



Sept. 18-20
 voco Chicago Downtown
 Chicago, Illinois

#postsecondaryCTE24

Postsecondary CTE Summit 2024

The Future of Postsecondary CTE

Date/Time	Event	Room Name
Wednesday, September 18		
9:00am – 2:00pm	Early check in & Registration	14th Floor Foyer
9:30am - 1:00pm	Pre - Conference Professional Development Workshop (registration required): A Jump-start for Industry Instructors: Developing Your Own "New TeacherInstitute"	Western Stage House
1:30pm – 3:30pm	Off Site: Data Center Tour	Departing from Voco Hotel
1:30pm - 5:00pm	Pre - Conference Professional Development Workshop (registration required): Putting data to work: Using Data to Assess Effectiveness, Inform Expansion, and Ensure Equity	Western Stage House
3:30pm - 5:00pm	Data Center Tour Debrief	Lake House
5:00pm – 7:00pm	<i>Exhibitor Setup</i>	14 th Floor Foyer
Thursday, September 19		
6:00am – 7:00am	<i>Exhibitor Setup</i>	14 th Floor Foyer
6:00am - 6:30am	<i>Dress Rehearsal</i>	Sauganash
7:00am – 7:50am Sponsored by Lumina	Breakfast, Registration & Exhibitor Time	14th Floor Foyer + Wolf Point
7:55am – 8:10am	zSpace Demonstration	Sauganash

<p>8:10am – 8:55am</p> <p>Sponsored by Lumina</p>	<p>Welcome:</p>	<p>Sauganash</p>
	<p>Michael Connet, Assoc. Deputy Director of Outreach & Partnership Development, ACTE</p>	
	<p>Juan Salgado, Chancellor, City Colleges of Chicago</p>	
	<p>YouScience Greetings</p>	
	<p>Keynote:</p>	
	<p>Dr. Kenyatta Lovett</p>	
	<p>Outline of Summit:</p>	
<p>Dr. Sophia Alston, Senior Manager of Postsecondary CTE, ACTE</p>		
<p>8:55am - 9:10am</p> <p>Sponsored by ICEV</p>	<p>Break/Transition to Presentations – Sponsor/Exhibitor Walk</p>	<p>14th Floor Foyer</p>
<p>9:10am – 10:10am</p>	<p>Concurrent Sessions/Presentations I</p>	
<p>Presented by Leah Grassini Moehle, Tara Smith & Dr. Lori Petty</p>	<p>Session I: Normalizing Education & Opportunity in a New Landscape for CTE in Prison</p>	<p>Sauganash</p>
<p>Presented by Michael Carbenia & Rochelle Hockett</p>	<p>Session II: Navigating Students’ Pathways: Embracing AI/AR/VR’s Role in Career Exploration</p>	<p>Steamboat North</p>
<p>Presented by Kendrah Winters-Pearson & Dallas Kratzer</p>	<p>Session III: Unlocking Opportunities: Exploring Credit for Prior Learning (CPL)</p>	<p>Steamboat South</p>
<p>Presented by Dr. Dimitria A. Harding</p>	<p>Session IV: Strengthening the Foundation: The Collective Responsibilities of ALL-Employees in Retaining Senior CTE Leaders</p>	<p>Merchants North</p>
<p>Presented by Kari Lamoreaux</p>	<p>Session V: Embedding the Best of Competency-Based Education into a Lock-Step Course</p>	<p>Merchants South</p>
<p>10:10am – 10:30am</p>	<p>Break / Transition to Presentation – Sponsor/Exhibitor Walk</p>	<p>14th Floor Foyer</p>
<p>10:30am – 11:30am</p>	<p>Concurrent Sessions / Presentations II</p>	
<p>Presented by Scott Nichols, Kellise Williamson & Jennifer Griffin</p>	<p>Session I: The Evolving Role of Community Colleges in Evolving Apprenticeship Models</p>	<p>Sauganash</p>

Presented by NinaFe Awong & Jessica Griffin	Session II: Empowering Justice-Involved Individuals through CTE Opportunities	Steamboat North
Presented by Rita Cardenas, Jeanne Lapp, Nisaini Rexach & Mariana Saucedo	Session III: Career Exploration in Healthcare, Construction Trades, and IT: Challenges & Opportunities	Steamboat South
Presented by Lisa Draper & Nicole Hampton	Session IV: Creating a classroom culture of well-being and self-advocacy	Merchants North
Presented by Dr. Douglas Stewart	Session V: I am ready to teach...Why are my students not ready to learn?	Merchants South
11:30am - 12:30pm	Panel I: Better Together: Building a Strong Pipeline from Adult Education to Postsecondary CTE	Sauganash
12:30pm -1:30pm Sponsored by Miller Electric	Lunch & Policy Update	Wolf Point
1:30pm – 2:30pm	Panel II: Scaling Career-Connected Learning for Chicago Youth: The Chicago Roadmap	Sauganash
2:30pm – 2:45pm	Break / Transition to Presentation – Sponsor/Exhibitor Walk	14th Floor Foyer
2:45pm - 3:45pm	Concurrent Sessions / Presentations III	
Presented by Stefanie Adams, Marci Chapman, Cathy Hart, Dave Reiff, Dr. Steve Radford & Dr. Zak Konakis	Session I: Coordinating Interinstitutional Collaboration: Supporting Opportunity for Career Technical Education Pathways across Degree-Granting Institutions	Sauganash
Presented by Dr. Kevin Fleming	Session II: Business Engagement Strategies: What Works? What Doesn't?	Steamboat North
Presented by Oscar A. Aliaga	Session III: Reframing the Discussion about CTE Students and Postsecondary Education: Credits, Occupational Programs, and Degrees	Steamboat South
Presented by Dr. Stacie Chana	Session IV: AI in Action: Equity, Ethics, and Education	Merchants North
Presented by Carol Tingley	Session V: Expanding Career Dual Enrollment Opportunities for High School Students	Merchants South
3:45pm – 4:00pm	Break – Sponsor/Exhibitor Walk	14th Floor Foyer
4:00pm - 5:00pm	Panel III: Exploring Connections between Equity, Teaching, and Student Success in Career and Technical Education (CTE).	Sauganash

5:00pm - 6:00pm	Dig Deeper Session / Day 1 Closing Remarks	Sauganash
6:00pm - 7:00pm Sponsored by EnGen	Poster Presentations & PACE Networking Reception	Wolf Point

Friday, September 20		
7:30am – 8:00am	Breakfast	Wolf Point Ballroom
8:00am – 9:00am	Sponsor / Exhibitor Walk	14 th Floor Foyer
9:00am – 9:10am	Day 2 Overview	Sauganash
9:10am - 9:15am	Break / Transition to Roundtable Discussions – Sponsor / Exhibitor Walk	14th Floor Foyer
9:15am – 10:15am	Roundtable Discussions	Sauganash
10:20am - 11:30am	Workforce Panel & Closing Address New Work, New World: Charting a Course for Postsecondary CTE to Ensure Structures, Systems, Processes, and Programs Support All Students, Administrators, Faculty, and Staff in an AI and Innovation-Infused Global Economy	Sauganash
11:30am - 11:40am	Next Steps with Dr. Sophia Alston	Sauganash
1:00pm - 3:30pm	Post Conference Workshop (registration required): Preparing Students for the Workforce: Strategic Instruction for Essential Career Ready Skills	Sauganash

2024 Postsecondary Summit Presentation Descriptions and Locations

Private Presentations

Thursday September 19, 2024

9:10-10:10

1. Normalizing Education & Opportunity in a New Landscape for CTE in Prison

In July 2023, the 1.2 million people incarcerated in prisons across the U.S may now be eligible for Pell grants. This is a historic moment for colleges to increase the number of postsecondary education programs offered in prisons and reimagine career pathways for learners who are incarcerated by implementing CTE programs that lead to quality jobs. Research shows that people who participate in CTE in prison improved their odds of post-release employment by 12% and reduced their odds of recidivism by 16%. This workshop will highlight promising practices emerging from Jobs for the Futures' Postsecondary Education in Prison CTE Accelerator Network, a community of practice that pairs colleges with subject matter experts to develop, adapt, and scale quality, credit-bearing CTE programs in prison. Workshop attendees will hear from one network member, the Director of Prison Education at Amarillo College, who will share how they implemented an Intermediate Diesel Mechanic Certificate Program in a state prison facility. After the workshop, participants will understand the importance of providing CTE options for people who are incarcerated; familiar challenges faced when implementing CTE programs in prison; and viable solutions and critical actions for success, including partnership and learner engagement and creative funding strategies.

