



North Dakota Career & Technical Education  
Wayde Sick, Director  
Mark Wagner, Assistant Director

April, 2020

# Newsletter

## After 21 Years, Debra Huber Decides to Retire

Debra Huber has decided it is time to retire and enjoy some time with family. She is officially retired as of March 31, 2020.

I asked Debra a few questions before she could say goodbye. In her witty and creative way, she provided me with her answers.



**How many years have you been with CTE?**

21 and a half. Don't forget the half.

**What is your official title at CTE?**

Administrator, Educational Equity, Special Populations and Private Career Schools.

**Can you give me a quote?**

I have lots of favorite quotes, but here's a favorite from my top 10 movie list: "It's supposed to be hard. If it wasn't, everyone would do it. The hard...is what makes it GREAT!"—Jimmy Dugan in *A League of Her Own*. Everyone who has chosen to be in education will have days when they question their career choices. It helps to remember, "It is the hard that makes it great!"

**What are your plans in retirement?**

Retiring in the age of Covid-19 means a certain amount of flexibility is required. For now, lots of great books and movies await me. I plan to enjoy multiple virtual coffee dates and take better care of my flower beds. *Folks that know me may spot me flying by on the back of a large, black cruiser.* Post-covid? All bets are off!

Any inquiries you may have for her can be sent to Michael Netzloff ([mnetzloff@nd.gov](mailto:mnetzloff@nd.gov)) beginning April 1.

## Guenther Scholarship Deadline Extended

In light of the current situation with school closure/distance education, we are providing more time for students to complete the online application for the 2020 Guenther Scholarship. The new deadline for application and all supporting documents will now be April 15 at NOON. Please advise students of this change.

All information can be found here:

<https://www.cte.nd.gov/sites/www/files/documents/Students/GuentherScholarship.pdf>

## Dates of Interest

**April 15, 2020**

Guenther Scholarship Applications Due

**April 24, 2020**

Deadline for CTE Director's Award of Excellence Applications

**June 1-4, 2020**

FFA Conference Fargo

**June 8-10, 2020**

Combined CTSO Officer Training, Bismarck

**August 10-12, 2020**

CTE Professional Development Conference

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## PDC Featured Speaker Announced: Andy Masters

- Paula Marschner, Educational Data and Research Analyst



Andy Masters will be the keynote speaker for the 2020 ND CTE Professional Development Conference on Monday, and will be providing a Featured Workshop Session on Tuesday. He has presented the impactful keynote program "[How to Engage & Inspire Today's Generation of CTE Students](#)" as keynote speaker for more than twelve State CTE Conferences, and hundreds of other career and educational success events. Andy is an award winning author and international speaker who has written 5 books including "37 Keys to College Success: Balancing Student Life and Academics," "From High School2College," and "Things LEADERS Say."

## PDC Featured Workshops—Call for Proposal

- Craig Kleven, Assistant Supervisor, Agricultural Education and Don Fischer, Supervisor, Technology and Engineering Education

Career and Technical Education (CTE) provides cutting-edge, rigorous, and relevant education to middle school, high school, postsecondary, and adult students. CTE prepares youth and adults for high-wage, high-skill, high-demand careers in established and emerging industries. Students gain pathway-specific technical and academic skills as well as employability skills for success in any workplace. ND CTE educational program areas include Agricultural Education, Business Education, Career Development & Career Advisors, Family and Consumer Sciences, Health Sciences, Information Technology, Marketing, Technology & Engineering, and Trades, Industry, & Technical.

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. 2020 is the 50<sup>th</sup> anniversary of the conference.

**"Featured Workshops"** will be held on Tuesday, August 11, 2020. 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.

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

**"Featured Workshops"** are selected based on their relevance and contribution in the following areas:

- Apps and Technology for the Classroom
- Bringing Industry to the Classroom
- Curriculum and Instruction
- Developing Tomorrow's Leaders
- Industry Skills Needed for 21<sup>st</sup> Century Learners
- Career and Technical Student Organizations
- Mental Health Awareness and Support
- Professionalism

A \$100.00 honorarium is available for each non-commercial eligible "Featured Workshops" presenter. If there is more than one presenter in a "Featured Workshops", 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 accessible to conference attendees.

**Submission deadline is May 8, 2020.** Contact Craig Kleven at [crkleven@nd.gov](mailto:crkleven@nd.gov) or Don Fischer at [dgfischer@nd.gov](mailto:dgfischer@nd.gov) with questions for the "Featured Workshops" proposals.

