opened the new Agriculture Innovation Center.

This facility will serve not only Wahpeton Public School students but area SRCTC member schools that don't have an Agriculture Program. Instructional areas include Food Science, Agriculture Engineering, and Agronomy research greenhouse, and flex-space for all instructional activities. These spaces represent many of the newer curricular dynamics of Agricultural Education. Instructional spaces feature multiple 86 inch touch screen TV's, (no chalk boards



or white boards), flexible seating, and custom furnishings. A special feature of the student entrance space is a field stone fireplace constructed of stones from the farms of the original High School students enrolled in 1953 when the first Ag Program in Richland County was started. The structure was constructed by the North Dakota State College of Science Building Construction Program and numerous other North Dakota electrical and mechanical sub-contractors from SE North Dakota. The new and existing facility will serve over 250 students per day.

Learn more about the SRCTC at www.srctc.k12.nd.us

North Dakota Programs Receive Director's Award of Excellence

Southeast Region CTC

Agricultural Education

Instructors: Jeff Bjugstad, Tony Boehm, Breanna Bregel, Emily Hauck, Anna Kemmer, Angela Leier, Audra Montgomery, Desi Severance, Darin Spelhaug, Daniel Spellerberg, Cameron Young, Tanner Zetocha, and Cassidy Ziesch.



North Valley Career & Technology Center, Grafton

Health Sciences Education

Instructor: Valerie Heuchert



Larimore High School

Business Education

Instructors: Tyler Kjemhus and Julie Pearce



Central Regional Area Career & Technical Center

Marketing Education

Instructor:
Michelle Hoff



Sheyenne High School, West Fargo

Career Development

Career Advisor: Penny Aipperspach
Counselors: Mitchell Grunig, Krystal Haugen, Jessica Raiele and Jessica Steiner.



Southeast Region Career and Technology Center

Trade, Industry and Technical Education

Instructors: Anna Kemmer and Jerry Prante



State Director's Column

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

CTE's Vital Role in the Economic Recovery

As members of the North Dakota Career and Technical Education community, we are aware of the vital role CTE plays in our K-12 Education System and how it assists students in choosing a post-secondary career path. As we continue to cope with the COVID-19 pandemic, the nation needs to realize the vital role CTE plays in economic recovery.

The COVID-19 pandemic has had an overwhelming impact on our economy. Nationwide, in the first few months of the pandemic, millions of Americans became unemployed and employers shut their doors. In North Dakota, according to Job Service North Dakota (<https://www.ndlmi.com/gsipub/index.asp?docid=687>) over 78,000 individuals filed initial claims for unemployment in March, April, and May 2020. Although some individuals have re-entered the workforce, many have not.

Now, more than ever, CTE is important for the economy in North Dakota and the country. In our high schools, CTE prepares learners for college and careers. CTE in North Dakota offers programs that represent our state's industries:

- Agriculture
- Business
- Family and Consumer Sciences
- Healthcare
- Marketing
- Information Technology
- and Technology and Engineering, Trade and Industry

Our CTE students graduate at a rate over 95%, and 79% enters either post-secondary education, military, or workforce upon graduation. Our post-secondary CTE programs can continue to train traditional students and play a vital role, as unemployed individuals need additional training to regain employment.

AdvanceCTE, the national CTE state director's organization, has developed a number of resources to use as we continue to educate the public on the importance of CTE to our education system and the state's economy. Feel free to utilize them in your conversations. They can be found below:

<https://cte.careertech.org/sites/default/files/documents/fact-sheets/SecondaryCTE Economic Recovery July2020 FINAL.pdf>

<https://cte.careertech.org/sites/default/files/documents/fact-sheets/PostsecondaryCTE Economic Recovery July2020 FINAL.pdf>

<https://www.youtube.com/watch?v=L90ldPUFXzQ&feature=youtu.be>

As always, thank you for everything you do for our students and our state.



Wayde Sick

State Director

North Dakota CTE

Did you know...

Resources can be found to help you at....

CTE Conference Sessions:
www.cte.nd.gov/pdc

NDACTE Annual Meeting:
www.cte.nd.gov/pdc

CTE Covid19 Updates:
www.cte.nd.gov/covid-19-updates-and-guidance

CTE Distance Education Resources:
<https://www.cte.nd.gov/distance-education-resources>

CTE Course Codes and Standards:
<https://www.cte.nd.gov/standards-frameworks-course-codes>

The Department of Career and Technical Education is here to assist you during these unprecedented times. Our team is committed to providing you with information and resources that will allow you to continue to teach North Dakota's students skills that will put them on a career pathway to success.

NDACTE Innovative Program Award

Cybersecurity and Computer Networks, Associate of Applied Science (AAS), Bismarck State College

This Cybersecurity and Computer Network degree at Bismarck State College combines system administration fundamentals with a foundation in cybersecurity concepts. Classes focus on best practices to implement, administer, and secure operating systems and computer networks.

Students learn highly marketable technical skills and have the knowledge to meet the ever-changing technologies used in business and industry. Graduates are prepared to install operating systems, configure networks, manage servers, and other typical system administration tasks while maintaining fundamental security practices. Bismarck State College (BSC) is committed to providing high level cybersecurity training and awareness.



