

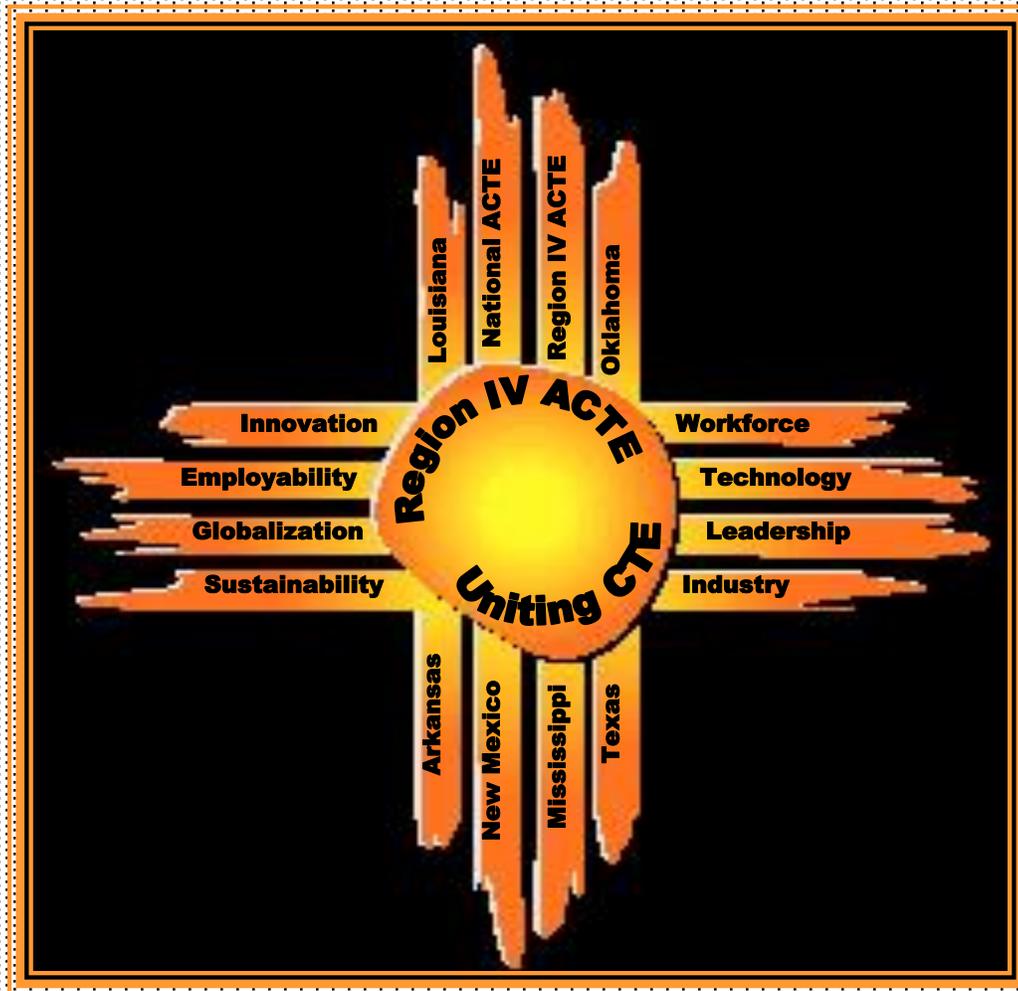
Region IV Conference



APRIL 17-19, 2024
ALBUQUERQUE, NEW MEXICO
EMBASSY SUITES HOTEL



UNITING CAREER TECHNICAL EDUCATORS...



CTE: EDUCATION THAT WORKS!!

New Mexico's distinctive insignia is the Zia Sun symbol, which originated with the Native Americans of Zia Pueblo in ancient times. Four is the sacred number of Zia and the figure is composed of a circle from which four points radiate. To the Zia, the sacred number is embodied in the earth, with its four directions; in the year, with its four seasons; in the day, with the sunrise, noon, evening and night; in life, with its four divisions ~ childhood, youth, manhood and old age. Everything is bound together in a circle of life and love, without beginning, without end. The Zia believe that in this great brotherhood of all things, man has four sacred obligations: he must develop a strong body, a clear mind, a pure spirit and a devotion to the welfare of his people.



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Registration Hours

Registration is located at the Registration Alcove and will be open during the following hours:

Wednesday, April 17th (7:30 a.m. – 5:00 p.m.)

Thursday, April 18th (7:30 a.m. – 1:00 p.m.)

Conference Badges

Conference Badges should be worn at all times during scheduled conference events, not only as a courtesy to other attendees, but also as an indication that registration has been completed.

Exhibit Hall Hours

The exhibitors are located throughout the hotel and will be open during the following hours:

Wednesday, April 17th (12:00 noon – 4:00 p.m.), as available

Thursday, April 18th (8:00 a.m. – 4:00)

Friday, April 19th (8:00 a.m. – 11:30 a.m.)

Conference Contact Information

NMACTE Board Members can be found to assist with any issue, throughout the conference. They will be located at the Registration Desk, for your convenience.





ACTE EXECUTIVE DIRECTOR WELCOME

Welcome to the ACTE Region IV Conference in the vibrant city of Albuquerque!

I am thrilled to extend a warm welcome to each of you as you gather to collectively focus on advancing your professional growth. In these dynamic times for Career and Technical Education, the spotlight on our programs has never been brighter. Both national and state leaders are turning to us to enhance student engagement and align education with the evolving needs of employers. With rapid advancements in technology, burgeoning career opportunities, and shifting work paradigms, the importance of professional development cannot be overstated.

At ACTE, we recognize the vital role that state associations play in our collective mission. Our partnership with state associations forms the bedrock of a unified platform that delivers unparalleled benefits to ACTE members and CTE professionals nationwide. The successful execution of this conference owes much to the dedication and support of New Mexico ACTE and other state association leaders, and for this, we extend our heartfelt gratitude.

As you navigate through the challenges and opportunities in your respective fields, rest assured that ACTE remains steadfast in our commitment to provide the support and resources you need. I encourage you to fully immerse yourself in the conference proceedings and take advantage of the invaluable insights and networking opportunities it offers.

Looking ahead, mark your calendars for CareerTech VISION 2024 in San Antonio, scheduled for December 4-7. Join us as we continue to chart the course for the future of Career and Technical Education.

Once again, welcome to the ACTE Region IV Conference. I urge you to embark on this journey of professional growth together, fueled by collaboration, innovation, and a shared passion for excellence.

Warm regards,

LeAnn Wilson

ACTE Executive Director



REGION IV ACTE VICE-PRESIDENT WELCOME

Welcome to the 2024 ACTE Region IV Conference! New Mexico ACTE has worked diligently to plan for an excellent professional development experience for all attendees at the conference this year. Our regional conferences are designed for CTE leaders to

- **CONNECT** with other educators from across their region to learn about best practices and new innovations
- **COLLABORATE** on strategies for expanding access to high-quality CTE and addressing shared challenges
- **CELEBRATE** extraordinary CTE programs, educators and award winners



Whether you are participating in one of the many fantastic pre-conferences, planning your breakout session schedule or looking forward to visiting the vendor hall, this conference has something for everyone. Additionally, there are some fantastic keynote speakers scheduled and leadership opportunities to become involved in during the conference.

I look forward to visiting with each of you this week and hope you are as excited as I am about the future of CTE. It is a great time to be involved in CTE. It's a great time to be from Region IV and it's a great time to be in Albuquerque!

Enjoy the conference,

Michael Culwell

ACTE Region IV
Vice-President



NMACTE PRESIDENT WELCOME



Greetings! On behalf of New Mexico ACTE, it is my great pleasure to welcome to you the Land of Enchantment! We are thrilled to host the ACTE Region IV Conference, here in Albuquerque, New Mexico. We are looking forward to welcoming educators and professionals from across the region to our vibrant city.

This conference promises to be an enriching experience filled with opportunities for networking, professional development, and collaboration. Albuquerque, with its rich cultural heritage, stunning landscapes, and warm hospitality, serves as the perfect backdrop for this gathering of passionate individuals dedicated to advancing career and technical education.

This year's conference underscores the importance of innovation, inclusivity, and excellence in career and technical education. Through engaging workshops, insightful presentations, and dynamic discussions, we aim to inspire and empower attendees to drive positive change in their respective fields.

In addition to the invaluable learning opportunities, we encourage you to take some time to explore the unique attractions that Albuquerque has to offer. Whether it's experiencing the flavors of New Mexican cuisine, discovering the art and culture of our diverse communities, or exploring the natural beauty of the surrounding landscapes, there is something here for everyone to enjoy.

We extend our sincere gratitude to all our sponsors, exhibitors, speakers, and volunteers whose support has been instrumental in making this event possible. Your dedication and commitment to the advancement of career and technical education are truly commendable.

We are confident that this ACTE Region IV Conference will be a memorable and rewarding experience for all participants, and we look forward to sharing this exciting journey with you. Once again, welcome to Albuquerque! We hope you have a fantastic time at the conference and enjoy everything our city has to offer.

