

## ADULT EDUCATION and LITERACY

Rene' Yoesel, director  
CTE Advisory Council-October 26, 2020

### Adult Education and Literacy/Integrated English Literacy and Civics Education

The Missouri Adult Education and Literacy (AEL) Program provides assistance that helps Missouri adults get the basic skills they need to be productive workers, family members, and citizens. The major areas of support are Adult Basic Education, Adult Secondary Education, and English Language Acquisition. These programs emphasize basic skills such as reading, writing, math, English language competency, and problem-solving.

#### 28 Local Programs and 1 Virtual Program

- Three-year competitive grant cycle began July 1
- Additional carryover funds have been offered to programs, bonus funds that are usually offered for performance outcomes will not be available this year due to Executive Budget Restrictions
- Continued flexibility and guidance to allow for serving students virtually
- DESE AEL office is updating grant and allocation procedures for efficiency and compliance
- Recently submitted federal performance data which is used to determine success and direction of programs
- MOlearns virtual AEL program has seen an increase in enrollments due to the need for virtual learning

#### Continued Professional Development for Program Directors and Teachers

- Workshops that require teacher certification are now offered online
- Rules for certification were relaxed to allow for time gap in providing required workshops
- Additional workshops are being developed for online consumption

### High School Equivalency

The Missouri Department of Elementary and Secondary Education selected a new high school equivalency test that replaced the GED starting January 2014. Missouri's current high school equivalency test was developed by the Educational Testing Service (ETS) and is called the High School Equivalency Test (HiSET®). By taking the *HiSET*® exam, you can earn a state-issued high school equivalency credential which you can use to advance your career, join the military, begin a training program or continue your education.

#### HiSET Opportunities for Test Takers

- The majority of the public HiSET test centers shut down throughout the state of Missouri at the beginning of the pandemic leaving limited HiSET testing opportunities for all test takers, especially the high school seniors who needed to pass the HiSET in order to graduate from the MO Option program with a high school diploma.
- The DESE HSE office and the MO Option office worked together to create nine temporary testing centers throughout the regions in the K-12 schools to help MO Option Seniors complete their high school equivalency with the goal to graduate with a high school diploma. These temporary testing centers were open from June 1, 2020-August 31, 2020 which gave approximately **441** MO Option Seniors an opportunity to pass their HiSET.

#### 39 HiSET Test Centers and the New HiSET Exam at Home Service in Missouri

- In July 2020, due to the closure of public test centers, HiSET added a remote proctored HiSET Exam service, which makes testing now available in a secure location (at-home, at-school, etc.) with a remote proctor.
- Normally, Missouri has approximately 7,000 test takers that complete testing each year. While the year is not over, current data shows from January 2020-September 2020, only 4,104 test takers have completed their HiSET.

**Alignment of programs with WIOA partners (OWD, VR, DSS and others) for service delivery and performance outcomes including development of more Integrated Education and Training programs**

**Alignment with other DESE learning standards (example: English Language Learners)**

## **AGRICULTURE, FOOD AND NATURAL RESOURCES**

**Leon Busdieker, Director**  
**CTE Advisory Council - October 26, 2020**

### **Staff**

Ag Ed staff continue to be in the Jefferson building Monday and Tuesday and are working from home the rest of the week.

### **Ag Ed Updates**

The Elementary Ag Education pilot program has been implemented in 18 schools across the state. The focus of the pilot program is to provide elementary science teachers with curriculum and resources used to enhance instruction by engaging students in learning science through an agricultural lens.

Phase three of the Exploring Agriculture Curriculum project is currently under development. Agricultural Business and Agricultural Mechanical Systems content experts and industry professionals are providing input to create the list of competencies that will be addressed in the updated middle school agriculture curriculum.

State staff are using virtual options to provide technical assistance to teachers. Currently our primary focus on technical assistance is identifying and sharing virtual Ag Ed resources.

Ag Ed first and second year mentoring programs have been taking place virtually.

### **FFA Update**

Fall State FFA activities have been transitioned to a virtual format where possible. On the District and Area levels some activities have been held in-person with modifications and some virtually. Extensive planning is underway to determine if spring State FFA events can be held in-person with modifications or virtually.