Leah Grassini Moehle, Senior Manager, Jobs for the Future

Tara Smith, Research Director, Jobs for the Future

Dr. Lori Petty, Dean who oversees prison education at Amarillo College

Location: Sauganash

2. Navigating Students' Pathways: Embracing AI/AR/VR's Role in Career Exploration

Discover how educational leaders across the US use creative approaches including AI, AR, and VR to engage and inspire students. This session will highlight how students at State Fair Community College research, learn, and experience a variety of concepts and the associated career pathways in STEM, Health Science, Advanced Manufacturing, Agri-Science, Transportation and more. Based on this exploration, students are able to develop plans for post-secondary study and/or earn valuable certifications.

Learning Objectives:

- Understand the AI/AR/VR landscape and its role in supporting STEM curriculum and CTE certifications
- Discover clinical evidence supporting learning gains through learning with AR/VR
- Consider funding sources for the integration of new technology

Michael Carbenia, Senior Executive Director of Workforce, zSpace

Rochelle Hockett, Technical Education Liaison, State Fair Community College (Invited)

Location: Steamboat North

3. Unlocking Opportunities: Exploring Credit for Prior Learning (CPL)

This session will enlighten participants about the significance of CPL in education. Attendees will learn how CPL acknowledges, and rewards knowledge and skills acquired through non-traditional avenues like work experience and self-directed study. Key topics include the principles and practices of CPL, its benefits for learners and institutions, best practices, and challenges. Participants will gain insights into designing, implementing, and evaluating CPL programs, fostering stakeholder collaboration. By reducing time to degree completion and lowering costs, CPL enhances workforce readiness and promotes lifelong learning. Through case studies and discussions, attendees will understand how CPL aligns with institutional access and equity goals. The session's impact on the field of education will be profound. It will empower educators, administrators, and policymakers to embrace CPL as a tool for educational attainment and social mobility. By catalyzing innovation and collaboration, the presentation will enhance the accessibility, affordability, and relevance of higher education.

Kendrah Winters-Pearson, EdD, Executive Director of Technical Programs, Kentucky Community & Technical College System

Dallas Kratzer, PhD, Kentucky Council for Post-Secondary Education

Location: Steamboat South

4. Strengthening the Foundation: The Collective Responsibilities of ALL-Employees in Retaining Senior CTE Leaders

The importance of retaining skilled and effective administrators cannot be overstated in higher education institutions. The retention of senior leaders within an organization is crucial for its stability, growth, and long-term success. Administrators play a vital role in shaping campus culture, fostering a supportive environment, and advancing the institution's goals. However, the responsibility for their retention should not solely rest on the shoulders of top-level administrators or human resources departments. It is a collective responsibility that extends to the entire campus community, including faculty, staff, and support personnel. This presentation explores the critical role that overall campus employees play in ensuring the successful retention of administrators. It emphasizes the interconnectedness of all stakeholders in creating an environment that supports those in senior leadership positions and encourages their long-term commitment to the institution. By understanding their shared responsibility, employees can actively contribute to retention efforts, fostering a culture of support, collaboration, and professional growth. The concept of shared responsibility for retention could be viewed as an innovative approach in itself. It broadens the traditional view of retention being solely an HR or top-level administration issue and instead promotes a culture of support and collaboration across all levels of the institution.

Dimitria A. Harding, DBA, Ed.D, Provost and Chief Campus Officer, Perry Health Sciences Campus, Wake Technical Community College

Location: Merchants North

5. Embedding the Best of Competency-Based Education into a Lock-Step Course

Join us as we explore how simple modifications can foster a more dynamic and inclusive learning environment where every student has the opportunity to excel. In this presentation, we will explore the seamless integration of Competency-Based Education (CBE) principles into a lock-step class structure. By marrying the flexibility of CBE with the structure of a lock-step course, we offer students the chance to remain in the formative phase until they demonstrate proficiency. Our focus will be on practical strategies to adapt assignment prompts, rubrics, and grading methods to ensure students acquire targeted skills effectively. These adjustments empower students to progress at their own pace while maintaining the integrity of the course framework. Together, let us shape a technical education that is not only rigorous but also responsive to individual learning needs.

Kari Lamoreaux, Ph.D. Lecturer-Technology Systems: Business and Information Systems, Utah State University

Location : Merchants South

10:30-11:30

1. The Evolving Role of Community Colleges in Evolving Apprenticeship Models

As the landscape of apprenticeship models in Maryland undergoes transformation, the role of postsecondary partners is swiftly evolving. Historically, Maryland's community colleges have had limited involvement in youth apprenticeships at the high school level. However, there is a growing recognition of the imperative for these institutions to step into this space, providing relevant, high-quality instruction to high school students. Community colleges in Maryland are not only beginning to offer related instruction to high schoolers but are also actively developing pathways for students to transition seamlessly into adult registered apprenticeships. These innovative apprenticeship programs enable students to concurrently work towards an associate degree while gaining invaluable experience through employment with an industry partner. Hosted by the Maryland State Department of Education, this session will delve into various aspects of Maryland's evolving apprenticeship landscape. Attendees can expect insights into Maryland's former youth apprenticeship model, the newly adopted apprenticeship framework, and how dual enrollment and early college initiatives can align with work-based learning. Furthermore, the presentation will provide data-driven insights into how high school students are accessing the workforce through apprenticeships and associate degrees, shedding light on the effectiveness and impact of these programs on both students and industry partners.

Scott Nichols, Coordinator of Postsecondary Programs, Maryland State Department of Education

Kellise Williamson, Postsecondary Credit and P-TECH Coordinator, Maryland State Department of Education

Jennifer Griffin, Coordinator of Apprenticeships and Industry Recognized Credentials, Maryland State Department of Education

Location: Sauganash

2. Empowering Justice-Involved Individuals through CTE Opportunities

In recent years, the importance of providing education and training opportunities to incarcerated individuals has been increasingly recognized as a key strategy for reducing recidivism and promoting successful reentry into society. This presentation will explore the crucial role of career and technical education (CTE) for justice-involved populations, both within correctional facilities and in community settings. By examining innovative strategies and hands-on activities, this session aims to equip participants with practical insights to support the reintegration of justice-involved individuals through education and skill development. Emphasis will be placed on building robust partnerships with community organizations, governmental agencies, and employers to enhance the impact and reach of postsecondary CTE programs. Attendees will learn how to leverage these partnerships to foster successful reintegration and academic success for justice-involved individuals.