Warm regards,

Michael Ogas

NMACTE President



CONFERENCE CREDITS



A VERY SPECIAL "THANK YOU" TO:

- **Presentation of Colors** provided by the Los Lunas Junior ROTC, under the direction of *CPT Eric Hedland*
- **Jazz Band & Choir Presentation / Entertainment on Thursday** provided by Grants High School, under the direction of *Band Director, William Griner*
- **The NMACTE Board of Directors** for their countless hours and wonderful guidance and assistance in planning the conference.

Board members include: *Michael Ogas, Jeff Waugh, Lane Widner, Milo McMinn, Curtis Clough, Kim O'Byrne, Celena Miranda, Merrilee Saige, Jessi Olson, Aaron Girdner, Kaydra Townsend, Manuela Klaassen, Clyde Ortiz, Jason Hayes, Christine Phipps, and Breezy Gutierrez*

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- Business Management & Administration
- Education & Training
- Health Science
- Hospitality & Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections & Security
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Join the Conversation
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CTE: Education that Works



Wednesday, April 17

Registration Open	7:30 a.m. - 5:00 p.m. / Conference Lobby
Creating Positive Culture Pre-Conference	9:00 a.m. - 11:30 p.m. / Sandia VII-VIII
MBA Research Resources Pre-Conference	9:00 a.m. - 12:00 Noon / Ocotillo II
Tour: Tri-Core Laboratory Tour #01	9:00 a.m. - 10:00 p.m. / Bus at Registration
Tour: Tri-Core Laboratory Tour #02	10:00 a.m. - 11:00 p.m. / Bus at Registration
Tour: Tri-Core Laboratory Tour #01	11:00 a.m. - 12:00 Noon / Bus at Registration
Exhibitor Set-Up	1:00 p.m. - 5:00 p.m. / Halls & Sierra II-III
Region IV State Leader Roundtable Discussion	1:00 p.m. - 2:00 p.m. / Ocotillo I-II
Tour: UNM Engineering Tour	1:00 p.m. - 3:30 p.m. / Bus at Registration
Region IV Policy Committee	2:00 p.m. - 3:30 p.m. / Agave
Tour: CNM Brewery Program Tour #01	2:30 p.m. - 3:30 p.m. / Bus at Registration
Tour: CNM Brewery Program Tour #012	3:30 p.m. - 4:30 p.m. / Bus at Registration
Region IV Fellows Meeting	3:00 p.m. - 5:00 p.m. / Sage
Region IV Committee Meetings	3:30 p.m. - 4:30 p.m. / Ocotillo I-II
NMACTE Fellows Meeting	4:30 p.m. - 5:00 p.m. / Agave

Thursday, April 18

Conference Registration	7:30 a.m. - 1:00 a.m. / Conference Lobby
Welcoming Session w/ Thomas Blackwell	8:15 a.m. - 9:45 a.m. / Sandia Ballroom
Exhibitor Time & Break Service	9:45 a.m. - 10:15 a.m. / Halls & Sierra II-III
Break-out Session I	10:15 a.m. - 11:00 a.m.
Break-out Session II	11:10 a.m. - 11:55 a.m.
Lunch & Networking with Exhibitors	11:55 a.m. - 1:00 p.m. / Sandia Ballroom & Exhibitors
Break-out Session III	1:00 p.m. - 1:45 p.m.
Break-out Session IV	1:55 p.m. - 2:40 p.m.
Exhibitor Time & Break Service	2:40 p.m. - 3:00 p.m. / Halls & Sierra II-III
Break-out Session V	3:00 p.m. - 3:45 p.m.
State Association Meetings	3:50 p.m. - 4:30 p.m.
<ul style="list-style-type: none"> - Arkansas - Louisiana - Mississippi - New Mexico - Oklahoma - Texas 	<ul style="list-style-type: none"> - Sierra I - Ocotillo I - Ocotillo II - Sandia VI - Sandia VII - Sandia VIII
Reception / Dinner at Sawmill Market	6:00 p.m. - 10:00 p.m.

Friday, April 19

Exhibits Open / Vendor Time	8:00 a.m. - 8:30 a.m. / Halls & Sierra II-III
Closing Session w/ Amy Loyd, Ed. L. D.	8:30 a.m. - 9:30 a.m. / Sandia Ballroom IV
Exhibitor Time & Break Service	9:30 a.m. - 9:50 a.m. / Conference Lobby
Break-out Session VI	9:50 a.m. - 10:35 a.m.
Break-out Session VII	10:45 a.m. - 11:30 a.m.
Region IV Business Meeting / Awards Ceremony / Lunch	12:00 p.m. - 1:30 / Sandia IV



Conference Registration

7:30 a.m. - 5:00 p.m.
Conference Lobby

The Big Picture: Best Practices for Supporting Students

9:00 a.m.—11:30 a.m.
ROOM: Sandia VII-VIII

Creating Positive Culture / The Big Picture: Best Practices for Supporting Students

Wednesday, April 17, 2024 (9:00 a.m.—11:30 a.m.)

The Big Picture: Best Practices for Supporting Students is a comprehensive, 3-part workshop designed to empower you as an educator! Workshop components will provide participants with a holistic approach to personal and professional development.



- 1.) Delve into the art of mindfulness, unlocking its potential to enhance focus and cultivate a resilient mindset.
- 2.) Revisit essential soft skills instructional practices, from effective communication to teamwork.
- 3.) Navigate the intricacies of employment facilitation with curated best practices for placement and preparation of career tech students.

Taking a Deep Dive into MBA Research’s Resources

9:00 a.m.—11:30 a.m.
ROOM: Ocotillo II

Taking a Deep Dive into MBA Research’s Resources

Wednesday, April 17, 2024 (9:00 a.m. - 12:00 Noon)

Join us for in-depth training in MBA Research’s premiere classroom resource – The Learning Center. During this session, we will walk through setting up a course and retrieving materials from the Commons database. We will review the Learning Activity Package (LAPs) components and best practices for classroom use and CTSO preparation. In addition, we will also look at State’s Connection – one of MBA Research’s best-kept secrets – and explore a treasure trove of resources to use. During this interactive session, teachers can ask questions, work together, and gather classroom resources for immediate use. Note: To make this a more in-depth experience, make sure you have a Learning Center Account prior to the session.



MEMBER STATES: This training opportunity is open to ‘Enhanced Member States’ (which in Region IV includes: **New Mexico, Mississippi, and Arkansas**). While it is open to anyone, only participants from those states will have an account to fully be able to participate in the training session.

Enjoy an extended stay in beautiful New Mexico! Please go to the Registration Desk for downtown dining maps, coupons, and rail runner information!



ALBUQUERQUE



Tricore Lab Tours

**9:00 a.m. - 12:00 noon
Tours with Bussing Provided**

Tricore Lab Tour

Location: Tricore Labs—1001 Woodward Place NE
(Tour #01- 9:00 a.m. - 10:00 a.m.)
(Tour #02- 10:00 a.m. - 11:00 a.m.)
(Tour #03- 11:00 a.m. - 12:00 noon)



TRICORE
CELEBRATING 25 YEARS

Tour participants will learn about the various lab departments, testing processes, and career opportunities. Tour provides an overview of multiple labs within the Core Lab including Histology, Anatomic Pathology, Chemistry, Hematology, Infectious Disease, the WASP Lab in Virology all the way to Molecular DNA and the Mass Spectrometer in Esoteric Analytical Chemistry.

The lab is a 3 minute walk from hotel, or bussing will be provided and will leave at 8:58 / 9:58 / 10:58 a.m. from the hotel entrance, by registration desk. You must be pre-registered to participate in this tour, as it's limited to only 15 participants, per tour.

CNM Brewery Tours

**2:45 p.m. - 4:30 p.m.
Tours with Bussing Provided**

CNM Brewery Tours

2:45 p.m. - 3:30 p.m. (departing hotel at 2:30)
3:35 p.m. - 4:30 p.m. (departing hotel at 3:25)



CNM Brewery Program Information

The Beverage Production and Management program teaches hospitality law, guest services, food pairing, menu management, brewing equipment and maintenance, beer production, and more. The program offers an Associate of Applied Science or certificate towards pursuing work as a Beverage Manager, Brewer, etc. The certificate and degree programs prepare students for a promising career in the brewing, distilling, or beverage management field. Learn about the underlying science of beverage production and management in lab-style classes located both on-campus and in commercial-scale breweries and distilleries. Our experienced instructors emphasize the rich history of beverage production in the state of New Mexico while encouraging exercise of creativity and innovation. The program offers a variety of degrees and certificates to help students in a dynamic and promising industry. The CNM Beverage Production and Management program is split into four disciplines: beer production, wine production, distilled spirits production, and beverage management. This tour is only for pre-registered participants, as there is a limit to how many will fit in the facility. Bussing is provided and will leave from the hotel entrance, by the registration desk.