"Featured Workshops" applications are only accepted online: [Click here to submit a proposal.](#)

## Two North Dakotan's Recognized with FCCLA Leadership Hall of Fame

Since 1945, FCCLA has been “leading the way” by cultivating youth to become leaders within their families, careers, and communities across America through Family and Consumer Sciences Education. In 2020, FCCLA will mark its 75th anniversary with a celebration of leadership. To help celebrate its 75th anniversary, FCCLA is launching a **Leadership Hall of Fame** to recognize and honor former and current FCCLA/FHA HERO members, advisers, and supporters who:

- **Have achieved success in their chosen professions**
- **Contributed significantly to their communities**
- **Helped FCCLA reach its goals.**

These members, advisers, and supporters honored in the FCCLA Leadership Hall of Fame, have utilized their skills to become successful leaders within their family, careers, and communities within various industries. Two North Dakota Family and Consumer Sciences Educators have earned this honor and will be inducted in July at their annual National Conference in Washington, DC.

### VICKI NEUHARTH

It has been Vicki Neuharth's privilege to work with teenagers for forty-three years in North Dakota. During this time she taught Family & Consumer Sciences (FACS) at the Junior and Senior High levels, then monitored



state and federally funded programs as the FACS assistant supervisor, and was supervisor for the ND Department of Career and Technical Education. The assignment most dear to her heart throughout these positions was working with members and advisers of Family, Career and Community Leaders of America. While serving as the FCCLA state adviser, Vicki was instrumental in developing long term peer education programs including the Student Body Team in conjunction with the March of Dimes and the Peer Leaders Preventing AIDS Team with the Health Unit of the ND Department of Public Instruction. FCCLA members trained in these areas brought up-to-date information to students throughout the state. As the state adviser for FCCLA, Vicki was responsible for the general management of leadership activities, workshops and meetings from the district through the national level. In the thirty-seven years she served as the state adviser, thousands of members and advisers benefitted from her leadership style that included targeted topics intertwined with challenging and fun activities. On the

national level, Vicki served the Central Region state advisers on the State Advisers' Coordinating Council and served three years on the STAR Events Coordinating Committee, chairing the national STAR Events in 2006. Through her membership in the ND Association of Career and Technical Education Vicki received the young educator, educator of the year, and distinguished service awards demonstrating her leadership and mentoring skills to all Career and Technical teachers.

### Dr. Mari Borr

Dr. Mari Borr is currently the Family and Consumer Sciences Teacher Educator at North Dakota State University. She is a professor in the School of Education, which is part of the College of Human



Sciences and Education. She earned her bachelor's degree in Home Economics Education from NDSU, her master's degree in Family and Consumer Sciences Education from NDSU, and her doctoral degree in Teaching and Learning: Higher Education from the University of North Dakota. Prior to coming to NDSU, Dr. Borr taught middle school and high school Family and Consumer Sciences in North Dakota for fourteen years. While in high school, Dr. Borr was the North Dakota FHA State Secretary. As a Home Ec. teacher, she was the advisor to an FHA chapter for 3 years. She learned much about herself, her students and FHA members, and FHA during those short years as she was able to see how FHA could impact the lives of youth. For the past 15 years, as the FCS Teacher Educator at NDSU, Dr. Borr has been preparing future FCCLA advisers. She is now able to impress upon a new generation of FCS teachers the importance of FCCLA, FCS courses, and the profession in general. She is also in a position where she can assist classroom teachers and the state FCS Supervisor with FCCLA events across the state. In 2011, Dr. Borr was the recipient of the North Dakota Family, Career, and Community Leaders of America Honorary Membership. In 2011, she received the Outstanding Career and Technical Educator of the Year award from NDACTE. She has received awards for Exceptional Contributions to Learning, Exceptional Contributions to Research, and Exceptional Contributions to Service/Outreach within the NDSU College of Human Sciences and Education, and was a 2019 recipient of the Great Plains Interactive Distance Education Alliance Faculty Excellence award.

## State Director's Column

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

### Be Bold and Be Safe

During the 2019 Professional Development Conference, I challenged everyone in the audience to **Be Bold**. I was confident many of you would take me up on my challenge. I knew many of you would try something new in your instructional practices, approach a new prospective business partner, try a new technology, or challenge students to do something they didn't believe they could do. At the same time, the Department was doing its part to **Be Bold**. We were writing a bold Perkins V State Plan, approaching new partnerships, and evaluating all our agency processes, with the intention to expand and strengthen Career and Technical Education.