# BMIT

Business,  
Marketing, and  
Information Technology

## MENTORING

- ◆ 7 teams this year (normally around 20)
- ◆ 8 modules covering the BMIT Resource Book were assigned prior to the September meeting
- ◆ Tech tips were shared throughout the meeting.
  - ◆ Playposit, Flipgrid, Quizzizz, Wooclap, Mural were all introduced to our teachers.

## CTSOs

Career and Technical  
Student Organizations

## DECA

- ◆ Elected District Vice Presidents (DVP) - October 2.
- ◆ State Action Team held a virtual Chapter Officer Training in October.
  - ◆ There were over 100 area chapter officers in attendance.
- ◆ Planning for virtual District Career Development Conferences (CDCs) in February and State CDC in March with Competition University as the virtual platform.

## FBLA-PBL

- ◆ Position is vacant.
- ◆ The BMIT administrative assistant and director are performing duties at this time.

## COLLEGIATE DECA

The State Career Development Conference will be held during the month of February through a virtual platform.

## MOACTE SUMMER CONFERENCE

- ◆ 77 MBEA members registered
- ◆ 33 MCEA members registered
- ◆ Speakers:
  - ◆ Jennifer Stubblefield, Certiport Teacher of the Year
  - ◆ Matt Silverthorne, from Youth Entrepreneurs
  - ◆ Todd Harris, addressed helping teachers and students move toward a positive cultural change
  - ◆ Industry Speakers: Learning Blade, Stukent, Pear Deck, MBA Research, and Everfi
  - ◆ Business and marketing teachers

## 50/50 FUNDING

All funds have been allocated to schools with FV-2 reimbursement requests due by February 1st.

Should any remaining funds be available at that time, a 2<sup>nd</sup> round of requests will begin.

## CIVIL RIGHTS COMPLIANCE

Gavin Allen, director  
CTE Advisory Council – October 26, 2020

### Methods of Administration Civil Rights Compliance

The Missouri Department of Elementary and Secondary Education actively supports the mission of the Office for Civil Rights of the U.S. Department of Education: "to ensure equal access to a high quality education for all students through the vigorous enforcement of civil rights."

The Missouri Department of Elementary and Secondary Education is required by an agreement with the U.S. Department of Education to conduct onsite civil rights compliance reviews annually for at least twelve (12) local educational institutions in Missouri that receive federal funds and that offer career and technical education programs. The selection of the local institutions to receive an onsite review is determined by a process approved by the U.S. Department of Education and based on criteria including demographic data relative to students enrolled in career and technical education programs, as well as the date of a previous review, if any. These onsite civil right compliance reviews consist of an on-site visit to the institution and interviews with the superintendent/president, principals, directors, guidance counselors, teachers and students, as well as classroom observation, review of records, policies, and tours of the physical plant and grounds to assess the institution's compliance with federal civil rights statutes.

In 1973, the Department of Health, Education and Welfare was sued for its failure to enforce Title VI in a number of education areas, including vocational education (*Adams v. Califano*). As a result of this litigation, the Department was directed to enforce civil rights requirements in vocational education programs through compliance reviews. The "Guidelines for Eliminating Discrimination and Denial of Services on the Basis of Race, Color, National Origin, Sex, and Handicap" were issued March 15, 1979. These guidelines explain how civil rights laws and regulations apply to vocational education and the Civil rights responsibilities of recipients of Federal financial assistance offering or administering vocational programs.

For the 2020-2021 school year, 13 secondary schools and 1 post-secondary institution will submit materials for desk audits. Normally, these reviews are conducted as on-site visits, but this year with the COVID-19 pandemic we will be conducting desk audits of local schools.

## DATA

Hollie Sheller, data accountability manager  
CTE Advisory Council – October 26, 2020

### MCDS Portal

The data collection system collects information at the individual levels and derives from these data the counts needed for aggregate reports. These reports are located on the Missouri Comprehensive Data System (MCDS) Portal: <https://apps.dese.mo.gov/MCDS/home.aspx> .

### Perkins Reports

The reports and resources section for College & Career will provide various reports showing aggregate numbers of the collection of Perkins data across Secondary, Postsecondary and Adult CTE Programs.

