



# CAREER and TECHNICAL EDUCATION UPDATE March 1, 2019

## **CTE Spring Data Collection BEGINS March 1**

The Career and Technical Education (CTE) Spring Data Collection begins March 1, 2019 and ends April 30, 2019. This AIM collection asks schools to identify all 12th grade high school students who were enrolled at any point during the current 2018-2019 school year who meet the definition of a CTE Concentrator. CTE Concentrators are 12th graders who have earned three (3) or more credits in any CTE program in any combination during their years of high school. Currently enrolled CTE courses count toward credits earned. CTE Concentrators must have the '*CTE Concentrator*' box checked and an '*Area of Concentration*' entered into the AIM/Infinite Campus data system. If the student has a child or shares the parenting of a child, the '*Single Parent*' box should also be marked. High schools who receive funding from the Carl D. Perkins federal grant program must complete this CTE Spring Data Collection.

Instructions for completing the CTE Spring Data Collection can be found on the AIM webpage located at this [link](#). You can also find the AIM Collection Schedule here: <http://opi.mt.gov/Leadership/Data-Reporting/AIM-Achievement-in-Montana>

Questions regarding this data collection should be directed to the AIM Helpdesk at 1-877-424-6681 or send an email to: [opiainhelp@mt.gov](mailto:opiainhelp@mt.gov). Questions regarding CTE programs and/or the Carl D. Perkins federal grant program should be directed to Christy Hendricks.

## **PERKINS Remaining Funds**

The CTE Division of the OPI is sending this friendly reminder to all high school districts with an outstanding 2017-2018 Perkins allocation to please obligate your remaining funds before the end of the current school year.

If you have questions regarding your Perkins balance or any submitted cash requests, please contact **Leisa Blanton, Perkins Accountant**, at **406-444-4403** or email her at **[lblanton@mt.gov](mailto:lblanton@mt.gov)**.

If you have questions about obligating your Perkins funds please contact any CTE Specialist.

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**Megan Vincent:** phone 406-444-3599; email: [mvincent2@mt.gov](mailto:mvincent2@mt.gov)

## **Agriculture, Food and Natural Resources**

Well it looks like winter found us and wanted to catch up on the missed snow. I hope everyone is staying warm, I know I am looking forward to above zero temperatures. It was great to see many of you at the CTE Manager Trainings across the state. Just to clear up some questions, no agricultural education teachers will not be running in AET and CTE Manager. You will continue to use AET, I did find that many of you have questions about AET and will try to find some time to provide additional trainings. CTE Manager is not a requirement for CTE Programs to use, but a tool that we hope they will find helpful. I encourage you to continue to assist your CTE colleagues to utilize CTE Manager, this will be a valuable tool for all of CTE.

I know March will be a busy month as our agriculture programs and FFA chapters prepare for State FFA Convention in April. Myself, I will be out visiting several programs, working with teachers and advisory committees. There is currently a book study going on, if anyone would like to join us. The book *Answering Why: Unleashing Passion, Purpose and Performance in Younger Generations*, is written by Mark Perna, who will be a speaker at the ACTE Region V conference in Bozeman this April. I do have about 10 copies available to anyone interested.

Just a few reminders that Spring CTE data collection begins March 1<sup>st</sup> please make sure to work with your schools to get data entered before the April 30, 2019 deadline. My last reminder is that we are in a new biennium for Advancing Agricultural Education funds, the application and information about your NQPS surveys are available and you may apply until March 15th. For more information click on the following link. <https://goo.gl/JYr2of>

*Shannon Boswell*

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### **Montana FFA News**

Congratulations to the FFA Chapter from Missoula for being the first chapter to qualify a team for participation at the 2019 National FFA Convention in Indianapolis. The

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OFFICE OF PUBLIC INSTRUCTION  
STATE OF MONTANA



Putting Montana Students First **A+**

Missoula chapter earned first place honors at the MAGIE/KMON state meats competition held January 19<sup>th</sup> in Great Falls. The chapters from Kalispell and Grass Range placed 2<sup>nd</sup> and 3<sup>rd</sup> respectively. In addition to the meats competition, sales and service, agronomy and livestock contests also took place during this event. While not recognized as national qualifying events, Kalispell earned first place honors in sales, Choteau placed first in agronomy and Grass Range took home top honors in livestock.