Not in my wildest dreams did I think that we would all have to **Be Bold** because of a crisis. The COVID-19 pandemic has forced us all out of our comfort zones and to adapt quickly. Instructors, counselors, support staff, and administrators across the state are now determining how to provide instruction using unfamiliar methods and technologies. This had to be done while ensuring instruction is inclusive and does not lose the rigor and application that only CTE can deliver.

The Department is here to support you. We will continue to answer calls and emails in a timely manner, hold program-wide virtual meetings, and provide resources. The Department has developed a catalog of distance education best practices, tips, and resources. These include products that are currently offered by state and national partners and vendors. We will continue to add to this catalog as new resources come to our attention. The catalog can be found at the Department website at [www.cte.nd.gov](http://www.cte.nd.gov).

I commend you all for tackling this challenge. This illustrates the commitment to your profession, your students, your community, and our state. I admire the level of collaboration and innovation that is going into the District Distance Learning Plans. I appreciate your patience and flexibility as difficult decisions are made.

Thank you for all you do. You have my utmost admiration and gratitude. Finally, I encourage you to take care of yourself.

### Be Bold and Be Safe.

To best serve North Dakota Career and Technical Education programs, the ND CTE team has focused its efforts on finding resources that will enable teachers, counselors, and administrators to continue to provide instruction to North Dakota's students. Below you will find various pages, specific to program areas, where resources from local and national partners and vendors can be accessed for your use. Many are available free of charge. There is also a page for general best practices and resources on how to best deliver distance education. Check out the website at [www.nd.gov/cte](http://www.nd.gov/cte).

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Wayde Sick

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State Director

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North Dakota CTE

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### ***CTE Professional Development Conference***

***August 10-12, 2020***

- ***General Sessions***
- ***Featured Workshops***
- ***Industry Round Tables***
- ***Networking Opportunities***
- ***Program Area Sessions***
- ***Spotlight on Post-Secondary featuring Cankdeska Community College and Bismarck State College***
- ***Vendor Expo***



## North Dakota Teachers Recognized for Outstanding Contributions!

At the International Technology and Engineering Educator's Association (ITEEA) National Conference held in Baltimore, Maryland, in March, two North Dakota Technology and Engineering Education teachers were honored. Congratulations to these outstanding teachers and to their school districts and administrators!



Tracy Foss  
Central Valley Public School  
ITEEA Teacher Excellence Award  
for 2020



Sheila Larson  
Valley City High School  
"OM Hager" Advisor of the  
Year for 2020

Kelsey Brashears  
Mandan High School  
ITEEA Program  
Excellence Award for  
2020



Lisa Hoffman  
Central Cass High School  
North Dakota New DECA Advisor  
of the Year for 2020



## CTSO Leadership Perspective

"Career and Technical Education courses have given me more than just the knowledge to succeed; they've given me the skills necessary to solve any problems I may face in the future. CTE classes have taught me about problem solving, communication, and have prepared me to become a successful young adult in the workforce. The CTE classes I took when in middle school led me to the organization that has given me more than I can ever hope to give back; FCCLA. FCCLA has given me the leadership skills I already use in my everyday life. It taught me to face my fears and never back down from a challenge. CTE classes have changed my life and opened so many doors and opportunities I didn't even know existed."



*Kaylee Dickerson, ND FCCLA VP of Membership & Development, a senior at Lisbon High School.*

## Instructors Participate in Industry Sponsored Training Event

- Tracy Becker, Supervisor, Trades, Industry, Technical and Health Education

North Dakota High School Automotive instructors recently participated in a Professional Development Opportunity sponsored in partnership with Volkswagen of America, Valley Imports, Advanced Auto Body & Glass and Automotive Service Excellence (ASE) Education Foundation. Educators from North Dakota and Minnesota were invited to Fargo to participate in one of two tracks during the day-long event: Automotive Services and Automotive Collision.

North Dakota's Automotive Service instructors joined Thad Hagen, Volkswagen Fixed Operations Manager, who shared information about the latest Volkswagen's initiative into all electric vehicles in their 2021 vehicles. Thad also shared detailed information about lane assist components, calibration, and diagnostic procedures found on late model Volkswagen vehicles.

Automotive Collision Instructors were led by Ridgewater College's Joe Wambake and Kelly Rue who provided a full day of professional development including updated training in plastic welding and waterborne painting. To help aid in the promotion of Collision Repair programs, instructors were also equipped with easy

demonstrations to introduce younger students to the collision industry.