NinaFe Awong, Director of Special Projects and Innovation, Tallahassee State College
Jessica Griffin, Director of Continuing Workforce Education, Tallahassee State College

Location: Steamboat North

3. Career Exploration in Healthcare, Construction Trades, and IT: Challenges & Opportunities

For many students, exposure to postsecondary career pathways that can lead to a living wage is not happening until senior year in high school. They need more effective support along the work-based learning continuum, at a much earlier stage, so they can make informed decisions about their future. Four leaders at the intersection of education and workforce development delve into some of the innovations and promising programs they have been involved with, to provide students with earlier and more hands-on practice across the construction trades, healthcare, and IT industries. They will discuss a summer immersive CTE experience at Microsoft that amplifies career exploration; workshops for students interested in Propel America's accelerated postsecondary training program in allied health; the Chicago Public Schools' innovative Health Science Pathway; and CPS' approach to broadening understanding among school counselors and students about construction trade pathways. They will share insights from the perspectives of students, teachers and counselors, district leaders, and employers, about the need for deeper engagement with career opportunities; the importance of cultivating employer partnerships across industries; preparing for the emergence of AI; and broader recognition of persistent obstacles. Lastly, they will share recommendations on policy changes to improve postsecondary CTE outcomes.

Rita Cardenas, Career Pathway Specialist, Department of Early College Career Education, Chicago Public Schools
Jeanne Lapp, Career and Technical Education Teacher, World Language High School (Chicago Public Schools)
Nisaini Rexach, Community Engagement Lead, Microsoft
Mariana Saucedo, Senior Director of Program Innovation & Design, Propel America

Location: Steamboat South

4. Creating a classroom culture of well-being and self-advocacy

Have you noticed students falling behind, disengaging, and checking out of your class and their learning? Come participate in a Gallery Walk of strategies to keep students engaged and active in their own success. Participants will explore ten diverse mindsets and strategies to promote student well-being and self-advocacy. Focusing on curiosity and student agency, in this session, you will be actively engaged in directing your own exploration and contributions to the strategies being shared. Participants will leave with an aspirational vision of how to foster a sense of well-being for ALL students, a plan for prioritizing their own self-care (you have to secure your own mask before helping others!), and a toolkit of resources, including those gathered by the presenters as well as those shared by attendees in the session.

Lisa Draper, Lecturer, Northern Arizona University

Nicole Hampton, Associate Teaching Professor, Northern Arizona University

Location: Merchants North

5. I am ready to teach...Why are my students not ready to learn?

The focus of this presentation is to examine and connect Social-Emotional Learning to learning readiness in the CTE Classroom. Illustration and discussion will be part of the presentation to help faculty to become more engaged in recognizing when their content materials are not meeting the expectations of the learner, though well-grounded in the topic of the day. We will examine barriers to engagement and success and mindfully discuss best practices to engage the lens of the student perspective and what that means to the learning experience. Interactive discussion during the session period will coalesce attendee's common issues in the CTE Classroom engagement experience and explore the experiences of the attendees to share and critically think their remedies and dialogue their concerns. The expectation is that those attendees will leave with a more profound view of their teaching methods and a broader lens of what the diverse nature of the CTE classroom members require for engagement. Brain-Based Learning strategies will be presented for consideration.

Dr. Douglas Stewart, Lead Education Specialist, TN College of Applied Technology

Location: Merchant South

2:45-3:45

1. Coordinating Interinstitutional Collaboration: Supporting Opportunity for Career Technical Education Pathways across Degree-Granting Institutions

In a rapidly evolving job market, the importance of establishing robust career pathways by way of strong collaborative efforts across regions cannot be overstated. In this presentation Utah's state regional pathways team aims to share with attendees the initiatives and successes in Utah regarding state alignment, region collaboration, and industry involvement across career pathways. Participants will gain insights into innovative strategies, intentional actions, and the transformative impact of cohesive efforts in building career pathways. Presentation topics include Regional Dynamics, Collaboration Across Sectors, Innovative Programs and Models, and Building a Statewide Network. This presentation will include interactive elements such as Q&A sessions, intentional networking, and opportunities for participants to share their

own experiences and insights. Attendees will leave with an understanding of Utah's efforts in building effective career pathways and how to execute thoughtful collaborative actions, along with practical ideas to implement in their respective regions.

Stefanie Adams, M.S., CCC, CWDP, Director-Regional Pathways, Utah Valley University

Marci Chapman, M.A., M. Ed., Regional Pathways Coordinator, Weber State University

Cathy Hart, M.A.P.P., Regional Pathways Manager, Southern Utah University

Dave Reiff, M.A., B.B.A., Regional Academic Pathways Coordinator, Utah Tech University

Dr. Zak Konakis, MPH, Ph.D., Regional Pathways Coordinator, Utah State University

Location: Sauganash

2. Business Engagement Strategies: What Works? What Doesn't?

How do we successfully engage business beyond that annual Advisory Board meeting? As we grow apprenticeship and work-based learning opportunities throughout America, we cannot do it without industry partners that are deeply committed. This session will provide tangible tactics to implement, and is intended to create a venue for everyone in attendance to share both best practices and lessons learned.

Session Learning Objectives:

- Strategies for growing committed industry partners.
- Tactics for improving business engagement in the classroom.
- Best Practices for Engaging and Enhancing Industry Advisory Boards
- Understanding of technology tools (CRM) to enhance employer engagement

This session will help CTE educators cultivate employer partnerships that foster continuous program improvement and innovation. Notably, it shall introduce the appropriate use of technology (CRM software) in managing employer relationships.

Dr. Kevin Fleming, Founder/CEO, Catapult

Location: Steamboat North

3. Reframing the Discussion about CTE Students and Postsecondary Education: Credits, Occupational Programs, and Degrees

This study analyzes CTE students' transition to postsecondary education using a three-prong approach. First, it distinguishes four levels of CTE credit-taking during high school to capture any difference in school CTE offerings. Second, it focuses on occupational programs rather than taking CTE as a general and overarching category. Third, it differentiates the transition to subbaccalaureate (Associate's degree) from enrolling in Bachelor's degree. The purpose is to show that credit-taking choices differ depending on the type of degree students will pursue, and that the impact of CTE credit-taking, along with other variables, impacts transitions to postsecondary differently, depending on the degree sought. We used two sets of logistic regression models for our analysis. The first model analyzes enrollment in postsecondary education at the

Associate's and Bachelor's degree levels. The second set of logistic models examine whether students enroll in a similar major to the occupational program they participate in while in high school—i.e., school-to-major alignment.

Oscar A. Aliaga, PhD, Associate Professor, University of South Florida

Location: Steamboat South

4. AI in Action: Equity, Ethics, and Education

Step into a dynamic session inviting you to share your experiences with AI, delve into ethical considerations, and address biases to prevent digital divides as we prepare students for an AI driven workforce. Learn to craft compelling AI prompts with the specialized PROMPT Recipe. Begin to explore how AI can revolutionize instructional leadership, enhance operational efficiencies, uplift teaching practices, and lead to improved student postsecondary outcomes. Expect a blend of reflection, hands-on learning, and valuable takeaways, all while networking with peers and enjoying exclusive giveaways. Please arrive with your device equipped with Chat-GPT, Google Gemini, or your chatbot of choice - set up and ready to engage.

Dr. Stacie Chana, Adjunct Professor/Consultant, Roosevelt University

Location: Merchants North

5. Expanding Career Dual Enrollment Opportunities for High School Students

Career dual enrollment is an invaluable opportunity for high school students, and maximizing options for students requires collaboration and commitment of all stakeholders. Participants in this session will learn how a large urban school district has dramatically expanded career dual enrollment opportunities for high school students, by not only offering dual enrollment on technical college campuses, but also on campuses of our large comprehensive high schools.