About fifty-five teachers from across Montana attended the winter MAAE (Montana Association of Agriculture Educators) meeting which was held January 26<sup>th</sup> in Lewistown. Discussion topics included legislative work, Region I conference in Alaska, CDE days schedule in Great Falls and the upcoming State FFA Convention which will be held in Bozeman, April 3-6. In conjunction with the winter meeting, the Lewistown FFA Alumni hosted their annual mechanics competition. There were about 150 students competing for awards with the students from Missoula besting the rest of the field and earned first place team honors. The next competitions will be the Conrad Alumni Seminars on March 1st, CDE Days in Great Falls on March 2<sup>nd</sup> and 3<sup>rd</sup>, and a host of district competitions taking place throughout the next month.

The state officers are beginning work on state convention planning. We are excited to have A'ric Jackson serve as our keynote speaker and Luke O'Leary – the National FFA President participate at our convention. Approximately thirteen hundred students and three hundred parents will attend the annual convention.

Jim Rose  
Montana FFA Association

FFA information submitted by Montana FFA State Director, Jim Rose, phone: (406) 994-7050; Email: [ffajrose@gmail.com](mailto:ffajrose@gmail.com).

## **Business Education**

### **Montana Business Educators Attend & Lasso their Legacy at 2019 WBEA Conference**

Business educators from Montana traveled to Tucson, Arizona, over the President's Day weekend to attend the [Western Business Education Association](#)'s 2019 Conference. Hosted by the Arizona Business Education Association, the WBEA 2019 Conference—Lasso Your Legacy—was held in Tucson's Oro Valley February 14-17.

Over 100 business educators from across the western United States traveled to Tucson to participate in leadership training, hands-on technology workshops, instructional sessions, certification testing, exploration of curriculum resources and tools from national vendors, and professional networking.

During the conference, the annual meeting of the WBEA Executive Board was held. The [Montana Business Education Association](#) (MBEA) was represented by MBEA President Calie Wineinger (Froid Schools) and MBEA President-elect Casey Donahue (Polson High School). Additionally, Montana Business Education Specialist Eric Swenson also served on the WBEA



Executive Board as he is the WBEA Secretary and a member of the WBEA Executive Committee.

On behalf of the Montana Business Education Association, Calie Wineinger, Casey Donahue, and Eric Swenson submitted an Application to Host the Western Business Education Association conference in 2023 during the WBEA Executive Board meeting. The application was accepted and the WBEA 2023 Conference will held in Helena at the Best Western Premier Helena Great Northern Hotel, February 16-19.

MBEA President Calie Wineinger and MBEA President-elect Casey Donahue also participated in the WBEA Professional Development Leadership Training during the conference. The Professional Development Leadership Training is an opportunity to network, energize, and develop leadership skills. The workshop is sponsored by WBEA and state associations and encompasses the Presidents-elect workshop, Membership Directors workshop, and leadership training. Some of the topics the workshop covers include structure of professional organization leadership, communications, meeting management, and other leadership responsibilities.

The Western Business Education Association is the western regional affiliate of the National Business Education Association. The Western Business Education Association is comprised of business educators from the 10 western states, including Alaska and Hawai'i, as well as the Canadian provinces of Alberta, British Columbia, and Yukon and the Northwest Territories.

The Western Business Education Association's 2020 Conference will be hosted by the California Business Education Association at the Torrance Marriott Redondo Beach in Torrance, California, February 14-17.

Submitted by

**Eric Swenson**

Business Education Specialist

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## Montana Business Professionals of America March 2019 Update



The 2019 State Leadership Conference is set to take place in Billings on March 10-13. This year's theme is "Watch Us Grow". Eighty-two BPA chapters will meet for our annual State Leadership Conference. This year's conference will begin on Sunday at the MSU Billings main campus where the students will prepare for and compete in contests in over 73 categories, under five Assessment Areas including Finance, Business Administration,



Management Information Systems, Digital Communication & Design, and Management, Marketing, & Communication.