There are historical reports for Perkins IV and new reports for Perkins V which show the Core Performance Indicators that are currently being collected. If you aspire to have additional, more detailed information about the Core Indicators of Performance then please review the Help Documents located on this webpage: <https://dese.mo.gov/college-career-readiness/career-education/perkins-act/help-documents> and review the May 2020 documents for Secondary, Postsecondary and Adult.

# Engineering and Technology Education

Byekwaso Gilbert, director

CTE Advisory Committee Meeting – October 26, 2020

## Engineering and Technology Education Programming

Since the beginning of COVID-19, Byekwaso has been working with other Engineering and Technology Education Directors from other states to gain resources that they are using to assist their engineering and technology educators. We have gathered a number of great resources that has been helping enhance the STEM curricular for students at home, in school or blended such as the Engineering Live Virtual Series: Hands-on Design Challenge sponsored by TryEngineering.org.

Since virtually every convenience in our daily lives has been made possible through engineering, students are being afforded the opportunity to explore engineering career fields through games and activities as well as go on virtual field trips of engineering firms to see what real engineers do.

Recently, Byekwaso got a chance to attend a half a day virtual manufacturing day event held on October 2, 2020, through the Missouri Chamber Manufacturing Alliance where students were able to interact with CEOs, plant managers, HR managers and frontline production professionals from across the state of Missouri. Students, whether they watching from their homes or classroom, were able to hear from industry leaders such as The Boeing Company, Emerson, G 3Boarts, Kawasaki, Toyota and many more about the various career pathways available for them in manufacturing.

## PLTW & DESE

DESE has built a strong relationship with the PLTW organization and many Missourians are benefiting from the programming that they offer to many students and teachers. And since the Pandemic, Byekwaso has been working closely with the PLTW regional directors of School Engagement for Missouri to learn about the PLTW's distance learning and support for teachers and what course enhancements are integrated within the existing course delivery platform in order to provide alternative activities for flexible learning environments.

Byekwaso has attended multiple professional development workshops and regional Program Coordinator's Meetings to learn about the new PLTW resources that guide caregivers who teach students at home as well as the flexibility teachers need when restructuring the lesson plans to meet learners needs, thus giving everyone the ability to stay on track throughout the school year.

Byekwaso has been conducting research on the available Industry Recognized Credentials (IRC) for PLTW-Engineering Course. In the preliminary research, Byekwaso has discovered that when it comes to PLTW - Engineering IRCS, institutions that offer the PLTW Program have been concentrating more on articulation to postsecondary programs than industry-recognized certification..

## Technical Skills Association (TSA)

TSA Virtual Leadership Conference is scheduled for October 25 & 26, 2020. The State Officers have been educational videos with their fellow classmates to help them state engaged and motivated throughout the year. The officer team is also spearheading a campaign on Self-Care and Mental Wellness directed towards their peers to take self-care seriously, especially during this pandemic.

## VIRTUAL CONFERENCE ATTENDANCE

- **MoACTE Summer Conference:** Held on July 20-23, 2020.
- **SREB's National Workshop – Engaging Students in a Blended Instructional World:** Held on August 31-September 4, 2020.
- **ITEEA Leadership Forum:** Held on September 24, 2020

## **FAMILY CONSUMER SCIENCES AND HUMAN SERVICES**

**Theresa Struempf, Director**  
**CTE Advisory Council – October 26, 2020**

The Family Consumer Sciences & Human Services section is excited to have 15 protégés in our CTE mentoring program this year and held our first meeting virtually on September 25! It went very well and we hope to have a face-to-face meeting in the spring.

Several professional development opportunities for FCSHS teachers are being offered for the 2020-21 school year through the Missouri Restaurant Association, the University of Central Missouri, Missouri State University, and College of the Ozarks. All of the offerings for this fall are hybrid or virtual with face-to-face, hybrid or virtual formats all being a possibility for the spring.

A FCSHS TSA/IRC Guidance document has been posted on our website as well as to our listserv. We have the Missouri Paraprofessional Test recognized as a new TSA/IRC, and the ServSafe Food Handler plus ServSafe Food Protection Manager certifications as a new stackable credential. Earning both of the ServSafe certifications counts as one stackable credential; a student must earn two stackable credentials in order for it to count as an IRC. Some very marketable examples would be Basic Life Support, or the CDL.