UNM School of Engineering Tour

**1:00 p.m. - 3:30 p.m.
Tour with Bussing Provided**

UNM School of Engineering Tour

Wednesday, April 17, 2024 (1:00 p.m. - 3:30 p.m.)



At The University of New Mexico, they have a student-focused philosophy, world-class faculty, and exceptional student-faculty interaction which will give students the opportunity to pursue and achieve their goals. UNM Engineering offers a unique environment to learn, opportunities to conduct research, and practice within industry – all unmatched in the state of New Mexico and hard to find in the rest of the country. They have programs in the following areas of study: Chemical and Biological Engineering, Civil, Construction & Environmental Engineering, Computer Science, Electrical & Computer Engineering, Mechanical Engineering, and Nuclear Engineering.

You must be pre-registered to participate in this tour, as it's limited to how many will fit in the facility. Bussing is provided and will leave at 1:00 p.m. from the hotel entrance, by the registration desk.



Region IV State Leadership Roundtable

1:00 p.m. - 2:00 p.m.
ROOM: Ocotillo I-II

Region IV State Leadership Roundtable

Wednesday, April 17, 2024 (1:00 p.m. - 2:00 p.m.)

One goal of the Region IV Strategic Plan is to strengthen the working relationships and sharing of best practices between Region IV states. The roundtable will facilitate discussion of best practices and exciting news from your state, towards collaborating with other states, to solidify and strengthen each of our programs as well as Region IV. Please plan to join us if you are able, to share your wonderful ideas with the other states / leaders; we would like to extend a special invitation if you are part of your state's leadership / board of directors, are on the Region IV Policy Committee, or have participated in your state or Region IV's Fellowship Program!

Region IV Policy Committee Meeting

2:00 p.m. - 3:30 p.m.
ROOM: Agave

Region IV Committee Meetings

- Audit Committee - Nominating Committee
- Bylaws Committee - Resolutions Committee

3:30 p.m.—4:30 p.m.
ROOM: Ocotillo I-II

Region IV Fellows Meeting

3:00 p.m. - 5:00 p.m.
ROOM: Sage

Congratulations to the Region IV Fellows for 2024-2025!

Participants of the Cohort III of the Region IV Fellowship Program will grow as CTE professionals and gain additional knowledge and experiences to help in future leadership journeys! Newly appointed fellows are as follows:

- Mississippi: Erik Shows, Career & Technical Education Director
- Louisiana: Melissa Ward, CTE Lead Teacher
- Texas (TIVA): Rebecca Holland, Cosmetology Instructor
- Texas (CTAT): Alison Belliveau, CTE Executive Director/Principal
- Oklahoma: Amber Sutton, Marketing/Graphic Designer
- Arkansas: Jenny Marroquin, Family & Consumer Science Teacher
- New Mexico: Andy Placencio, Health Instructor



NMACTE Fellows Meeting

4:30 p.m. - 5:00 p.m.
ROOM: Agave



CTE PROMOTION - DONE WELL!



We create custom, professionally-produced CTE Promo Videos that help your CTE programs:

- Rapidly Increase Enrollment and Engagement**
- Maximize Program Funding**
- Engage Industry and Postsecondary partners**
- Attract and Retain Top Teachers**

Each CTE Promo Video features a different pathway/program, with engaging interviews from student ambassadors of the program and dynamic action shots that showcase the type of hands-on learning that happens in each of your pathways/programs.

We've created these for Dallas ISD, Richardson ISD, Northwest ISD, HEB ISD, Wylie ISD, Tomball ISD, Pflugerville ISD, Prosper ISD, Temple ISD, Allen ISD, New Braunfels ISD, Newark Public Schools, West Sound Technical Skills Center and Wichita Public Schools.

To see them for yourself, just visit www.CTEPromoVideos.com

**CTE
PROMO
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Conference Registration

7:30 a.m. - 1:00 p.m.
Conference Lobby

Welcoming / Opening Session

8:15 a.m. - 9:45 a.m.
Sandia Ballroom

- Posting of Colors by Los Lunas High School Junior ROTC
- Welcome to the Region IV ACTE Conference by Michael Culwell, Region IV Vice-President
- ACTE Welcoming by Steve DeWitt, ACTE Deputy Executive Director
- New Mexico Welcoming by Michael Ogas, NMACTE President
- Keynote Address by Thomas Blackwell
"We Bring About What We Talk About"



Thomas Blackwell is the CEO and Founder of Say Do Achieve, whose vision is to significantly improve the language and mindset of more than one billion people worldwide through authorship, inspirational talks and workshops, and peak performance coaching. He has given more than a thousand talks and workshops worldwide to school districts, corporations, executives, entrepreneurs, sales teams, athletes, religious groups, and students. His business experience runs deep as he has owned and operated a successful seven-figure insurance agency with more than one hundred agents in three different locations. While realizing significant success in business in 2004 he was asked to tell his story in seven minutes to a group of more than ten thousand people. His vocation immediately changed from that point forward.

Opening Session Sponsored by:

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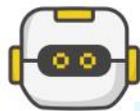


****A special thanks to these Gold Sponsors!**

Vendor Time & Refreshments

9:45 a.m. - 10:15 a.m.
Conference Lobby / Sierra II & III

Breaks Sponsored by:



****A special thanks to these Silver Sponsors!**



Breakout Session I **10:15 a.m. - 11:00 a.m.**

Defeating the Darkside: Understanding and Minimizing Technology's Impact on your Stress and Burnout

Meeting Room: Sierra I
Dr. Jason Reeves, Alma School District

Is the technology you use adding to your level of stress and burnout without you even realizing it? Defeating the Darkside shines the light on how technology is adding to your plate and causing you to burnout faster than you realize. By understanding the various ways technology induced stress (technostress) can impact your life, you can be intentional about minimizing the negative effects and regain some of your life, inside and outside of school. This workshop will explain technostress and the five technostress creators from an educators perspective, and will give you practical ways to cope with and minimize the technostress' negative impact.

Student, Social Media & Soft Skills

Meeting Room: Sandia VI
Kelli Lancaster, Microburst Learning

How many texts have you sent today? Do you scroll through social media first thing in the morning or check to see how many people have liked your post? Social media is a part of our daily society. Ensure your students understand the pros and pitfalls of electronic communication! Our interactive session focuses on 3 game changing tips for students to know how to effectively communicate with others, to understand possible consequences of posting, and to prevent negative outcomes that can occur through electronic communication. Participate in hands-on activities that build employability skills, focus on communication and preparing students for the workplace. (YES! Take these activities back to your classroom)!

Woodshop Safety that even Students Love!

Meeting Room: Sandia VII
Joe Mauck, St. Helens High School / St. Helens, Oregon

Tired of teaching the same initial safety over and over? What if you had brand new industry-certified engaging online training with tests attached and an automated system to let you know which students have done it? Free? Checkup on transfer students and assign to absent students; tests and videos in multiple languages; focus on hands-on coverage; covers 13 woodshop machines and tools; uniform and engaging safety videos; and made by teachers, for teachers. Every woodshop/construction teacher in the nation teaches safety just a little bit different than the next. Imagine if all students were taught the same initial safety, but teachers could then add their own insight to the hands-on portion? This free website has online tracking and the advantage of connecting industry to local high schools so they can receive the benefits of the same training.

From Data Integration to Student Performance Analytics, Level Up Your Graduation Plans

Meeting Room: Ocotillo II
Beth Holland, Read Write Digital

Join us to explore how an online, user-friendly Graduation Plan can drive students to organize their academics, pursue activities, and accomplish goals that support on-time graduation. Easily track student progress and capture their growth year-over-year.

Empowering Tomorrow's Leaders: Administrators' Guide to Supporting Career and Technical Student Organizations (CTSOs)

Meeting Room: Sandia VIII
Marissa Prentice, Activities Coordinator, Las Cruces Public Schools

Join us for an enriching workshop tailored specifically for school administrators, delving into the invaluable role and insightful impact of Career and Technical Student Organizations (CTSOs) as key contributors to both extra and co-curricular activities. This engaging presentation will not only highlight the significance of integrating CTSOs into the educational framework but also equip administrators with actionable strategies to actively support and champion these organizations within their schools.

Preparing Middle School Students for Career Tech By Using Career Exploration Activities

Meeting Room: Ocotillo I
Angel Hogan-Smith Kiamichi Tech – Poteau

Discover how Oklahoma middle school students are preparing to attend their local technology centers after exploring careers identified for them by results from career interest inventories and skills assessments on the Oklahoma Career Guide site powered by KUDER.

Making Music with Python

Meeting Room: Pinon
Mark Galassi, Institute for Computing in Research

In this demonstration, we take a brief trip through the physics, engineering, and mathematics of sound and music. This sets the stage for hands-on programming in which we generate musical tones and songs in Python, followed by having participants record their voice or music to produce spectrograms. This is an excellent workshop to demonstrate how Python programming can be applied to the academic content area.