In this session, we will explore the following topics:

- Program delivery models
- The process used to identify program offerings aligned with local workforce needs
- Developing a multi-year plan for implementation and growth
- Student scheduling model development
- Teacher support, including district-wide PLCs
- Administrative support and supervision
- Curriculum support
- Business partner engagement
- Overcoming funding challenges
- Incentivizing student participation in summer school
- Encouraging students to return to the technical college after graduation when needed to complete their program

Carol Tingley, Senior Director Leader, CTE, Orange County Public Schools

Location: Merchants South

Poster Board Presentations: Thursday September 19th: 6pm

Location: Wolf Point

Poster 1: Implementing Change for Retention and Success Rates

The presentation will focus on retention and success rates. I will share how I implemented positive changes in our technology programs. I focused on changing habits, mundane rituals, leading to success, and implementing key goals to help our faculty and mentors increase student success and decrease the number of students the organization was losing each MOD. The proposed session will follow an interactive format, encouraging audience participation, discussions, and Q&A sessions. I will incorporate actual numbers and trends that occurred when implementing this change by using case studies to enhance the participant experience.

Dr. Kammy Bramblett, Director of Faculty, Learning Source

Poster 2: Navigating Postsecondary CTE Teacher Shortages through Exploring Recruitment and Retention

This session examines the pervasive challenges of faculty shortages within postsecondary Career and Technical Education (CTE), with a particular focus on recruitment and retention strategies. Participants will gain a thorough understanding of the multifaceted issues contributing to these shortages and explore evidence-based solutions that have been gathered from survey data; with 96% of respondents fully completing the survey (N=477, n=456) involving CTE educators across various institutions. The presentation will detail the recruitment techniques participants report to attract highly skilled professionals to the CTE teaching field. We will also discuss findings around retention strategies, such as the development of supportive community networks, enhancement of professional development opportunities, and the implementation of competitive benefits packages. Attendees will leave the session equipped with actionable insights and strategies to apply within their own institutions. We will offer recommendations for future research aimed at those who wish to further contribute to resolving the CTE teacher shortage, enhancing both practical approaches and scholarly understanding of this critical issue. This presentation aims to significantly impact the field by providing the tools necessary to effectively address faculty shortages, thereby strengthening the quality of CTE programs and contributing to the broader educational landscape.

Dr. Michelle Bartlett, Assistant Professor, Old Dominion University

Dr. James Bartlett, II, Associate Professor, Old Dominion University

Dr. Michelle Conrad, Associate Professor, CTE Graduate Program Coordinator, University of Central Missouri

Dr. Sophia Alston, Senior Manager of Postsecondary CTE, ACTE

Brandon Hensley, Dean of Career and Technical Education, McDowell Technical Community College

Poster 3: Beyond the Classroom: Cultivating Success Through External Partnerships

This poster presentation will demonstrate the fundamental role that external partnerships play in elevating educational experiences and promoting student success. The display will feature visual and textual elements that the College's Adult Basic Education program uses for active on-going approaches to grow and sustain partnerships with community organizations, businesses, higher education institutions, and other stakeholders. Through an engaging and informative presentation, attendees will gain insights into best practices, challenges, and success stories associated with these collaborations that have been beneficial for our program in meeting the College's strategic, department and program goals.

Rigietta Lord, Dean- Workforce, Adult and Vocational Education Services, College of the Marshall Islands

Telita Kaneko, Adult Basic Education Instructor, College of the Marshall Islands

Poster 4: Scaling CTE for Accessibility and Stackable Credentials

Virginia's Community Colleges have implemented numerous types of state aid to support low-income students in attaining stackable credentials and career pathways into sustainability. Along with other state funding to support capacity building and the addition of 21st Century Learning Spaces, many colleges, such as Northern Virginia Community College, have modified programs to meet the needs of working adults while addressing labor shortages. One such program is their Stacked Credential Practical Nursing program, which includes hyflex opportunities for online learning and embedded short-term workforce credentials for accelerated pathways into employment and higher wages for working students.

Session participants will learn about pay-for-performance funding models for CTE, outcomes of this funding and stackable credentials, funding and efforts to expand prison education programs and stackable credentials for the justice-impacted population to include our Higher Education for Justice-Impacted Individuals Consortium, and how to model the accelerated Practical Nursing program to better serve working adults, increase credential attainment.

JoAnna Collins BSN, RN, M.Ed, Professional Faculty, VBON-approved CNA, RMA, and ACNA Training Coordinator, Northern Virginia Community College

Dr. Angela Lawhorne, Director, CTE & Workforce Partnerships, Virginia Community College System

Colleen Pendry, Coordinator, CTE Programs, Virginia Community College System

Poster 5: Using data from professional knowledge credentialing for quality professional development to improve teacher retention

CTE professionals are in an educational class by themselves and require a different set of pedagogical skills and background knowledge. A high percentage of CTE teachers are recruited directly from industry, and schools face on-boarding and ongoing professional development for a very diversely prepared population. Validating and credentialing CTE professional knowledge has benefits for both schools and individuals and can be used to develop professional development plans that are based on a data-driven gap analysis. Northern Arizona University will

share its pilot experiences using the NOCTI nationally validated CTE teaching assessments, which include topics such as student management, instructional delivery, student assessment, employer relationships, and instructional improvement in its teacher-educator program. NAU's experience will be translated into integrating the assessment data from these credentials into educator professional development plans to target areas for improvement of teacher professional knowledge with the goal of increasing teacher retention. Administrators of CTE programs can use this validated and normed assessment tool as part of data-driven professional development to target and promote quality CTE programs of study through prepared and effective program staff.

Nicole Hampton, Associate Teaching Professor, Northern Arizona University
Kathleen McNally, Ph.D. Chief Executive Officer, NOCTI

Friday September 20, 2024: 9:40-10:40am

Location: Sauganash

Roundtable Presentations:

Table 1: Using ChatGPT in Adult Learning

This session will equip educators, trainers, and facilitators with the knowledge and skills to harness ChatGPT's potential as a powerful ally in promoting equitable learning experiences. This transformative session will explore the intersection of technology and inclusivity, providing participants with practical strategies to promote equity and inclusivity in career and skills development.

Cynthia Thomas, Consultant/ Assistant Professor, SUNY Oswego

Table 2: Future Ready - Unlocking the Door to Workforce Readiness-and Beyond

This presentation will focus on how to develop readiness for work applying advertising and entertainment techniques to learning sciences.

Learning objectives of this presentation include:

- Reverse-engineering performance into coaching moments
- How to participate in the Future Ready National Game Tournament
- Gamification, microlearning and delivering behavior change
- Transforming learning practices into measurable performance
- Developing wellness and readiness for the workforce

Robert Feeney, Knowledge as a Service, Inc.

Table 3: Breaking the Silos: Implementing Career Clusters

Lewis-Clark State College has worked to change from individual siloed program to create career clusters for our degree and certificate programs. This process has potential to assist students with guided pathways to degrees and careers and introduces a great deal of flexibility in our programs and options for faculty, including faculty hiring processes and requirements. Participants will learn how the college was set up (in silos) and how the process has proceeded to the career clusters. I will describe the changes, challenges, and potential benefits of this type of arrangement for students, industry, and college administration.