Curriculum workgroups comprised of FCSHS professionals to develop scope and sequence documents, pacing guides, and sample projects for Food Science and HTMP have been reviewing standards and determining "big ideas" for each course. They are under the direction of the University of Central Missouri and DESE staff and plan to finalize their work before the end of 2020

We are continuing preparations to hold a virtual FCCLA Fall Leadership Conference. There will be a live kick off day on November 17, where participants can participate in a daylong series of programming and interactive activities. The state officers were in the office for one day to record information for the opening session, which will air that day. Conference participants will have access to over 300 hours of content through the platform for approximately 30 days after the kickoff date.

With the uncertainty of what the winter and early spring look like due to COVID, all regional FCCLA STAR Events competitions will be virtual. Our national office released the competitive events guide with modifications for virtual competition and the system that we use for registration has an online judging system that we will be using to help facilitate this process. We are hopeful that this will make the competition accessible by all regardless of what restrictions might be in place in January. We are also evaluating our options for our spring state conference and preparing for the possibility of a hybrid or virtual conference for the spring. We plan to make the official decision on conference format in December.

LifeSmarts online competitions are up and going. We are excited to announce that new team types are available for HOSA and SkillsUSA participants as well as the long-standing options for FCCLA and FBLA teams. Junior varsity and varsity teams compete for a chance to participate in the state competition, which is traditionally held the week after Thanksgiving. The decision has been made to move this competition virtually as proper social distancing would not be possible for an in person event without reducing the number of teams eligible to compete. We are working with the national level to develop protocols and procedures to hold the competition virtually including the use of an online buzzer system to allow head-to-head competition for teams.

## HEALTH SCIENCE EDUCATION

Shelly Wehmeyer, director

CTE Advisory Council – October 26, 2020

### RECENT ACTIVITIES AND EVENTS:

Shelly Wehmeyer has been working closely with **Project Lead The Way (PLTW)** national staff members who serve as regional directors of School Engagement for Missouri to attend a multitude of professional development workshops and meetings since the COVID pandemic began. She also attended all regional Program Coordinators' Meetings that were scheduled throughout the first two weeks of September on a virtual platform. Shelly Wehmeyer and the PLTW directors met with Mara Woody, assistant commissioner for postsecondary policy at the Missouri Department of Higher Education (MDHE) regarding the critical shortage of medical lab scientists. Continued discussions are in place, as a panel has been developed for a larger conversation. On October 21, 2020, Shelly will also present in a panel format at the "PLTW Biomed: Classroom Visit & Stories of Success" session to discuss the newly approved Industry Recognized Credential (IRC), the BACE exam, along with PLTW student success in Missouri HOSA.

As the Chair-Elect for the **National Consortium for Health Science Education (NCHSE)**, Shelly Wehmeyer attended the NCHSE Executive Council Board Meeting on August 10-11, 2020, which was offered virtually. NCHSE has provided multiple webinars since the COVID pandemic began to assist educators with additional resources. These are advertised on the Health Science Listserv and attended by many Missouri Health Science educators.

The **Health Science Fall Mentoring Meeting** was held on October 9, 2020 in a virtual platform. Morgan Ely from the University of Central Missouri presented on literacy strategies for the Health Science classroom.

Shelly Wehmeyer serves on several Advisory Committees across the state. Committee meetings and dates applicable from the last CTE Advisory Committee Meeting are below.

- **MoACTE Board of Directors Meeting at MoACTE Summer Conference:** Met July 20-23, 2020.
- **Mental Health Toolkit Meeting:** Met on September 16, 2020.
- **Governor's Organ Donation Advisory Committee (GODAC):** Met on September 18, 2020.
- **MoACTE Board of Directors Meeting:** Met on October 5, 2020.
- **Missouri Hospital Association Central Missouri Health Care HPOG Human Resource Committee:** Met on October 22, 2020.

### VIRTUAL CONFERENCE ATTENDANCE:

- **MoACTE Summer Conference:** Held on July 20-23, 2020.
- **Virtual Suicide Prevention Conference:** Began on July 30, 2020 and is ongoing.
- **SREB's National Workshop – Engaging Students in a Blended Instructional World:** Held on August 31-September 4, 2020.