CTE From A CFO's Point of View

Meeting Room: Board Room 209
Steve Maldonado, CFO at Grants Cibola County Schools

This session focuses on giving a CFO's perspective on CTE programs, instructors and issues with CTE grants management. CFOs can be imaginative, inventive and an amazing partner. In this session participants will also learn five ways that can result in getting the Chief Financial Officer or your Director of Finance to become a champion for all things CTE for you and your district. Mr. Maldonado has been the CFO at Grants Cibola County Schools going on five years now. A former high school English teacher and director of an alternative high school program, he spent 30 years in healthcare business development and finance. He was also a healthcare consultant serving over 1,100 employer clients. He was also an adjunct college professor for twelve years, teaching Speech, Small Group Communications, Economics and Business. For the past eight years he wrote and edited a weekly online healthcare finance newsletter that went out to 150,000 readers. And, he loves to cook!

The Exploding Esports Industry and Academic CTE Esports Pathways

Meeting Room: Agave
Jill Ranucci, Ph.D., CTE Consultant

The esports industry has grown exponentially since 2015. Global competitions yield millions in prize money and billions in revenue. How does this affect CTE IT and STEM pathways as well as the hundreds of orbital CTE careers? In-demand tech related careers are at an all-time high and will increase as world ideologies, environmental factors, and high-tech globalization flourishes. CTE students can explore high tech, in demand careers as they engage in academic esports. Esports has become an all-inclusive pathway (globally) for students of all learning styles and access to gaming facilities and virtual technologies continues to rise. Professional skills gleaned from these experiences include problem solving, analytics, teamwork, collaboration, communication and a plethora of skills mastery which leads to certifications in a variety of wide-ranging careers. Academic esports students are ready to begin mastering skills and engage in emerging technologies. Orbital careers provide areas with industry approved certifications to enter the workforce and/or pursue higher education. Industry leaders search for graduates that possess advanced technology acumen and professional analytical skills. Integrating rigorous CTE STEM curricula, esports, certifications and academic curricula allows students to graduate career, college, and military ready. Information regarding CTSO Esports competitions and committee updates will be included.

Breakout Session II 11:10 a.m. - 11:55 a.m.

CDX Learning Automotive Online Interactive Curriculum

Meeting Room: Agave
Jones & Bartlett Learning

Provide a demonstration of latest CDX Automotive curriculum that enhances the instruction and helps student's with engaging resources for learning using interactive multimedia such as 3D simulations and live video and audio content.

CTSO: Promoting Students 4Cs and Excellence in Teaching

Meeting Room: Sierra I

Dr. Jihyun Woo, Eastern New Mexico University

Career and Technical Student Organizations (CTSO) activities support student success in learning academic, technical, and employability skills. Incorporating CTSO activities into the curriculum provides a fruitful resource for project-based learning plans for teachers. It also helps to prepare and practice students in regional, state, and national competitions and better manage school chapters. This session will discuss the issues and challenges of integrating CTSO activities into a course. The Strategies of how teachers can plan more creative projects that enhance students' 4Cs (critical thinking, creative thinking, communicating, and collaborating) to lead excellence in teaching Career and Technical Education program.

Discover Drones: Making the Leap From STEM to CTE

Meeting Room: Ocotillo II

Ryan Byard, PCS Edventures

Drones are a highly engaging tool for making the leap from STEM Exploration to a number of CTE pathways. Acquiring an understanding of drone technology, including how to operate them, places students in an optimal position to explore career clusters where drones are flourishing, as well as those in which drone tech is just beginning to be explored. This session will showcase Discover Drones, PCS Edventures' most popular drone education program, as a strong foundation to explore a variety of career pathways.

Preparing Students for a Strong Tech Workforce

Meeting Room: Pinon

Jaime Cherry- Business Engagement Coordinator- NM Four Corners Regional Education Cooperative

Discover the vibrant intersection of IT and Cybersecurity workforce demand in this comprehensive presentation. Explore how to not only prepare students with skills for these sought-after careers but also equip them with sought after employability skills. I will share some career exploration strategies and insights into the ever-evolving tech labor market landscape and the challenges they face in acquiring and retaining talent. While traditionally perceived as distinct industries, IT and Cybersecurity exhibit significant overlap across every industry sectors, making these skill-sets highly portable and applicable to every career. The presentation will also provide access to tech resources aimed at students and educators.

Level Up: Dominating Challenges with Growth Mindset

Meeting Room: Sandia VIII

Jokae Lambson, Grants High School

Welcome to "Level Up: Dominating Challenges with Growth Mindset" at the ACTE Conference – where education meets the gaming realm! In this workshop, we're gearing up for an epic quest to unleash untapped potential and conquer career and technical education challenges. Just like leveling up in your favorite game, we'll explore the strategies of a growth mindset, transforming setbacks into power-ups. Join our gaming guild as we navigate through practical strategies, share epic tales of triumph, and engage in multiplayer discussions. It's time to equip yourself with the ultimate mindset power-up and dominate the ACTE arena – are you ready to level up? Let the gaming adventure commence!

Homebuying 101

Meeting Room: Sandia VII

Joe Mauck, St. Helens High School / St. Helens, Oregon

Whether you're buying your first home, investing in rentals, or flipping homes for your construction class, there are a lot of details that are critical for success! Learn real estate tricks, reading the market, deals that are not deals, and critical things to look for when buying your first home. As new CTE programs are springing up all around, building a new house is too often seen as the epitome a good construction program. Unfortunately, both teachers and admin are saddened to find out that without a good grasp of the market and materials costs, most programs are not sustainable. This class shows how having a good grasp of costs, trends, building concepts, building mistakes, and knowing where the major costs are can result in better investment in remodeling a home than in building new. Joe is a general contractor who teaches construction and heavy equipment operating in a state certified pre-apprenticeship program where they 'flip' houses for education!

Paying for School

Meeting Room: Board Room 209

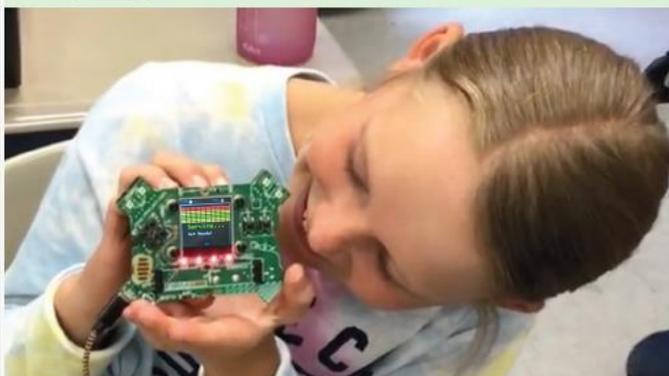
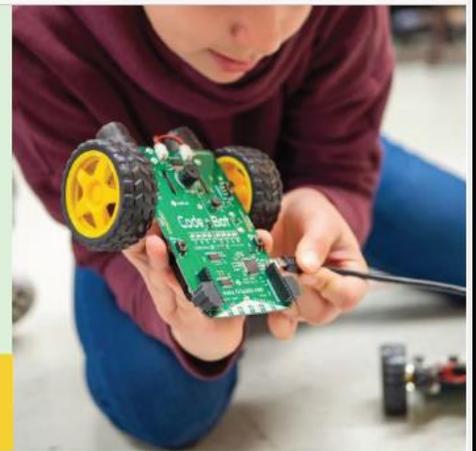
Toby Tafoya, UNM School of Engineering

This presentation will cover information on what grants and scholarships are available and a breakdown of the best practices to receive funding for college. This presentation will also include information to discern the difference between the Lottery Scholarship, the Opportunity Scholarship, the Pell Grant, and other scholarship/grant opportunities including non-institutional scholarships.

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Indigenizing Computer Science Curriculum

Meeting Room: Ocotillo I

Corey Ashley and Kim Schlesinger, Indigitize Computer Science

There's a lot of free, high quality computer science curriculum available, but almost none of it is designed for Indigenous students. In order to get more Indigenous students involved in technology, Indigitize Computer Science is working to create, support, and advocate for computer science education grounded in language, culture, and Indigenous values, and one way we do this is to indigenize existing computer science curriculum. We'd like to share some of what we've learned with you. By the end of this workshop, you will be able to define computer science, describe how teachers can start Indigenizing computer science curriculum by modifying existing assessments, and explain the importance of having computer science learning materials that allows students to explore the intersection of technology and Indigenous identity.

Sizzling Success: How Project Based Learning and High School BBQ can turn Your Program into a Money-Making Machine and Classroom Engagement and Community Outreach Tool

Meeting Room: Sandia VI

Chef Mike Erickson, National High School BBQ Association

We invite you to COME EAT OUR HOMEWORK! Learn how a High School FCS and Culinary Arts CTE teacher turned a classroom project and partnership with local FCCLA and FFA Chapters in a small Texas town into a National Association, contest, and program using Project Based Learning. This session will cover the history of High School BBQ, how to start a team, how to incorporate it into your classroom or CTSO, how to use it for fundraising, and how to engage a whole community around the time-honored American tradition of the outdoor cookout, A.K.A - a barbecue, tailgating, a picnic, or all out campus celebration, around live fire. MEAT Chef Mike Erickson~ the BBQ Principal and learn more at www.HSBBQ.org, home of the National High School BBQ Association... WHERE DREAMS IGNITE!