Jeffrey Ober, Dean, Lewis-Clark State College

Table 4: ActiveFlex Horizons: Transforming Postsecondary CTE education with Flexibility and Engagement Alchemy

Dive into the future of teaching and learning in postsecondary CTE teacher preparation with 'ActiveFlex Horizons.' This transformative session explores the integration of ActiveFlex, a flexible course format, in a postsecondary CTE teacher prep program. Participants will journey through statistical insights, the development process of ActiveFlex courses, and the profound impact on student engagement. Discover how ActiveFlex transcends traditional boundaries, making postsecondary education more accessible and immersive. As the horizon of education expands, we will delve into the symbiosis of technology, online learning, and flexible delivery methods, ensuring an enriched learning experience for students. The presentation is not just about technology; it is about revitalizing teaching methods and faculty support. Learn strategies for sustaining support for teachers and communities, with a special emphasis on faculty recruitment and retention in the ever-evolving landscape of postsecondary CTE. Join us on this horizon-expanding journey where ActiveFlex not only redefines teaching and learning but also addresses critical challenges in faculty recruitment and retention. Participants will leave empowered with practical insights, tools, and strategies to shape the future of postsecondary CTE education with flexibility and engagement alchemy.

Katherine Kandalec Holm, Interim Dean & Associate Professor, Career and Technical Education, Athens State University

Table 5: An Internal Impact Initiative: The Mock Interview Team

Postsecondary Career Services, especially at the community college, faces challenges of understaffing, limited resources, and overall lack of recognition. The mock interview team - an innovative yet simple concept, expanded capacity to offer this critical service at a rural, nonresidential community college while providing an avenue for non-student facing staff members to meaningfully engage with students. Discover how a small career services team, juggling duties in multiple areas of the college, successfully launched a trained mock interview team initiative and created a collaborative internal effort to expand this service.

Gena Gesing, Future Talent Strategist | Consultant/Contractor

Table 6: Addressing the Teacher Shortage in Technology and Engineering Education

The Teach TEE Campaign, launched in October 2023, was designed to address the shortage of Technology and Engineering Education teachers. As featured in ACTE's Techniques Magazine in May 2024, this campaign is the culmination of numerous institutions coming together for the greater good. This session will share in depth details regarding the process to build and launch the Teach TEE Campaign in Illinois, as

well as the data we now have as a result of the campaign. Details of how to build teacher pipelines and involve additional agencies to produce high quality educators will be discussed.

April Zawlocki, Professor and Chair, Education, College of DuPage

Table 7: Flipping the Skills Script: Technical Vs. Human Skills for Career Development

The aim of technical educators is to prepare students for their future careers. However, the skills gap that exists in the technical field might not only be limited to the ability to weld and handle tools but is also present in the gap of human skills for program graduates. With the support of new data and the industry, it is possible that higher education has been tackling the issue of the skills gap backward and needs repair.

Zak Konakis, Regional Pathways Director/Professional Practice Assistant Professor, Utah State University

Kari Lamoreaux, Ph.D., Lecturer-Technology Systems: Business and Information Systems, Utah State University

Table 8: Revolutionizing CTE: Innovative Pedagogies and Technologies for Postsecondary Education

Join us for a transformative workshop, where we will explore research-based pedagogical strategies that are reshaping Career and Technical Education (CTE). Discover how artificial intelligence (AI) can personalize learning and assessment, leading to improved outcomes as noted in the Journal of Educational Technology & Society. Learn how virtual reality (VR) tools can create immersive learning environments, that enhance technical skills acquisition, increase student engage and improve learning and achievement. Engage in conversations related to bridging the gap between education and the labor market as highlighted by the Association for Career and Technical Education. This workshop will not only inspire educators to integrate innovative tools but also equip them with the knowledge to maintain robust faculty support systems, addressing crucial aspects of faculty recruitment and retention. Prepare to transform your teaching approach and amplify your students' employability skills for the future of the workforce.

Trent Mohrbutter, Program Specialist, AVID

Eileen Friou, Head of Special Projects, AVID

Marci Price, VP Strategic Innovations and Partnerships, AVID, (invited)

Table 9: Supporting Internationally-Trained Healthcare Professionals in Relicensing: Focus Nursing

Community colleges and adult education providers across the country are experiencing a significant shift in student populations, and a greater focus on transitions to short-term workforce credentials are being prioritized. We are seeing an expanded focus on apprenticeships, calls for specialized services for Internationally Trained Professionals (ITP) and the need for support for refugee hiring initiatives. Organizations are stepping up to meet these needs and we would like to shine a spotlight on high-quality programs that are inclusive of multilingual learners. Colorado Welcome Back by Spring Institute helps internationally trained healthcare professionals re-establish healthcare careers in Colorado and connects employers with multilingual, internationally trained professionals throughout the state. Spring Institute Career Coaches utilize human-centered coaching methods to develop short- and long-term goals to guide participants. Coaches provide expert support in navigating

licensure requirements and gaining appropriate U.S. experience in order to ensure newcomers become credentialed or re-licensed in Colorado. In this session, you will learn more about Internationally Trained Healthcare Professionals and how to support their unique needs, explore how specialized educational technology can assist this population with achieving their career goals, develop strategies for how Postsecondary CTE and employers can also be important components of the solution.

Tadd Wamester, Director of Partnership Development, EnGen
Vanessa Traviesco, Career Coach, Nursing, Spring Institute

Table 10: Strengthening Occupational Advisory Committees: Fostering Industry Collaboration and Workforce Readiness

Occupational advisory committees (OACs) play a crucial role in bridging the gap between educational institutions and industry. This session highlights the importance of developing and strengthening OACs to foster industry collaboration, build relationships with post-secondary institutions, and enhance the employability of program completers.

Christina Hurd, Central Louisiana Technical Community College
Alisha Ferrington, Director of Continuing Education and Community Outreach, Louisiana State University

Table 11: Governance, Grants, and Goals, Oh My!

It is imperative to not only manage grant funds and committee work effectively, but there is an art to communication and proactive planning that we all must learn to deploy. As the previous Vice President for Strategic Development and Planning for 4 years at Norco College, Dr. Fleming oversaw marketing, strategic planning, governance, workforce development, grants, strategic partnership, and resource development. This session will provide some context for a round table discussion for you to share with, and learn from, other attendees. We will highlight some best practices in managing grants, communicating our successes, and achieving sustainability. But we will not sugarcoat the truth. We will also share missteps and failures so we can truly learn from one another. If you are new to managing grants, expanding CTE programs, looking to refine your governance processes, or aspire to a higher administrative position, then this breakout session is for you.

Kevin J. Fleming, Ph.D., CEO, Catapult

Table 12: Empowering Futures: Bridging Postsecondary CTE with Community Stakeholders for Student Success

The success of postsecondary Career and Technical Education (CTE) programs is not solely determined by academic rigor; it also relies on strong partnerships with community stakeholders. This session explores the pivotal role that external collaborations play in elevating student success within postsecondary CTE programs and beyond. Participants will obtain practical strategies for initiating, cultivating, and sustaining partnerships with community stakeholders.

Dr. Dana Carmouche, Director, CTE Business Partnerships, Houston ISD

Table 13: Connecting with Cooperative Extension: Partnering for Postsecondary CTE Student Success

In this session, participants will learn about the various ways that the Murray State Family and Consumer Sciences program has partnered with Cooperative Extension in west Kentucky to provide a network of support for future and current CTE students in Family and Consumer Sciences. From high school to the college classroom to internships and teaching opportunities--connecting with the local Extension service to support students in family and consumer sciences, agriculture, and other career and technical education programs can provide fantastic resources and opportunities for postsecondary CTE programs, students, and educators. At the end of the session, participants will have opportunities to share about their own experiences partnering with Cooperative Extension and brainstorm new ideas for innovative collaborations.