In addition to competing in contests, attendees will be offered opportunities to Monday attend the Virtual Events Showcase, our second annual Education Fair and workshops. This year's workshops are going to be very interesting, educational, and interactive. BPA Montana will also be offering a special event on Monday evening – a carnival! Post-Secondary Vice President, Connor Morrison from Helena, MT will be providing a welcome at the opening session.

For Special Olympics, this year we will be hosting our annual Montana Special Olympics walk! BPA Members will be walking to support this great cause. In addition chapters contribute by raising funds via our Chain of Love! Last year nearly \$14,000 Montana BPA donated last year!

A total of 1,214 individuals (1093 students, 97 advisors and 24 chaperones) will be attending with the goal of earning a spot to attend the National Leadership Conference in Anaheim, California in May.

Like us on Facebook-  **Business Professionals of America-Montana Association**

Submitted by  
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### **Montana DECA**



No update at this time.

For more information, please contact John Stiles, DECA State Director, at [decavpjohn@gmail.com](mailto:decavpjohn@gmail.com)

Submitted by John Stiles, DECA State Director.

## **Family and Consumer Sciences Education**

### **Family and Consumer Sciences & Family, Career, and Community Leaders of America Update**

The Montana Association of Family & Consumer Sciences Annual Spring Conference will be held in Bozeman from April 8 – 10; conference information has been sent out via email. If you'd like to receive it and haven't, please request it via email from Megan Vincent at



[mvincent2@mt.gov](mailto:mvincent2@mt.gov). Conference sessions include Jody Bartz, Ph.D. from MSU Early Childhood Education, Rachel Satori from No Kid Hungry, Chuck Munson from the Montana Department of Justice, Holly Mook from OPI, Panel of multi-disciplinary researchers from MSU, and Mitch Vaterlaus, Ph. D. from MSU. Networking and social time is also included in the schedule, so make plans to attend now!

The openings for FCS jobs in Montana has started: <http://jobsforteachers.mt.gov/index.html>. Check out the offerings in Lewistown, Malta, Wolf Point, Broadus, Browning, Harlem and Laurel; please spread the word to potential applicants!

National FCCLA Week took place February 11 - 15, 2019 and chapters around Montana were very busy promoting FCCLA within their communities! Now, the pressure is on with State Leadership Conference registration completed, and it starting in just a few weeks. Montana FCCLA hosts the State Leadership Conference in Bozeman, Montana March 21 – 22, 2019. We are still recruiting for volunteer judges for our competitive events on Friday, March 22. If you know potential judges in the Bozeman area, please encourage them to sign up here: <http://mtfccla.org/conferences/state-leadership-conference/competitive-event-evaluator/>. We are pleased to welcome the following exhibitors to our fourth annual College & Career Readiness Fair: Bequet Confections, Dawson Community College, Gallatin College, Helena College, Miles Community College, Montana Children's Trust Fund, Montana Department of Transportation, Montana No Kid Hungry, MSU Health & Human Development, Reach Higher Montana, Sheridan College, Success N Fundraising LLC, and Yellowstone National Park Lodges.

Respectfully submitted,  
Megan A. Vincent, FCS Education Specialist, Office of Public Instruction  
Melanie Young, Interim Executive Director, Montana FCCLA

**Megan A. Vincent**

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# **Health Sciences Education**

Health Science Update:

"Define Your Purpose" is the theme of our 15th Annual State Leadership Conference in Bozeman, March 12-13. In addition to the competitive aspect of the conference, there will be a vendor fair with 12 exhibitors, and over 20 educational symposia and workshops featuring everything from the Medevac Black Hawk helicopter to pig heart dissections led by Bozeman WWAMI students. Our Opening Ceremony speaker is Billings Senior High Chemistry and Earth Science teacher, Chris Beal, 2015 Montana teacher of the year recipient. National HOSA Executive Council President-elect, Vivian Do, UCLA microbiology, immunology, and molecular genetics major, will be in attendance and will host workshops. 2019-'20 Montana HOSA State Officers will be announced.