Lunch and Networking / Vendor Visit Opportunity

11:55 a.m.—1:00 p.m.

Sandia Ballroom & Exhibitors

Stay and visit the exhibitors for new and exciting ideas. Your support of the vendors is important, as they are supporting this conference!



Breakout Session III

1:00 p.m. - 1:45 p.m.

WorkKeys Industry Credentials and CTE Programs

Meeting Room: Pinon
Rachel Devine - ACT, Inc.

High school students want engaging and relevant learning opportunities that connect to life after high school. Whether students are initially college-bound or career-bound, they need to demonstrate both college and career readiness to be successful in the next phase of their lives. Students who are college bound typically take a college entrance exam, like the ACT, and if they are career-bound they may take a career readiness exam, like the WorkKeys. The WorkKeys assessment provides students with a skill-based credential (National Career Readiness Credential/ NCRC) that enhances a students' career potential by showing an employer that students can handle the kinds of tasks that are common in today's workplace. WorkKeys® assessments match an individual's employability skills with the demands of a particular occupation. Learn about how ACT's career readiness credential (NCRC) can help identify career pathways and ensure students are set-up for success. We will also discuss how New Mexico uses the WorkKeys assessment through the contract with DWS and opportunities for high school students in the state to take part in this testing. We will also discuss the new NRS approval for WorkKeys.

Accelerating Student Success through Innovative CTE Practices

Meeting Room: Sierra I
Dr. Kristopher Johnson and Mr. Larry Davis, Rio Rancho Public Schools

Rio Rancho Public Schools CTE Director Mr. Larry Davis and Dr. Kristopher Johnson, Principal of the new CTE High School in Rio Rancho will discuss the innovative practices that CTE Teachers are doing within RRPS. We will discuss how RRPS has developed a new high school in partnership with CNM that will allow students to complete their high school diploma while earning a certificate in one of the eight certificate pathways (Automotive, Computer Information Systems, Digital Media, Plumbing/Gas Fitting, Residential Carpentry, Residential HVAC, Residential Wiring and Welding). We will also discuss the recruitment of non-traditional students within the CTE High School.

Teaching Generation G(amer): Using Gamification To Drive Learner Engagement

Meeting Room: Agave
Nai Wang, KP Education Systems

Why are video games like Fortnite and Roblox so addicting? As educators, we often fail to understand why students are so disengaged, even when billion\$ have been spent as solutions to help students learn digitally - that's because solution providers don't understand gamification. This presentation examines how the minds of gamers work, what motivates them, and how video games can use incremental growth, rewards, achievements, and peer engagement to keep their attention. In an Age of InfoWhelm and Hyperinformation, students are constantly inundated with massive amounts of information that compete with what we teach. Now with ChatGPT, learners are further tempted by a Cheat Code. How can we adopt strategies that help learners sift through information overload while retaining what they have learned in the classroom? This session outlines how the addictive strategies of gamification can be translated into everyday classroom practice. Attendees will have access to an extensive digital library of resources.

Podcast 101 for Everyone

Meeting Room: Ocotillo I
Amie Kraenzel, Las Cruces Public Schools

Step into the world of podcasting with our comprehensive workshop, 'Podcast 101.' This session is tailored for those looking to dive into podcasting, whether for serious content creation, classroom integration, or entertainment. Ideal for educators and aspiring podcasters, this workshop will equip you with the essential skills and knowledge to start your podcasting journey!

CTE From Scratch – the Convergence of Media and Construction Programs at Grants High School

Meeting Room: Sandia VI
Ron Gonzales and Jessie Rivera, CTE Instructors at Grants High School

With great assistance, Grants High School teacher Ronald Gonzales built a burgeoning mass media program from the bottom up, while teacher Jessie Rivera has renewed and revitalized the School's residential construction program. This presentation will outline how schools and teachers can create or expand their mass media programs, starting with just a few simple steps. Mr. Gonzales will share information about journalism-related exercises he uses in class, while Mr. Rivera will discuss various class projects that have elicited great response from students at GHS. Both teachers will discuss how they have merged their two programs to collaborate on project-based endeavors for students at School and money-making opportunities in the community. This comes as they move towards building self-sustaining programs, and thus, a robust Skills USA CTSO and strong Career/Technical Program at GHS overall.

Bridging the Gap Between Academic Learning and Career Application

Meeting Room: Sandia VII
Dr. Joseph Goins, Pathway2Careers

Experience Career-Connected Learning in action! Career connectedness and career relevance in academics hold the key to reigniting the passion to learn for disconnected students, for changing the story about sagging proficiency rates (especially in math), and for preparing a new generation of highly-skilled, highly-qualified talent for our communities and our country. Come learn about the New Mexico model for Career-Connected Learning that is delivering highly successful solutions for teachers and students and blazing the trail for the next generation of CTE.

"Show me what YOU'RE working with!": How Electronic Portfolio Impacts CTE Students

Meeting Room: Ocotillo II
Teresa Harper, Metropolitan Career Technical Center

Come explore how Electronic Portfolios can be used as a dynamic tool to showcase student achievement with project-based learning. Learn how: to collect substantive artifacts and activities / to train students to become great time managers / to create guidelines for assessing performance. Help your students gather evidence that will "Show Future Employers what THEY'RE working with!"

IET Healthcare Pathways

Meeting Room: Board Room 209
Mitch Rosin, Aztec Software

This session will review IET models with a focus on entry level healthcare careers, one of the fastest growing career pathways in the country. Session topics include the three components of IET—adult education and literacy, workforce preparation, and workforce training—as well as an overview of how dual enrollment in a high school equivalency program along with pharmacy technician training can lead to employment in a high-demand and high paying occupation. Aztec’s digital series’, including it’s Healthcare Training programs, are idea for dual enrollment for high school diploma/equivalency candidates and/or for IET programs focusing on healthcare career pathways.

Our Top Ten: MBA Research’s Top Ten FREE Resources for the Classroom

Meeting Room: Sandia VIII
Tammy Cyrus, MBA Research & Curriculum Center

MBA Research offers a variety of FREE resources for marketing and business administration teachers, which can become overwhelming in deciding which resources to use. Learn about the top 10 resources teachers use and leave with a list of ready-to-go resources for your classroom.

Breakout Session IV **1:55 p.m. - 2:40 p.m.**

Take your CTE Program to the Next Level with TSA

Meeting Room: Sierra I
Clara Raley, NM State TSA Director
Pam Cook, TX State TSA Director

Imagine an activity so captivating that your students spend hours working on it for weeks at a time. That is what can happen when Technology Student Association members engage in a TSA program. As a TSA chapter advisor, you can provide your students with the opportunity to be a part of a national CTSO that promotes and recognizes excellence in technology and engineering students through applied STEAM competitions and leadership activities. Come learn more about TSA and the endless possibilities for engaging your students and enhancing your classroom curriculum.

Region IV Fellows Program Recap

Meeting Room: Pinon
Region IV Fellows and Dr. Brent Casey

The 2024 Region IV Fellows will share their experiences over the past year as they have explored the structure, leadership development, membership and best practices of each state association within Region IV. The cohort will highlight their takeaways from the program and what their professional goals are as they continue to grow as a CTE leader.



Learning by Doing - Career Exploration with Augmented/Virtual Reality

Meeting Room: Ocotillo I

Ben Peterson, Director of CTE Solutions, zSpace, Inc.

Discover how districts across the southwest are motivating CTE students through creative approaches that include augmented and virtual reality. Learn how many Arizona elementary, middle, and high school students are exploring careers in STEM, Health Science, Advanced Manufacturing, Agri-Science, and Transportation pathways and preparing for industry credentials before even stepping foot in a lab or workshop! Learning Objectives:

- * Understand the AR/VR landscape and which are aligned to career exploration activities and CTE certifications.
- * Discover clinical evidence supporting learning gains through learning with AR/VR. * Identify funding sources for new technology.

Incorporating Industry Certifications in CTE

Meeting Room: Sandia VIII

Carolyn Berry, iCEV

Industry certifications validate students' knowledge and skills, infuse career readiness into the classroom and jump-start students' careers. Because industry certifications are based on real-world industry standards, students who earn certifications are more likely to experience academic and career success. Certification earners often achieve higher grades, secure better employment opportunities and earn higher wages. In this session, learn how easy it is to incorporate industry certifications in any learning environment and set your students on a path for success.

Construction Programs implementation & NCCER High School Builder Program

Meeting Room: Sandia VII

Matt Clark & Kim-Marie Espinosa, NCCER National Center for Construction Education and Research

Providing construction education is now easier than ever. NCCER's new High School Builder Program will help your school establish a high quality construction program in a simple and cost-effective way. The NCCER High School Builder Program is designed specifically for schools that are just starting their construction CTE journey by providing expert guidance and support to overcome the obstacles of setting up a successful CTE program. In addition, our Core: Introduction to Basic Construction Skills incorporates applied math along with employability and communication skills to help your students gain the life-ready skills needed to succeed in the workforce. See how NCCER's expert-built, industry recognized curricula and resources and High School Builder Program can excel your CTE Program!