Kelsey Chadwick, Assistant Professor for Family and Consumer Sciences, Murray State University

Table 14: Work-Based Learning for Childcare Careers: Creating a Simulated On-Site Childcare Center

The future of childcare simulation is now! The Child Care Experience™ is a simulated infant daycare experience onsite. This interactive program is a complete childcare teaching solution involving simulation, software, occupational tools of the trade and curriculum. The resulting experience is hands-on and fully immersive, giving students true-to-life, in-class experience caring for multiple infants simultaneously. Students clock in and care for multiple infants of varying ages simultaneously. Students will document the care given to each infant in the parent app. Random health and parent communication events occur during their shift. Join us to learn more about this unique program! Attendees will: 1) See how our Child Care Experience enables students to experience a “day in the life” of a child care worker 2) Learn how to use our Child Care Experience to create a “pop-up daycare” in your own classroom and 3) Discover how this innovative child care simulation program uses curricula, technology and real child care tools to offer hands-on experience in an in-demand pathway.

Denise DuBois, Senior Family and Consumer Sciences Product Manager, Realityworks, Inc.

Table 15: Advancing Career and Technical Education: Leveraging Registered Apprenticeships and Community Partnerships for Student Success

Join us for a dynamic session exploring how the Supply Chain Automation Workforce Hub, an intermediary to the U.S. Department of Labor, collaborates with employers and educational institutions to enhance the talent pipeline for the supply chain and advanced manufacturing industry. This session will highlight the importance of building and growing partnerships outside of academia to bolster student success within academia. This session will delve into several key themes, including how the Hub unites key stakeholders to develop customized training solutions through Registered Apprenticeship (RA) programs, thereby fostering a skilled workforce in supply chain automation. Attendees will understand the crucial role of community partner support, such as social service agencies, employers, public and private foundations, and nonprofit organizations, in influencing student success within postsecondary education. The session will also highlight our commitment to promoting diversity, equity, inclusion, and accessibility by empowering minority populations and Veterans through RA programs, which support employers in diversifying their workforce and improving productivity, recruitment, retention, and worker morale. Additionally,

participants will discover successful and innovative partnerships within postsecondary CTE and explore potential areas for future collaboration to bolster academic success.

Melissa Zervos, Technical Assistance Specialist - Workforce Development and Adult Education, Manhattan Strategy Group
Dina Igoe, Manhattan Strategy Group, Outreach and Marketing Specialist

Table 16: Increasing CTE Engagement and Outcomes Thru Innovative, Immersive Student Experiences

Experiential learning is regarded as one of the best methods for teaching applied skills, be it learning a language or riding a bicycle. Every school has the opportunity to create this type of immersive experience for their students to learn real-world, professional job skills. Unfortunately, most do not. School fundraisers today impart to student's foundational retail and customer service-based skills but miss an opportunity to teach them modern skills and strategic thought processes they can use by the end of the semester in professional job settings. The workshop will discuss how Venderly has helped schools sizably increase fundraising while equitably increasing student engagement and job readiness. It will briefly explore some of the positive outcomes for stakeholders within the school ecosystem. Participants will then be guided in an interactive session that highlights how Venderly is revolutionizing school fundraising - and students' role in it - using modern, online tools and technologies.

Ryan Venderlic, Founder and CEO, Venderly

Table 17: Boosting Postsecondary Students' Employability Skills and Self-Efficacy

Employability skills refer to general skills that are necessary for success in the labor market at all employment levels and in all sectors (Office of Career, Technical, and Adult Education, U.S. Department of Education, 2013). Sustainable employability skills refer to those skills that are not only to secure a first job but also to remain employable throughout life (Knight & Yorke, 2004). These skills typically include competencies in the interpersonal, intrapersonal, and cognitive domains (Warner et al., 2020). Research shows these skills positively influences organizational outcomes in terms of teamwork commitment, performance appraisal, organizational commitment, and citizenship. It also helps reduce chances of emotional disorders, role conflicts, and unsaved tasks in the workplace (Abraham, 2005). Yet a comprehensive curriculum on employability skills training is lacking in postsecondary institutions. This presentation provides an overview of employability skills and introduces fun and effective activities, strategies, and tools for postsecondary educators to integrate employability skills training in daily curriculum. This presentation will also explain how to leverage industry partnership to boost students' employability skills and self-efficacy to obtain and sustain employment. Participants of the session can immediately apply useful resources into their teaching and practice.

Xue Xing, Ph.D., Associate Professor and Coordinator of Career-Technical & Postsecondary Education, University of Nevada Las Vegas

Table 18: Enhancing Post-Secondary Career and Technical Education (CTE) Student Success through Registered Apprenticeship Ecosystems

Registered Apprenticeship ecosystems play a supportive role for CTE students to acquire knowledge combined with paid on-the-job learning, supported by a variety of community partners who provide resources that result in a comprehensive approach that provides a pathway into a career. Through Registered Apprenticeship Program opportunities, students are able to apply what they learn in the classroom to real life work experiences, thus bridging gaps between education and industry. When critical partners are involved, such as chambers of commerce, community-based organizations, social service agencies, and industry partners, students can receive help in breaking down barriers of access.

Through this presentation, participants will learn:

- How Registered Apprenticeship (RA) works and aligns with CTE programs
- How RA benefits students while simultaneously working to solve regional workforce issues through a network of strategic partnerships
- How to develop a partner ecosystem that connects workforce and education partners
- Best practices on building and growing these partnerships through industry examples

Angela Baker, Apprenticeship Subject Matter Expert (SME), Safal Partners

Table 19: Women in Gaming: Engaging Youth in a Growing Field

Come find out about how a community college partnered with organizations, schools, and leaders in the fields of E-Sports, animation, motion capture, and game development to entice and encourage high schoolers to get into this growing field. Participants had the opportunity to participate in hands-on activities that focused on music/sound creation, animation, motion capture, and game development to experience first-hand the many ways to get involved in the Gaming Industry. The event ended with a powerful panel of women leaders, from a leader in Gaming curriculum to a professor of animation to a Director in NACE (National Association of Collegiate Esports).

Dr. Amy Sellers, Program Director, Early College Partnerships and Outreach, Johnson County Community College

Lauren Kimball, Associate Professor of Animation, Computer Science & Information Technology, Johnston County Community College

Table 20: Forging Connections: Innovative Strategies for Collaborative Programs

In the rapidly evolving landscape of Career and Technical Education (CTE), collaboration is key to creating unique and effective programs to meet the diverse needs of students and employers. This dynamic workshop is designed to equip educators, administrators, and partners with the tools and strategies necessary to build successful partnerships. Participants will explore real world examples, such as our Connecting the Dots career simulation, virtual Career Chat Live, and Youth Health Equity project, for developing and sustaining collaborations that enhance program quality, align with standards, and provide students with authentic and simulated experiences. This workshop will also address familiar challenges in partnership development and provide practical solutions to overcome them. Participants will gain an understanding of how to create and maintain partnerships that foster student success, drive program excellence, and respond to the evolving demands of the workforce. Join us to transform your CTE programs through the power of collaborative and innovative partnerships.

Dr. Dawn Lindsley, Current - Statewide College & Career Readiness Educator; Starting in August - Family & Consumer Sciences Education
Professor of Practice (Teacher Educator), University of Nebraska-Lincoln
Dr. Michelle Krehbiel, Youth Development Specialist, University of Nebraska-Lincoln

Table 21: Utilizing high-impact practices with PLC to bridge inequity gaps for at-risk students in higher education

Prior learning credit (PLC) awards academic credit based on the evaluation of verifiable college-level learning achieved outside of an academic environment. Every institution of higher learning uses some internal process to vet PLC and award transcript-based credit. However, the American Association of Collegiate Registrars and Admissions Officers (AACRAO), the American Council on Education (ACE), and the Council for Higher Education Accreditation (CHEA) recognize that students (especially nontraditional, low-income, and students of color who face higher risks of not graduating) are increasingly pursuing nontraditional routes to obtain college degrees or credentials, often attending several colleges and incorporating learning from outside traditional educational settings. Accordingly, colleges must reassess their policies on credit awarding and transfer to support these students as they move between institutions or even between programs (such as clock hour vs. credit hour) within the same institutions. Learn how Gateway Community College is assessing prior learning in their health care programs, how Northern Arizona University is vetting processes that a community college uses (rather than reevaluating the PLC) to accept PLC transfer credit, and how to create trust-based practices to increase PLC acceptance between programs and institutions. Participants will be involved in sharing practices at their own institutions.