Industry partnerships are the key to successful instructor professional development. Valley Imports and Advanced Auto Body & Glass, both of Fargo, graciously opened their doors for these instructors to network, share, and learn new strategies/technologies to better support their students in the classroom. In addition, instructors were shown how to register their current senior students on-line to receive "Level One" factory training from Volkswagen through Valley Imports, giving them real factory credentials prior to leaving school.










## Enhancing Student Learning Through Self-Enroll Courses

- Tracy Becker, Supervisor, Information Technology Education

Just over 20 year ago, Cisco donated networking equipment to a local school, but soon realized that without proper training, their gesture would go unutilized. Technology is most powerful when combined with education. From that point, the Cisco Networking Academy was born, and they have never looked back. Starting with a need to train education staff to build and maintain their own network, the Cisco Networking Academy (Netacad) quickly grew to become an ever-expanding community of students, educators, employers, NGOs, Cisco employees and customers.

Today, the Networking Academy's reach is global, with millions of students worldwide. North Dakota has been a part of the movement for nearly 20 years offering free course work to 18 aligned academies (secondary and post-secondary schools). Though the course work is free, academy alignment is required to teach "instructor led" courses.

Newer to the Networking Academy is the availability to self-enroll courses. These free courses allow for students to build and further their computing knowledge in a variety of skilled areas for free. Teachers can create a class utilizing the Netacad system for all students or students can be encouraged to explore on their own and self-enroll.

Topic	Course	Benefits
 Cybersecurity	<b>Intro to Cybersecurity</b> (15 hrs)	Learn how to protect your personal data and privacy online and in social media, and why more and more IT jobs require cybersecurity awareness and understanding. Receive a certificate of completion.
 Cybersecurity	<b>Cybersecurity Essentials</b> (30 hrs)	Foundational knowledge and essential skills for all cybersecurity domains, including info security, systems sec, network sec, ethics and laws, and defense and mitigation techniques used in protecting businesses.
 Networking	<b>Intro to Packet Tracer</b> (10 hrs)	Designed for new users of Packet Tracer for self-study and familiarization with the tool used in many Networking Academy courses. Packet Tracer is an innovative simulation and visualization tool used for lectures, labs, games, homework, assessments, and competitions.
 Linux OS	<b>NDG Linux Unhatched</b> (6-8 hrs)	Eases learners into acquiring Linux knowledge, basic installation and configuration of Linux software, and the Linux command line.
 Programming	<b>PCAP: Programming Essentials in Python</b> (60-70 hrs)	Learn to design, write, and debug programs in Python. No prior programming knowledge required. Begin with the basics and become adept at solving more complex problems. Receive a certificate of completion and prepare for a certification.
 IoT	<b>Intro to the Internet of Things</b> (20 hrs)	Learn how the IoT enables Digital Transformation along with emerging technologies such as data analytics, artificial intelligence, and the increased attention to cybersecurity. Receive a certificate of completion.
 Business	<b>Entrepreneurship</b> (15 hrs)	Learn business and financial skills, behaviors, and attitudes. Develop an entrepreneurial mindset. Complete a series of interactive case studies. Receive a certificate of completion.

### North Dakota Career & Technical Education



*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.

### COVID 19 Pandemic: CTE Will Adapt

For the foreseeable future, our students will be learning from home using alternate methods. We know that you as educators are doing your best to support our students through the uncertainty of these times, while still trying to provide them with as many educational opportunities as possible.

The planning, the reaction, and the caring shown has reaffirmed my belief in education and all those dedicated individuals who are associated with education. One of the many challenges is ensuring that all students have equal access and opportunities to a high-quality education. In Career and Technical Education that means that true mastery of skills which may lead to credits, a certification, or a degree can create some challenging and unique situations.

I have had the pleasure in participating in several meetings of which the most inspiring was with CTE administrators in secondary and post-secondary telling us how they and their instructors are going to deal with this to have their students succeed. In dealing with such topics as how they would have access to the facilities and equipment needed with the flexibility of time to master those skills, the realistic possibility of graduation, and the end of what we had known as the traditional school year. With the regulations set forth by our government officials to keep the virus from spreading as little as possible, as I write this, we are still under a social distancing situation. When it is determined that it is safe and the social distancing is lifted, our various educational leaders have adaptable plans to accomplish success for our students.

Resources for teachers are being added to the North Dakota CTE Website daily. Check it out at [www.nd.gov/cte](http://www.nd.gov/cte).

Thank you, educators; once again you make me proud to say I am from North Dakota!

Stay up-to-date on all health-related COVID-19 information on the [North Dakota Department of Health website](http://www.health.nd.gov/diseases-conditions/coronavirus).

<https://www.health.nd.gov/diseases-conditions/coronavirus>