Using Drones to Empower Students Across the Whole Campus

Meeting Room: Sandia IV

Brandon Turk, Rocket Drones

Rocket Drones was created by drone company owners and industry professionals. The Rocket team knows what students need to know to be employable, and through drone racing we are producing not just certified pilots, but qualified pilots with all of the skill sets needed to succeed. From storyboard, to lighting, film settings and editing, Rocket Drones is building the professional pipeline of pilots that industry needs.



Industry-Led Advisory Boards: Louisiana's Regional Approach to Get the Right Stakeholders to the Table

Meeting Room: Sandia VI
BJ Bertucci, Louisiana Community & Technical College System

Many times when an advisory board meets, the decision-makers are not at the table. Other times, it is a meeting where educators talk and employers have little to no voice. For successful advisory boards, employers must drive the conversations. This presentation will share Louisiana's approach to regional industry-led advisory boards. These boards are a majority of employers, chaired by an employer, and advise education on equipment, programming, instruction, and work-based learning opportunities. A step-by-step process will outline how Louisiana's regions are starting these boards and ensuring stakeholders have a voice and interest in ongoing participation. Louisiana's advisory board guide will be shared along with other resources to assist in setting up advisory boards. Participants in this session will leave with: 1) an understanding of how regional boards function to assure workforce alignment and participation; 2) tools to engage with business and industry to assure active participation; 3) a list of stakeholders who should be at the table.

Press Your Luck: My Local Cooperatives

Meeting Room: Ocotillo II
Rachel Knight, Las Cruces Public Schools
Kim O'Byrne, Hatch Public Schools

Will your business become a great success? Will you be able to make the most sound financial business decisions? Find out if you will make the right choices toward success in the My Local Cooperative Workshop for Agriculture Teachers! The National Association of Agricultural Educators is working in partnership with the CHS Foundation to offer a series of workshops on Cooperatives. Gear up to fully immerse yourself in the cooperative business model. This is a workshop that keeps on giving as you can apply for a \$100 grant and receive a complimentary co-op in a box that features instructional materials, visual aids, and interactive materials (\$100 value) for agriculture educators.

CTE Career Pathways: A Focus on COP and Culturally Relevant Learning

Meeting Room: Agave
Victoria Denise Ojeda & Dr. Elvira Bitsoi, NMPED College and Career Readiness Bureau

NMPED College and Career Readiness Bureau (CCRB) and BIE/Tribally Controlled Schools (TCS) has embarked upon a unique partnership in which AI/NA students are at the heart of a shared leadership approach that is premised on the Community of Practice (COP), where the CCRB program facilitates faculty and administrative thinking, planning, implementation and the evaluation of student learning and career advancement. With a shared leadership approach and the EPIS framework the goal is to provide an opportunity for TCS schools and communities to excel as tribal grant schools with a commitment to educational and cultural excellence. The workshop participants will learn about a culturally relevant curriculum and develop diagrams to align cultural/multicultural concepts to state standards/CTE clusters. CCRB takes the challenge to be one of the leading educational programs serving AI/NA students -- a chance, an opportunity to learn and make higher educational learning transitions, attaining higher educational standards, career planning, and eventually providing employment opportunities.

Algebra and Finance: The Power To Empower

Meeting Room: Board Room 209

Richard Sgroi, Ph.D., Retired Math Instructor

The need for quantitative financial literacy and numeracy education in our schools is undeniable. The goal of this presentation is to offer participants a rationale and framework for using, creating, and teaching quantitative financial literacy both in traditional courses and in a proposed course centered on financial applications using algebra topics beyond basic Algebra 1. The math will be explored within the financial contexts of discretionary expenses, banking, credit, auto/home ownership, employment, taxes, investing, entrepreneurship, retirement, and budgeting. This Algebra/Finance connection has the power to assist students in seeing the relevance of the mathematics they are learning and empower them to be better prepared for their financial futures. This session will focus on the critical interactions among mathematics, finance, and pedagogy. This session will present methods to introduce the finance, build strength in the mathematics, and assist in making both the math and finance skills learned transferrable to other contexts. The financial applications serve to strengthen students' reading comprehension, data interpretation, and problem solving/posing skills as they expand their financial and mathematical abilities and see the value of real-world mathematics. Participants will walk away from the session with successful, field- tested ideas that answer the perennial student question "When are we ever going to use this?"

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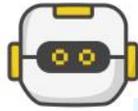
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Vendor Time & Refreshments

2:40 p.m. - 3:00 p.m.
Conference Lobby / Vendor Sites

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Breakout Session V **3:00 p.m. - 3:45 p.m.**

Mastering Medical Terminology Can be Done!

Meeting Room: Pinon
Greg Newcomb, Dean Vaughn Career Prep

Are your medical terminology students tired of tedious and repetitive exercises? Join us for a deep-dive into the world of medical terminology: see how our unique and fun approach won't leave your students stressed out and frustrated. Our presentation will be interactive with attendees seeing how a gas truck will help them remember gastr- or how a cow's lips will make them think of cheil-! Your students will learn and retain scientific and medical terminology with a mnemonic strategy using an illogical association technique that makes it impossible to forget the terms that are learned. All attendees will also receive for free the Dean Vaughn Medical Terminology Flashcard app.

In the Blink of an AI: CTE Reinvents Assessment in a New AI World

Meeting Room: Ocotillo I
Professor Corinne Hoisington, Central VA Community College

As we all know, we need new methods of assessment that are NON-TEXT in nature due to ChatGPT. See tons of examples of new ways to assess! Discover the transformative potential of AI in CTE pathways with a focus on instructional design and assessment. This presentation explores how AI tools like GPT and other language models can be harnessed to create engaging and effective learning materials. This session explores real-world examples of AI-generated lesson plans, interactive activities, personalized feedback, multimedia resources, and authentic assessments. The goal is to equip CTE educators with the knowledge and tools to leverage AI in their teaching practices to enhance student learning. See how AI is changing CTE career pathways too!



Active Monda, Active Learning: Tools and Techniques for Student Engagement

Meeting Room: Sierra I

Robin Palmer & Traquel Dayley, Take Charge Today

Often the best learning occurs when students are out of their seats and working with others. Dive into Take Charge Today's Active Learning tools where card games, fly swatters, and clothespins become dynamic instruments for engaging with course content. Join us for an interactive session featuring activities like Fly Swatter Facts, Clothespin Review, Hexagon Connections, and Questions About Money. These hands-on exercises not only reinforce students' content knowledge but also cultivate essential professional skills such as teamwork, collaboration, and communication. Elevate your teaching game and make learning an exciting journey.

It's not Rocket Science! Let's Start Tinkering

Meeting Room: Ocotillo II

Manuela Klaassen, NM MESA

In this session, we will explore the world of Tinkering. We will discuss and review several free educator resources that can be used in your classroom. These resources will allow you to offer engaging STEM learning opportunities to your students. Participants will leave this session with resources that can be implemented easily and quickly into a virtual or in person classroom setting. After all, it's not rocket science!

Engaging Students K-12 in Career-Connected Learning through PBL

Meeting Room: Sandia VIII

Cuba Independent School District and Defined Learning

Join leadership from Cuba Independent Schools in a discussion on creating a robust career development and readiness program K-12. Cuba will share the work they are doing district-wide to support career exposure and building future-ready skills through Project-Based Learning (PBL). They will share how they are partnering with Defined Learning and using programs like Pathways2Careers (P2C) to achieve career readiness goals, enhance their CTE programs, enrich core instruction, and create a career development program beginning in Kindergarten.

Pipelines Leading to Student Research

Meeting Room: Board Room 209

Rhonda Crespo & Mark Galassi, Institute for Computing in Research

The Institute for Computing in Research has prepared a pipeline to train students for research, beginning any time from 6th grade on. The goal is to have the students get a paid research internship, which we offer for students finishing 10th, 11th, and 12th grade. The internship program is modeled after the student programs at Los Alamos National Laboratory - students are paid to work full time in the summer, paired with an active publishing researcher adjacent to their area of interest, and work in an academically rigorous atmosphere in cohorts of 10 or so students in Santa Fe, Austin, and Portland. The pipeline begins with a workshop that teaches students to program in Python on the Linux operating system, and goes on to have them work a "level up" by offering (a) continuing mini-courses that apply computer programming to various academic areas; (b) math working groups that teach techniques used in research; (c) the Research Skills Academy. All phases of the pipeline are free, and we pay students in the final internship step.

CTE Certifications, Microcredentials & Pathways-NC3 (National Coalition of Certification Centers)

Meeting Room: Agave

Mike MacLean, Advanced Technologies Consultants

Where Education and Industry Meet- The National Coalition of Certification Centers is a value-driven organization and the future model for Career and Technical Education, creating highly-skilled, job-ready professionals through a growing network of educational partners and global industry leaders. In this workshop we will go over the different NC3 Certifications/Microcredentials to help advance your CTE Programs across the board. We will also go over different Pathways for several topics of coverage (Mechatronics, Engineering, Industrial Maintenance, Alternative Energy, Construction, etc.).