This year we are offering 32 competitive events in Leadership, Teamwork, Health Professions, Emergency Preparedness, and 11 knowledge tests during our two-day conference. New competitive events this year are Pharmacy Science and Surgical Technician, and an on-site Medical Spelling Bee.

Many CTE teachers attended the CTE Manager training held the week of Feb. 4-8. Next steps will be to determine program needs, work with the designer to implement changes, and begin training teachers throughout the summer and fall. This is a tool for schools to use to collect data on work-based learning hours for Perkins V and State CTE funding.

The office of the Commissioner of Higher Education and Office of Public Instruction are holding a series of meetings with Advisory members, stakeholders and the public regarding what goes into the Perkins V State Plan. Public hearings will be March 25<sup>th</sup> and April 17<sup>th</sup>. More information about time and location will follow.

To your health,

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## **Montana HOSA**



Montana HOSA is readying for their 15<sup>th</sup> Annual State Leadership Conference being hosted, March 12-13, in Bozeman.

This year's conference will feature over 35 competitive events and guest National HOSA Student Executive Council President-elect, Vivian Do. The 2019 keynote will be Craig Beals, teacher and nationally recognized science presenter, as well as 2015 Montana Teacher of the Year and 2016 recipient of an Award for Teaching Excellence by the National Education Association. Highlights of the conference include workshops hosted by Montana National Guard Black Hawk Medevac helicopter and its crew; Intermountain Therapy animals volunteers, pig heart dissections led by WWAMI students; scuba led by Gallatin Search & Rescue, and more. An Exhibitor Expo will be open March 12.

Submitted by

[Martha Robertson](#), State Director

Montana HOSA: Future Health Professionals

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## **Industrial, Trades and Technology Education**

### **Hypertherm's 2019 'Spark Something Great' grant program is now accepting applications**

The grant program, now in its 5th year, will award 12 grants that include:

- A Hypertherm Powermax45® XP plasma system
- The AWS SENSE approved Plasma Cutting Technology: Theory and Practice curriculum kit
- An in-person training session with a Hypertherm plasma expert.

Schools are selected based on commitment to welding and metal fabrication education, program need, annual number of students who complete the program, instructor plans for system use, and a student testimonial. Applications are reviewed by a team of Hypertherm marketing, sales and training associates.





Applications are due on or before **April 1**, with grant decisions communicated by **May 1**.

### **School criteria**

- Schools must be located in the USA or Canada. Public high school or secondary school, post-secondary technical or vocational school, college or university.
- Offer welding or metal fabrication course(s). Agree to use Hypertherm-provided products to teach plasma cutting and gouging during each welding or metal fabrication introductory course.
- Welding/fabrication program is stable and will continue to be offered for the foreseeable future.
- Winning schools and Hypertherm agree to allow mention of each other in marketing and public relations activities including printed publications, social, online, and other media.

More information and Grant application can be found at [www.Hypertherm.com](http://www.Hypertherm.com)

### **MASTERCAM WORKSHOP**

Highlands College of Montana Tech in Butte, has tentatively scheduled a summer Mastercam workshop on Thursday, Friday and Saturday - July 18-20-2019. CAMINSTRUCTOR will be facilitating this workshop. This is just before the HTEC Conference in Kalispell, Montana.

For more information, and to reserve a seat, Please Contact Tony Patrick, Department Head, HC Trades and Technical Programs: 406-496-3789 [apatrick@mtech.edu](mailto:apatrick@mtech.edu)

### **Multi-Meter Training**

Highlands College in Butte, will host a Multi-Meter Training for instructors on May 6<sup>th</sup> and 7<sup>th</sup>. This will be a 2 day training May 6<sup>th</sup> and 7<sup>th</sup> and will be at no cost to the teacher or school. Reserve your seat early to guarantee participation in this valuable professional development activity.

This is a great opportunity to learn the use of the Multimeter, receive industry certification, as well as earn OPI Renewal Units.

Reserve your seat early to guarantee participation in this valuable professional development activity.