### HOSA UPDATE:

Shelly Wehmeyer serves as the Missouri HOSA State Advisor. The Missouri State Officer Team has developed a mission to educate members on healthcare career opportunities through monthly **Wonder Wednesday Webinars** that began in August. The **Missouri HOSA Executive Committee Meeting** was held on August 18, 2020, where the annual budget was approved. Shelly Wehmeyer attended the HOSA State Advisors Meeting through a virtual platform on September 21-24, 2020. Planning is underway for the upcoming **Missouri HOSA Virtual Fall Leadership Conference** scheduled for November 6-7, 2020.

# SCHOOL COUNSELING

Chrissy Bashore, director  
CTE Advisory Council – October 26, 2020

## Missouri Connections

Missouri Connections is a comprehensive, online, career development and planning program that is provided free of charge to all Missouri citizens. This program supports the career development efforts of schools, community organizations, and adult job seeker programs. Missouri Connections helps individuals learn about their talents, skills, and interests and makes the connection between planning for continued education and the work world.

Missouri Connections promotes lifelong learning and includes assessments, career and college planning and financial aid resources. It is appropriate for elementary, middle, high schools, post-secondary institutions, as well as for agencies serving adult populations, such as employment offices, vocational rehabilitation programs and correctional facilities.

### Over 70 virtual trainings offered in the following areas:

- Missouri Connections & Clever Virtual Trainings
- Portfolio Management for Schools Not Using Clever
- Portfolio Management for Schools Using Clever
- Introduction to Missouri Connections for Schools Using Clever
- Introduction to Missouri Connections for Schools Not Using Clever
- Missouri Connections Assessments
- CIS360 Individual Career & Academic Plan (ICAP) 8<sup>th</sup> - 12<sup>th</sup> Grade Level Components
- CIS360 Individual Career and Academic Plan (ICAP) – Student Course Planner
- CIS360 Course Planner District/Site Setup
- CIS360 ICAP/Course Planner Follow-Up Session
- Site Administration – Advanced Features

### Maintain School District Clever Roster Summary/Log Sharing changes

- Overall – 98 districts/380 schools
- Implemented since 7.1.19 – 54 district/143 schools
- Implemented since 7.1.20 – 7 districts/19 schools

## CARES grant collaboration with Alive and Well Communities

- Monthly Learning Opportunities: (New topic each month)
- Training and Educator Support
- Trauma-Informed Leadership Academy
- Taskforce Development
- Youth and Parent Engagement
- Crisis Plan Document

**Show-Me SEL interagency development and alignment of programs Career Advisors virtual STEAM events in development**

## Skilled Technical Science

Dr. Oscar Carter, director  
CTE Advisory Council – October 26, 2020

### REMOTE TELEWORKING

Our team is in the office on Thursday's and Friday's and I work in the office every day.

### SKILLSUSA UPDATE

- Christy McElwain is our new SkillsUSA Director.
- State SkillsUSA Officer have set a Goal to increase membership by 20 for 2020.
- State SkillsUSA Officers have completed Engage Training.
- SkillsUSA Executive Council meet on October 9.
- Fall Leadership Conference will be virtual with a partnership with Nationals SkillsUSA on October 27, 2020.
- SkillsUSA national launched SkillsUSA Connect, a social service for all teachers, supporters, and students.
- SkillsUSA Website updated and improved

### SKILLED TECHNICAL SCIENCE UPDATE

- Mentor/Protégé program on October 2, 2020-we have 17 Protégés enrolled. The program has been improved to add a second meeting in spring and new curriculum for protégés.
- Skilled Technical Sciences website updated and improved
- Instructional coach presented on Framework at five career centers

### WORK WITH PARTNERS

- Missouri Apprenticeship Connect launched to provide connection between potential apprentices and apprenticeship programs <https://www.moapprenticeconnect.com/>
- Working with Cisco on promotion for curriculum and new Industry Recognized Credentials
- Presented on Registered Youth Apprenticeships to Workforce Job Centers
- New partner NASN CAPSA Task Force
- Meeting with WIOA Implementation Committee
- Meeting with Missouri Apprenticeship Team