Measure Twice, Learn Once

Meeting Room: Sandia VII

Brad Humble & Cydelia Chavez, ACE Leadership High School

Are you tired of hearing students ask, "When will I ever use this?" Instead of lecturing to them the importance of what you're teaching, why not give them the chance to gain hands-on career experience? Math is an essential skill in occupations such as construction, architecture, and engineering. This workshop is designed to demonstrate the connection between academic and career skills. It presents students with a unique opportunity to practice their new abilities in a real-world setting through genuine learning. Participants will collaborate with a math Interventionist and construction coach to create a bridge out of basic geometric shapes, produce a cut list utilizing their measurement and fractional computation skills, and finally determine the sturdiest structure using physics as a measure. It's an excellent way to provide students with practical experience and help them appreciate the significance of what they're studying. Attendants will leave this workshop inspired with actionable ideas to use in their classroom or with their schools.

Expanding Horizons: Scaling Up & Synergizing High School Internship Programs

Meeting Room: Sandia VI

Arnel Dela Cruz, Gallup-McKinley County Schools' College, Career, & Civic Readiness

"Expanding Horizons" is a dynamic workshop designed for educators, career counselors, and school administrators committed to exponentially growing their high school internship programs while ensuring students remain engaged in their chosen fields of study. This interactive session aims to equip participants with innovative strategies for enhancing work-based learning experiences through meaningful community and business partnerships, thereby preparing students for future career success.

Key objectives include 1.) Scaling with Success: Uncover proven strategies for increasing your internship placements without compromising program quality or student focus. 2.) Building Partnerships: Learn effective methods for attracting and increasing community and business partners to provide diverse internship opportunities. 3.) Program Structure: Master the essentials of structuring a high school internship program from the ground up, ensuring it is both efficient and aligned with educational goals. 4.) Strategic Implementation: Explore comprehensive strategies for the successful implementation of internship programs, focusing on alignment with student programs of study and career aspirations. 5.) Support Systems: Identify the critical supports needed for student interns and employer partners to facilitate a mutually beneficial internship experience.



State Association Meetings

3:50 p.m. - 4:30 p.m.

- Arkansas (Sierra I)
- Louisiana (Ocotillo I)
- Mississippi (Ocotillo II)
- New Mexico (Sandia VI)
- Oklahoma (Sandia VII)
- Texas (Sandia VIII)

Reception at Sawmill Market

6:00 p.m. - 10:00 p.m.
1909 Bellamah Ave NW



SAWMILL MARKET

Originally the site of the American Lumber Company north of historic Old Town, the Sawmill District was reimagined and redeveloped into the Sawmill Market: a 35,000 square-foot food market with an array of local cuisine and culinary traditions.



Sawmill Market is New Mexico's only artisanal food hall, with a sought-after landmark for visitors and a popular community gathering spot for locals. The market is housed in a former lumber warehouse situated in the Sawmill District and boasts over 25 merchants, including local farmers, food artisans, craftsmen, artists, and culinary experiences that celebrate the diverse cultures and culinary traditions that shape the dynamic New Mexican landscape. The property also provides ample outdoor space with restaurant patios and The Yard, as well as seasonal programming and upstairs event space, The Mill Room.



Bus Transportation will depart from the Embassy Suites at 6:00, 6:30, 7:00, and 7:30 p.m. from the entrance beside the registration desk.

Bus Transportation will depart from the Sawmill Market at 8:00, 8:30, 9:00, and 9:30 p.m. from the entrance where participants were dropped to.

Conference Attendees will be given a \$30 merchant card to use for dinner, upon arriving at the Market.



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Exhibitors Open / Vendor Time

8:00 a.m. - 8:30 a.m.
Conference Lobby / Vendor Sites

Closing Keynote Session

8:30 a.m. - 9:30 a.m.
Sandia Ballroom IV



Amy Loyd, Ed. L.D., is the Assistant Secretary for the Office of Career, Technical, and Adult Education at the U.S. Department of Education. In this role, she oversees national programs related to career and technical education, community colleges, adult education and literacy, and correctional education. Dr. Loyd, has an extensive background in education and the nonprofit sector, and has designed and led programs across the U.S. that improve education and workforce outcomes for people and strengthen communities. Most recently, Dr. Loyd was a vice president at Jobs for the Future, where she led the organization's programs in college and career pathways that span K-12 and postsecondary education and training into the world of work; in workforce development with a lens on economic advancement; in state and federal policy; and in diversity, equity, and inclusion.

Closing Session Sponsored by:

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Vendor Time & Refreshments

9:30 a.m. - 9:50 a.m.
Conference Lobby / Vendor Sites

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Breakout Session VI 9:50 a.m. - 10:35 a.m.

Equip Your Students with Soft Skills for Success in Work and Life

Meeting Room: Sandia I

Eric Winkelman, National Geographic Learning-Cengage

Employability skills, also known as "soft skills" are crucial for students to learn because they play a fundamental role in personal and professional success. As educators, we know the role soft skills play in the real-world, and demonstrating their applicability within your students' field of study gives them the tools they need to put your lessons into practice. Moreover, soft skills provide your students with the confidence and competency to enter and navigate the workforce effectively. Join us to learn more about the employability challenges students face as they begin entering the workforce and curriculum to help facilitate soft skills into your regular curriculum.

Be Pro Be Proud: Connecting CTE & Employers

Meeting Room: Sandia IV

Andrew Parker, Executive Director of Be Pro Be Proud, Inc.

Rob Leming, Program Director for the NM Chamber of Commerce

Luis Villa, Be Pro Be Proud Program Coordinator / NM Dept. of Workforce Solutions

Ross White, Arkansas Department of Higher Education

Be Pro Be Proud is a national effort to change student, parent and educator perceptions of technical professions and career paths in America's construction, manufacturing, transportation and related sectors. Launched in 2016 in Arkansas, Be Pro Be Proud is operating in 6 states: AR, GA, NC, NM, SC and TN. Be Pro Be Proud has contributed to student enrollments in CTE and post-secondary technical programs, and is statistically impacting target audience interest in technical education and careers. Since 2016, over 330,000 middle and high school students have explored BPBP's Mobile Workshops and explored careers in high demands in these fields.

Work-Based Learning (WBL) Wednesdays: Scaffolding WBL Experiences for Successful Transition

Meeting Room: Sandia II

Julie Jaynes & Justin Trager, ACE Leadership High School

ACE (Architecture, Construction, Engineering) Leadership High School is an Albuquerque public charter school that connects a renewed vision of learning with New Mexico industry. This interactive session will explore the benefits and details of how to develop a scaffolded Work-Based Learning program model that combines trade-specific workshops with industry partners, workforce skill development, career exploration, and internships to prepare students for successful transition. Learn from ACE staff their process for developing and implementing Work-Based Learning for all students weekly. During this workshop, participants will: identify the benefits of this approach, hear lessons learned, explore ACE resources and documents, brainstorm other models, as well as identify possible opportunities and starting points for their context. Although the context for this program is a small charter school, this session will include best practices that can be scaled to meet the needs of larger high schools and districts.

Career Exploration and Readiness: A to Gen Z

Meeting Room: Sandia III

Avery Bond, Senior Account Executive for Pathful

In this informative A-Z session, see how Career Readiness can start in early Elementary with developmentally appropriate awareness activities that connect to core Language Arts and Math instruction. Learn about Generation Z (those 11-26 years old) and how they have a different approach to career and life decisions. Experience a demonstration of the brand new, fully integrated Pathful Solution and how you can engage GenZ in a new and different way when it comes to Career Exploration and Readiness.

DollaDollaBillsYall

Meeting Room: Ocotillo I

Monte Womble, Las Cruces Public Schools

Why do WE do what WE do? If we aren't honest with ourselves, how can we be honest with our students when it comes to Career Exploration and Planning? What were YOUR reasons for setting out on the journey you are traversing? How do we help students connect to THEIR passion when they have NO clue on how to answer the question "What do you want to be when you grow up?" The answer sometimes lies in the quote "Experience is what you get when you don't get what you want?" Let's take a journey down memory lane...

Elevate your Health Science Program with Industry Credentials

Meeting Room: Pinon

Danit Millman, National HealthCareer Association

Allied health professionals, which make up more than 60% of the healthcare industry workforce, play a critical role within healthcare institutions. Your students work hard every day to prepare for their futures in healthcare. As an educator, you provide them with a solid educational foundation to help position them for a successful career. Guiding your health science students toward an industry-recognized credential gives them an advantage as they complete training. Learn how to expand pathways to include certification and access to healthcare employment. When students enroll in CTE programs with the intention of working in a healthcare career, they learn that they can truly make an impact. Professional credentials provide access to hands-on experience, increased postsecondary attainment opportunities, and can empower them to enter a high-wage, high-demand profession. Learn how to identify the best certifications for your program, how to help your students prepare, and create curriculum that aligns with the workforce demands.