For more information, and to reserve a seat, Please Contact Jerry Stewart [jstewart@mtech.edu](mailto:jstewart@mtech.edu) or call 406-496-3752

### **CLASS 4 Career and Technical Teaching License Renewal Coursework**

Due to the lack of availability to access in-state coursework that could be used to satisfy the Class 4 Career and Technical Teaching License renewal, especially the "Curriculum and Instruction in Career and Technical Education, and Teacher Safety and Liability, Highlands



College will be offering an 8 hour session on Wednesday, May 8. This course has been identified as meeting this section of the renewal requirement for a Class 4 A, B, or C, Career and Technical Teaching License.

This course will follow the 2 days of Multimeter Training at Highlands, and can be taken in conjunction with or separately. OPI Renewal Units will be available.

For more information, and to reserve a seat, please Contact:

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## **STEM GUITAR**

[WWW.GUITARBUILDING.ORG](http://WWW.GUITARBUILDING.ORG) \_\_\_\_\_ SUMMER 2019

The STEM Guitar Project will be hosting a series of **FREE** Electric Guitar Building, Acoustic Guitar Building, and CNC Institutes across the United States this summer, including:

**CNC Institutes:**      **Bozeman High School, July 22–26, 2019, Bozeman, Montana**

These week-long professional development events are funded by the National Science Foundation and designed to train teachers who are interested in establishing a guitar building course at their own schools. Faculty participants will receive a **\$300 stipend**, and will finish the week-long institute with their own custom-built guitar. In addition to building their very own instrument over the course of the week, participants will depart with instructional materials for educating students about the math and science behind the instrument as well as the engineering and technology involved in the building process.

This program, now in its eleventh year, has been tremendously successful in training new teachers and supporting existing programs in 48 states from coast to coast!

The online application is available at [www.guitarbuilding.org](http://www.guitarbuilding.org). Additionally, the attached brochure provides an overview of the STEM Guitar Project and details of the training institutes being offered this summer. Please pass it along to the appropriate personnel and help spread the word about this unique opportunity for educators and their students.

For additional Information, contact:

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**SkillsUSA**



SkillsUSA Montana concluded CTE Month with their state officer team meeting in Helena February 24-26, 2019, to prepare for the upcoming State Leadership & Skills Conference to be held at Montana State University – Northern in Havre, MT - April 8-10 and to attend a meeting with Lt. Governor Cooney and Montana State Superintendent of Schools, Elsie Arntzen. Even though plans had to be changed due to poor weather conditions, their spirits were high and they had a great planning session and are looking forward to a very successful conference. Officers took the opportunity to schedule an appointment and met with Representative Vince Ricci from HD55 at the Montana State Capitol. Their focus during the meeting was to thank Representative Ricci for his support of Career and Technical Education and to ask that he continue to work with the Legislature to recognize the importance of CTE. They also took the opportunity to tour the capitol building.

**SkillsUSA information submitted by Montana SkillsUSA State Director, Cassie Huntley, cell phone: (406) 461-5016; Email: [chuntley@skillsusamontana.org](mailto:chuntley@skillsusamontana.org)**



## Montana TSA



### Greetings from Montana TSA.

1. *Do things Sake of Doing Them Well*
2. *Plan (But Not Too Much)*
3. *Measure Twice, Cut Once*
4. *Work With What You Got*
5. *Cultivate Patience*
6. *Let Go of Your Ego*
7. *Develop Your Practical Wisdom*
8. *Mastery Brings Meaning*
9. *Find Your Workshop*

The Above continues to guide us in TSA. However (as Usual) shop teachers are great at adapting and perhaps a bit of risk taking. Sunday February 24th brought advisors and state officers all together in Helena along with some HOSA state officers.

Despite the snow, cold, bad driving conditions we made it and got together to plan and discuss the governors meeting as well as the upcoming state conference. Monday brought cancellation of the Governors meeting, but it didn't stop the teacher in us from having the kids contact legislatures and meeting with many representatives and senators. SO, the above which guides us - we did things well, we didn't plan too much, and we were patience. Below are pictures of our officers in Helena.





State offices with Lt Governor Coomey. TSA State officers/HOSA officers with Daniel Zolnikov

For information please visit our website:

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

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