Nicole Hampton, Associate Teaching Professor, Northern Arizona University
Jennifer Kline, ACTE Fellow, Interim Program Manager | Institutional Effectiveness, Gateway Community College
Lisa Draper, Lecturer, Northern Arizona University

Table 22: Grant Writing Tips and Tricks To Take Your Programs To The Next Level

This session will go over tips and tricks to use grant writing to get your programs to the next level and increase student success. I will share ways to empower your staff to write their own grants and how to use these grants at a classroom level and an administrative level to increase student learning and modernize programs.

Brian Rick, CTE Project Team, Northern Illinois University

Table 23: From Isolation to Engagement: Fostering Connections in Online Learning Environment

In this transformative session, we will delve into strategies that bridge the gap between isolation and active engagement within the online learning environment. Designed for educators and students alike, we will share best practices to empower both groups. Discover practical approaches to enhance collaboration, create a sense of belonging, and combat isolation. By implementing collaborative strategies, we can positively impact student success rates, leading to higher persistence and postsecondary CTE completion rates. Join us as we explore effective

ways to encourage faculty collaboration, foster cultural competence, and how to build a supportive network, which will positively impact CTE faculty retention rates. From synchronous group work to asynchronous discussions, we will equip you with actionable techniques for vibrant online interactions. At the end of the session, attendees will be able to, (1) Identify ways to promote faculty collaboration, (2) Identify best practices for increasing students' cultural competence and sense of belonging, and (3) Identify best practices for increasing student agency.

Mia Kennedy, STEM Outreach Coordinator/Career Coach, Wake Technical Community College
Cocoa Dixon, PhD, Associate Department Head, Life Sciences, Wake Technical Community College

Table 24: Today's Students are Tomorrow's Employees: Business Partnerships

Educators rely on partnerships with businesses in developing curriculum, defining outcomes, and making the case for higher ed's return on investment with good-paying jobs. Prospective students are more interested in career outcomes as fears of student debt have been amplified in the media. Recent studies from Anthology, Bay View Analytics, ECMC, and others all show how career and technical education is now a top priority when deciding to enroll. With a declining number of high school graduates, colleges are competing for a smaller pool of prospective students and working hard to attract non-traditional students too. In addition to a review of data proving how CTE's image has gained respect, this presentation covers the many ways colleges are adapting. The addition of micro credentials, certifications, work-site training, and systems changes combine with a renewed recognition that higher education and the business community must partner closely to hire the company's next generation of workers with all the right skills. For postsecondary administrators, professionals, and educators, takeaways include current trends in curriculum changes, promising practices, brand-identity evolutions for colleges and universities, and the need for a close-knit partnership with businesses through industrial advisory boards, job recruitment, and celebration of students joining the workforce.

Russ Nunley, CMO, Chief Marketing Officer, SUNY Alfred State College, (Invited)

Table 25: Micro-credentials to Degrees: Engineering an Ecosystem for Lifelong Learning

"Promoting lifelong learning means creating systems that realize the right to education for people of all ages, and providing opportunities to unlock their potential – for their personal development and for the sustainable economic, social, cultural and environmental development of society."

UNESCO – Institute for Lifelong Learning, uil.unesco.org/en/unesco-institute/mandate/lifelong-learning, downloaded 5/7/2024. Change is everywhere, it is constant, and it is often unpredictable. How do we, as postsecondary educators, prepare our students for what is increasingly a VUCA world – volatile, uncertain, complex, and ambiguous? One high-impact response is to create educational systems for our students that not only promote, but facilitate, lifelong learning in our communities. During this interactive session, the presenter will lead a discussion addressing the range of learning experiences available to postsecondary students – from micro-credentials to degrees. Then, using a learning engineering approach, the discussion will address how an ecosystem can be created within a community to meet the lifelong learning needs of postsecondary community members. Definitions and frameworks will be provided to enable common language and understandings, serve

as guideposts as we journey through the discussion, and work as tools to engender ideas and starting points when participants return home to their communities.

Pam Carter, PhD, Portfolio Vice President & Dean, School of Business, University of Maryland Global Campus

Table 26: Using Data to Tell a Story and Make an Impact

Effective data collection is not just about receiving the most responses to your survey; it is about having data that represents your program and analyzing your results to tell your program's story. These factors ensure alignment of the program to outcomes and impact. The National Restaurant Association Educational Foundation's career and technical education program, ProStart, collects both annual and cyclical data from its program participants, schools, and educators to capture implementation trends and program and participant characteristics. NRAEF has moved beyond simple summary of these individual collection points to look at new connection points within the data with the goal of determining partners in greater need of targeted support. Learn how the NRAEF completed this project, the lessons learned throughout implementation, and how it is working with state partners to use data for good.

Amy Saltzman, Senior Director, Career and Technical Education, National Restaurant Association Educational Foundation

Table 27: Building a competency-based credit for prior learning platform

The presentation will be focused on the process, practices, and platforms used in South Lake Tahoe, CA to provide support for competency-based credit-for-prior-learning at the post-secondary level. Building on unique partnerships and innovative approaches, the team in Tahoe is building a system designed to accelerate implementation and impact for learners, faculty, institutions, and systems.

- Learn the steps and resources developed over the past three years that allow each seamlessly movement in the credit-for-prior learning (CPL) process
- Identify potential (and actual) policy areas related to CPL including policies that support CPL to those that may be barriers to full, robust implementation

Frank Gerdeman, Director, ADVANCE

Table 28: ET Career Scholars: A scholarship program for an emerging CTE field

Participants will learn about a structured CTE scholarship program that provides students with scholarships, work-based learning, and support services. A review of a successful recruitment strategy, application process and programmatic elements will be presented along with early results of the program. Recruiting students towards new and emerging technical fields remains an ongoing challenge for postsecondary institutions. Without well-established career and educational pathways, students, parents, and educators alike may be unaware of the potential of high-demand high-wage in emerging technology. This session will present a model for building workforce capacity in engineering technology, specifically in semiconductor manufacturing and data center operations. During the past 5 years, Northern Virginia Community

College (NOVA) has implemented a targeted series of interventions - including educator externships, summer bridge programs, and a comprehensive scholarship program – to build regional pathways to careers in these disciplines. The session will review the recruitment strategy, application processes, and programmatic elements, with a focus on how these methods might be adapted to other emerging fields.

Josh Labrie, Director, NOVA SySTEMic, Northern Virginia Community College
Chris Russell, NOVA IET, (Invited)

Table 29: Transforming Enrollment Processes: A Collaborative Exploration of Technology, Innovation, and Human-Centered Design

Join us for an engaging, participant-driven session focused on transforming enrollment processes to drive growth and improve the student experience. Designed specifically for postsecondary leaders and managers, this session will delve into a broad range of topics relevant to modernizing and optimizing enrollment strategies.

We'll explore the integration of cutting-edge technologies, including the adoption of a new CRM, the use of large language model (LLM) powered AI assistants, and AI-driven email drafting tools. These innovations are not just about automation; they're about enabling your team to work smarter by reducing the time spent on repetitive tasks and improving the quality of communication with prospective and returning students.