Designing a Relevant Student-Centered Curriculum through CTE

Meeting Room: Sierra I

Aaron Duvall, Premier High School

This presentation will examine how and why schools should use CTE programming to increase the relevancy of their curriculum, increase student engagement and learning, and give students the workplace skills needed to succeed after graduation. Premier High School of Little Rock's new CTE program will be highlighted as an example of how a charter school can implement a CTE program with limited space and resources that is responsive to the needs of its students and community.

Know Your Numbers! Performance Indicator Fun~

Meeting Room: Board Room 209
Rebecca Galves, NMPED-CCRB

How do your numbers look? What are Performance Indicators (PI) and why should you know what they mean? Let's connect and talk about what's going on across NM with our Perkins V state determined performance levels (SDPL) and PIs. We'll break down what each indicator addresses and how it shows what is happening on your campus.

Breakout Session VII 10:45 a.m. - 11:30 a.m.

Cracking the Code: K-12 Pathways & High-Value Credentials for Digital Careers

Meeting Room: Sandia II
Stephen Dalla Betta, CEO & Co-Founder, YaizY

Did you know that nearly 400,000 new IT/computer programmers are projected to be hired annually over the next decade – with average salaries over \$100,000? With career-connected pathways in K-12 schools, middle and high school students can learn and earn industry credentials for high-demand digital jobs. Join us as we walk through strategies for high student engagement; school case studies; and preparing for premier industry-based credentials (IBCs).

Engage ALL Students in Academics and Career Skills Through Coding with Robotics

Meeting Room: Pinon
Jill Jones and Sarah St. Germain, Firia Labs

Programming isn't just for computer science. Industry demand for coding skills continues to grow, yet the field is not very diverse. Authenticity matters. And that goes double for girls and underrepresented groups who don't want to play with toys. Using physical devices and real-world applications, all students can learn critical thinking and problem solving skills while learning to program in Python. This session will show you how to engage middle and high school students in learning and using technology, from a stand-alone unit in any CTE course to a Python coding pathway that leads students all the way through Industry Certification.

CTSO Advisor 101

Meeting Room: Sandia I
Amador Gonzales, Grants High School

All Career Technical Student Organizations (CTSO) have one thing in common...a dedicated advisor. The question is - what makes an advisor effective and successful when advising a CTSO? Everything from travel planning, event coordination, fundraising, coaching, and building relationships are just a few of the many duties CTSO advisors have to juggle. But why are those things important? How do we juggle it all? Join us in a fun and engaging workshop to learn more about the ins and outs of being a CTSO advisor and learning how to plan ahead in ensuring an organizations success locally and at higher levels.

Sickle Cell Genetics: The Inheritance Puzzle

Meeting Room: Board Room 209
Glenda Goh Denison, MiniOne Systems

Join us in this hands-on workshop that promises to unlock the secrets of Sickle Cell Disease. Assume the role of medical interns tasked with diagnosing a patient based on their clinical symptoms. Along the way, explore the genetics of sickle cell disease and genetic testing. Finally, extend the narrative by becoming medical geneticists conducting newborn screenings for SCD and determine disease inheritance and susceptibility.

CTE Regional Partnerships and the Positive Impact on Students

Meeting Room: Sierra I
Stacey Southerland, Katie Robertson, Shannon Puckett, AR Education Cooperatives

In this workshop you will learn how a successful partnership can be formed between education agencies, post-secondary institutions, economic developers and business and industry. Hear how these groups have learned to work together in SW Arkansas to make positive impacts on students by offering opportunities for career exploration, student events and student competitions. Three educational cooperatives in Arkansas have worked collaboratively to secure innovation grant funding to partner with colleges to offer hands on career exploration on five different college campuses. In addition, these CTE Coordinators have begun a CNC Skill related female student competition that has grown from one cooperative area to six securing \$305,000.00 in grant funding and opportunities for female students in over sixty-five districts in Arkansas. This session will outline the partnerships, how they function and a timeline for student events.

The Five "Ships" of Industry or Business Engagement

Meeting Room: Sandia IV
Tracey Bryan - Pathway2Careers Foundation

Businesses are hungry for talent, and the current workforce climate presents a growing set of opportunities for work-based learning, as employers are more actively working to grow their talent pipelines. The key lies in how agile and innovative school and college programs can be in cultivating these connections with potential partners. Join us as we provide a roadmap for growing engagement and opportunities for businesses of any size through the five "ships" of Industry or Business Engagement.

Looking Forward by Looking Back: Traditional Trades in the 21st Century

Meeting Room: Sandia III
Kyle Ellison & Elyse Cogburn, American Conservation Experience

The traditional trades allow participants to develop highly specialized skills in assessment and restoration of historic sites and landscapes. Utilization of 21st century technology, tools, and mindset allows for successful restoration in appropriately traditional approaches. These skills — in carpentry, masonry, turf maintenance, horticulture, among others — allow access points to critical thinking skills, hands-on experience in the trades, and interpersonal skills as they navigate a preservation environment. In this presentation, staff from the program will discuss ways in which students can get involved, career pathways that are created, and ways staff and instructors can partner with ACE.



Promoting Positive Campus Culture (Best Practices)

Meeting Room: Ocotillo I

Laura Harrison, Kelly Falkner, & Angel Hogan-Smith, Kiamichi Tech / Poteau, OK

Kiamichi Tech Student Services team members will share tried and true tips and tricks for creating and sustaining a positive campus culture through events and activities designed to ignite curiosity, encourage exploration and build community.

Region IV ACTE Business Meeting / Awards Presentation and Lunch

12:00 noon – 1:30 p.m.
Sandia Ballroom IV

ACTE Region IV Administrator of the Year:

Stacey Southerland, Brittney Baptiste Williams, Patricia Ellison, Blake Thomas, Renee Martinez

ACTE Region IV Carl Perkins Community Service Award:

Patricia Downing, Jodi Keith

ACTE Region IV Counseling & Career Development Professional of the Year:

Taylor Odle, Brandi Williams

ACTE Region IV Lifetime Achievement & Hall of Fame Award:

Mary Smith, James (Zeke) Kaney, Kathe Corning

ACTE Region IV New Teacher of the Year:

Star Waters, Connie Rolison, Andy Placencio, Wyatt Gerth, Casey Pyle

ACTE Region IV Postsecondary Professional of the Year:

Jona Kay Squires

ACTE Region IV Teacher Educator of the Year:

Dr. Sheri Turner, Sharon West, April Blackwell

ACTE Region IV Teacher of the Year:

Christina Loyd, Joshua Davenport, Nickolas Alan Lebo, Walter Aleluya, Chance Plaisance, Jonathan Walden

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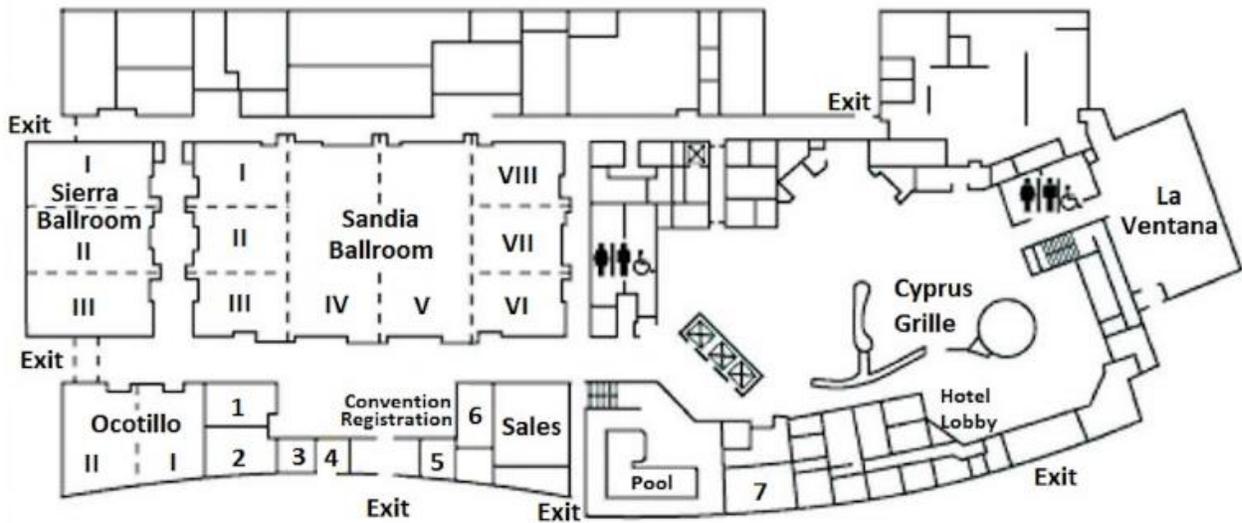
- CTE/CTSO resources (Nova standards alignment)
- Intra-curricular content support
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- Scholarship opportunities
- Community engagement
- Professional learning opportunities
- Student leadership

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