NDACTE Business Education Partnership Award

CHI St. Alexius Health, Dickinson, North Dakota

The local hospital in Dickinson serves an important role in the southwest region as a critical care access hospital. It also has various clinics attached to the facility. It has an impressive reputation for meeting its goal as an organization to provide quality, compassionate care.

As part of CHI St. Alexius Health's mission statement they support education and research to aid in their nurturing and healing. CHI St. Alexius Dickinson aids in the education area in a multitude of ways for Dickinson High School. The employees at CHI St. Alexius help educate DHS health science students as guest speakers, instructors of specialized classes such as CPR/first aid, and reach out to students for community involvement with health care needs that will benefit everyone.



CTSO Leadership Perspective

"I have taken Career and Technical Education classes every year of high school and as a result, have had the opportunity of being involved in DECA. My DECA involvement opened many doors for me and I've had many opportunities to apply the skills I've learned in the classroom. Competition is a major part of real world business and DECA simulates that level of competition. My favorite part of DECA is traveling to leadership conferences and learn from speakers from all across the country talk about business and marketing."

Garret Meehl, ND DECA President, is a senior at Oakes High School and a member of DECA at the Southeast Career and Technology Center in Oakes.



Assistant Director Corner



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.

CTE Program Evaluations Scheduled for 2020-2021

One of the roles of the State Department is to provide technical assistance for program improvement as we evaluate the programs across the state. All programs are evaluated, at a minimum, every five years as part of a team evaluation, or individually by the state staff. The evaluation review consists of

- **Commendations**—Strengths of the program.
- **Suggestions**—Opportunities that can improve the program.
- **Recommendations**—Requirements to fulfill the intent of the law/policy.

Our goal is that all programs are in a continuous improvement process to offer a quality program based on current standards. Annually, a minimum of ten institutions are selected for a team evaluation. All programs selected for a team evaluation are evaluated by a team of individuals. This year's schedule is listed below. For more information and to see the five year cycle go to <https://www.cte.nd.gov/EducAdm>

September 2020

21-23	North Valley CTC, Grafton
22	Grafton High School
29-30	Turtle Mountain Community High School, Belcourt

October 2020

1	Four Winds Community High School, Fort Totten
6	Flasher High School
13	Washburn High School
20	Wilton High School

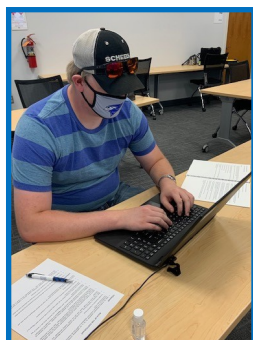
November 2020

2-4	Minot Public Schools
17-19	North Dakota State College of Sciences, Wahpeton
23-24	Nueta Hidatsa Sahnish College, Newtown

December 2020

2-3	Cass County CTC, West Fargo
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First Year Teachers Prepare for Class: CTE is Here to Help!



The staff at the North Dakota Department of Career and Technical Education provides technical assistance to teachers, counselors, and administrators throughout the school year. First year teachers in any CTE program are assisted through a visit and follow-up during their first year in the classroom. These visits primarily are during the first semester of the school year. This year, those visits will be either a visit to the school or a virtual visit due to distance learning and school restart procedures.

If you need anything during the school year, feel free to contact the North Dakota CTE Department at 701.328.3180 or contact the supervisor of your CTE program area.

Andrew Roorda prepares for his first year at James Valley Career and Technology Center in Jamestown, teaching Machine Tooling.

Preparing Your CTE Classroom With Adjustments

CTE teachers have had to be creative in preparing their classrooms this fall. It does not matter your program area, the classes you are teaching, or the lab areas you need for experiences for students, but everyone needs to make adjustments to their classroom. Hope Elise is starting in a new building with new classes to prepare for, but she also needed to make sure that she met all ND Restart practices in her classroom. The pictures feature Hope's classroom and lab area at Souris River High School in Minot. When asked about the change she said, "I am excited about making connections again in person and in new and different ways. Providing FACS skills for students to use in their every day lives helps in all times, but especially in times when there is a lot of uncertainty."

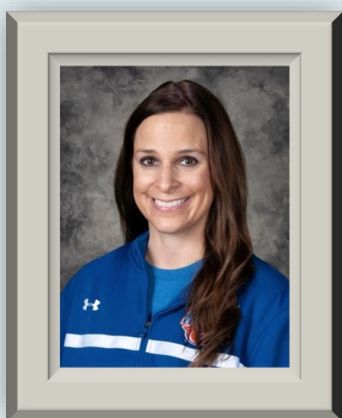
Hope Anderson

Hope is a FACS teacher at Souris River High School in Minot.

Hope was a high school CTE student in two program areas and is now a CTE instructor for Family and Consumer Sciences in Minot.



A Conversation with Holly Strand-Rysgaard, NDACTE President



Which CTE program area do you teach? **Health Sciences**

Where do you teach? **I started the program at West Fargo Sheyenne High School in 2013 and taught at Fargo Public Schools prior to that.**

How long have you been a member of NDACTE/ACTE? **8 years**

How can someone become a member of NDACTE/ACTE? **Membership can be done through the ACTE website. If you join by September 1st, you will be entered into some fun gift card drawings! Remember, too, for current members if you recruit a new member (Think new teachers in your building or division OR ones that have not joined yet) you can earn a \$35 member sign up incentive. This form is available through our Executive Director, Carla Hixson, and you should have seen it in a previous email. Your division rep is also a great start.**