But this isn't a session where you'll passively listen to a speaker or watch slides. Instead, we'll foster a dynamic and interactive discussion where your questions and experiences will help shape the conversation. We'll share real-world examples, such as our significant gains from switching from a popular CRM to the higher-ed-gearred Element 451—a move that enhanced the customer experience and leveraged AI to save our teams thousands of minutes each month while dramatically increasing conversion rates.

We'll also address the challenges and opportunities of implementing new systems like Workday's SIS, where balancing innovation and risk is delicate and crucial. In the spirit of continuous improvement, we'll discuss the reinvention of processes, early attempts at embracing human-centered design, and the importance of adhering to first principles. We'll challenge participants to question every requirement, streamline processes, accelerate cycle times, and explore the potential of automation, drawing inspiration from frameworks like Elon Musk's "The Algorithm."

Additional topics will include the application of the "Six Thinking Hats" methodology to source insights from across the institution and the use of the RICE Scoring Model to prioritize innovations that align with your institution's mission.

This session is not about showcasing vendors but about collaboratively exploring how technology and thoughtful process design can genuinely transform the enrollment experience. Participants are encouraged to actively engage, share their insights, and ask questions to drive the session's content, ensuring a rich exchange of ideas and strategies that will benefit everyone involved.

Key Takeaways:

- Understand how AI and CRM systems can streamline enrollment processes and enhance the student experience.
- Learn practical strategies for implementing new technologies and systems while managing associated risks.
- Explore human-centered design principles to reinvent and optimize processes within the enrollment division.
- Engage in collaborative discussions to share challenges, successes, and ideas for driving enrollment growth.

Michael Bettersworth, Chief Marketing Officer, Texas State Technical College

Table 30: Revolutionizing CTE with AI: Personalized Instruction for Workforce Readiness

In this session, Dr. Lane Freeman, a pioneer in integrating AI into education, will explore the transformative potential of Generative AI in individualizing postsecondary CTE instruction. With a focus on workforce preparedness, participants will delve into practical strategies for leveraging AI to create personalized learning experiences that cater to the unique needs and career goals of each student. Drawing from Dr. Freeman's extensive experience in online learning and AI application in the North Carolina Community College System, the session will demonstrate how Generative AI can be utilized to develop dynamic, competency-based curricula. This approach not only addresses diverse learning styles but also aligns with industry-specific skills, ensuring that students are well-prepared for the evolving demands of the workforce. Participants will learn about the latest advancements in Generative AI and how these can be effectively integrated into CTE programs. The session will cover practical aspects such as designing AI-assisted personalized assessments, creating adaptable learning materials, and using AI for career guidance and skill gap analysis. The impact of this presentation will be clear: empowering educators to harness the power of AI in crafting individualized learning pathways, thereby enhancing the relevance and effectiveness of CTE programs in meeting both student aspirations and industry needs.

Dr. Lane Freeman, State Director of Online Learning, North Carolina Community College System

Postsecondary CTE Summit Panel Presentations-General Session (4)

Thursday September 19th, 11:30am-12:30pm

Title: Better Together: Building a Strong Pipeline from Adult Education to Postsecondary CTE

Discover how Adult Education serves as a vital link between postsecondary education, workforce development, and community colleges. Gain insights from our panel of experts who lead dynamic and innovative CTE feeder programs, driving tangible outcomes and empowering learners for success in the evolving job market.

Moderator:

Kristin Hempel, Director of Adult and Community Programs, EASTCONN, Coalition for Adult and Basic Education (COABE) Region 1 Representative

Panelists

Olivia De La Rosa, Director of Professional and Workforce Education, South Texas College

William Durden, Director for Basic Education for Adults (BEAdA), Washington State Board for Community and Technical Colleges

Laurie Kierstead-Joseph, Acting Vice President of Pima Community College's Adult Basic Education for College and Career Division.

Thursday, September 19th, 1:30pm-2:30pm

Title: Scaling Career-Connected Learning for Chicago Youth: The Chicago Roadmap

Description: Students at Chicago Public Schools (CPS) at all levels of qualifications struggle to navigate the daunting process of enrolling and persisting in college. In 2019, CPS and City Colleges of Chicago (CCC) created the *Chicago Roadmap* – an unprecedented partnership aimed at supporting students along a seamless path to and through college on the way to their chosen careers. Today, students have access to youth apprenticeships and an early college and CTE curriculum in high-demand career fields such as healthcare, manufacturing, IT and construction beginning their freshman year. Students also have the opportunity to earn up to 15 college credits and industry recognized certifications before graduating high school. CPS and CCC have transformed their relationship from a successful collaboration to full convergence. By expanding access to high-quality programs, advising and supports, they strive to dramatically and equitably increase student outcomes in postsecondary readiness, enrollment, persistence, degree attainment and employment.

Moderator:

Chandler Meyer-Brown, Director of CTE, Chicago Public Schools

Panelists:

Pedro Martinez, CEO, Chicago Public Schools

Juan Salgado, Chancellor, City Colleges of Chicago

Dr. Peggy Korellis, Vice Chancellor - High School Strategy, City College of Chicago

Bernadette Limos, Director of Chicago Roadmap, Chicago Public Schools

Thursday September 19th 4:00pm-5:00pm

Exploring Connections between Equity, Teaching, and Student Success in Career and Technical Education (CTE).

In today's rapidly evolving educational landscape, the integration of equity, effective teaching practices, and student success has become paramount, particularly within Career and Technical Education (CTE). This presentation delves into the vital connections between these three elements, offering actionable insights for CTE practitioners dedicated to fostering inclusive and impactful learning environments. The session will explore how equitable access to resources, culturally responsive teaching methods, and targeted support services can bridge opportunity gaps and ensure that all students, regardless of background, are equipped to succeed in their chosen careers. We will examine practical strategies for implementing equity-focused teaching practices that not only enhance student engagement but also improve academic and career outcomes. Participants will gain a deeper understanding of how to create a CTE environment where teaching is aligned with students' diverse needs, leading to higher levels of student achievement and long-term career success.

Presenters:

Dr. Lorenzo Baber, Professor of Higher Education in the Department of Education, Organization, Policy and Leadership (EPOL); Director of the Office of Community College Research and Leadership (OCCRL)

Dr. Gianina Baker, Associate Director of evaluation, learning, and equitable assessment at the Office of Community College Research and Leadership (OCCRL)

Friday September 20th 10:20am-11:30am

Title: New Work, New World: Charting a Course for Postsecondary CTE to Ensure Structures, Systems, Processes, and Programs Support All Students, Administrators, Faculty, and Staff in an AI and Innovation-Infused Global Economy

What does the future of postsecondary Career and Technical Education (CTE) hold? How will we prepare all students for an AI and innovation-driven global economy? How do we actively chart a path forward with industry leaders? Join us for the "New Work, New World" closing keynote, where these critical questions take center stage. As education leaders grapple with challenges like declining enrollment, funding

constraints, and rapid technological advancements, this nationwide summit offers a platform to collaboratively design a transformative way forward. Our goal is to ensure that structures, systems, processes, and programs support all students, administrators, faculty, and staff equitably.

Esteemed panelists from diverse industry sectors—technology, healthcare, hospitality, transportation, and education—will share insights and strategies for embracing change, fostering equitable access, and strengthening the postsecondary CTE community.

Moderator:

Amy Kaufman, Senior Advisor, Talent Strategies (CEO Leadership Alliance, CLAOC)

Presenters:

Sherri Fetzner, Cognizant

Amy Saltzman, National Restaurant Association

Laura Beeth, Futuro Health

Jason Simon, AMTEC

Don Harjo Daves-Rougeax, California Community College Chancellor's Office