

2023

Research and Professional Development Conference

Phoenix, AZ

November 27th to 29th, 2023

Navigating the Sands of Change in CTE

#ACTER2023 - @ACTERCareerTech



ACTER Association for Career and Technical Education Research

ACTER is a national membership association that aims to stimulate research and development in CTE, to stimulate training and education programs designed to prepare people for responsibilities in CTE research, to foster cooperative CTE research and development activities, and to facilitate the dissemination of research findings and diffusion of knowledge.

2023 Leadership

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ACTER Journals

Career and Technical Education Research (CTER)	Journal of Career and Technical Education (JCTE)
Editor: Eddie Fletcher Ohio State University	Co-Editor Eddie Fletcher, The Ohio State University
Associate Editor Katherine Kandalec Holm	Co-Editor Victor M. Hernandez-Gantes, Univ of South Florida
Managing Editor Sara Shaw, University of Central Florida	Editorial Board Chair Open
Editorial Board Chair Mark Threeton, Pittsburg State University	



Omicron Tau Theta

A national, honorary, professional graduate society in CTE, established to acknowledge the achievement of graduate students, professional educators, and leaders of business, industry, and government in CTE.

2023 OTT Trustee, Katherine Kandalec Holm



http://www.theuniversitycouncil.org

An organization of universities with doctoral programs in Career and Technical Education (CTE) and/or Human Resource Development (HRD) aiming to provide leadership for teaching, research, service, and policy initiatives in the field of practice shared by CTE & HRD.

ACTE's CareerTech

VISION

http://www.acteonline.org



The CTE Research and Professional Development Conference is a companion event of ACTE's annual CareerTech VISION and Expo, the premier gathering of more than 4,000 CTE professionals. ACTE (Association for Career and Technical Education) is a membership organization aspiring to empower educators to deliver high quality CTE programs that ensure all students are positioned for career success.

Members align with one or more "divisions" related to program area and/or professional role. The New and Related Services Division includes 16 sections representing specializations that cross multiple career clusters. Research, Teacher Education, and Professional Development are 3 of the 16 NRS sections, and the Research section is headed by the ACTER Ambassador-at-Large. The Research, Teacher Education, and Professional Development sections will combine this year to form one NRS section, CTE Scholars, uniting ACTE members who study and teach CTE content in higher education settings.

Postsecondary CTE Research Fellows Program

Enhances and strengthens CTE Postsecondary research by supporting research, professional development, and conference travel of CTE Research Fellows at universities nationwide. Funded by the ECMC Foundation.

https://cteresearchfellows.com/

Apply Now to be 24-25 Fellow!!! Application Deadline is April 1st, 2024. #ECMCFFellows



MONDAY, NOVEMBER 27th, 2023

Conference Registration

11 am – 5 pm, ACTER Registration Hyatt, Borien Foyer

Past-Presidents Lunch

12 pm to 1 pm, Invitation Only (off-site)

Pre-Conference Workshop

2 pm to 5 pm, Exploring the Delphi Technique for CTE Research Hyatt, Remington

Editorial Board Meetings

4 pm to 5 pm, CTER Editorial Board Hyatt, Borien A

Executive Committee Meeting

5 pm to 6 pm, Executive Committee Meeting Hyatt, Borien A

Research Poster Session and Opening Reception

6:30 pm to 8 pm, Research Poster Session and Welcome Reception Hyatt, Cassidy

Fireside Chat

8:00 pm to 9:00 pm, Obtaining and Advancing a Career in the Academy Hyatt, Borien A

TUESDAY, NOVEMBER 28th, 2023

Conference Registration

7:30 am, ACTER Registration Conference Center, 132 Foyer

Welcome

7:45 am to 9:10 am, Breakfast Conference Center, 132 Foyer

Greetings from the Conference Partners

Mickey Kosloski, President, ACTER Katherine Kandalec Holm, OTT Michelle Bartlett, Pre-Conference Kesha Valentine, Conference Chair

Welcome Address

Context Matters – A Personal Journey
John Foster, NOCTI

Concurrent Sessions I

9:20 am to 10:40 am Conference Center, 221 A, 221 B, 221 C

Concurrent Sessions II

10:45 am to 12:05 pm, 221 A, 221 B, 221 C

Lunch & Round Tables

Roundtables I: 12:10 pm to 1:00 pm Roundtables II: 1:10 pm to 2:00 pm Conference Center, Room 132

Concurrent Sessions III

2:05 pm- 3:25 pm, 221 A, 221 B, 221 C

Concurrent Sessions IV

3:35 pm – 4:55 pm, 221 A, 221 B, 221 C

Business Meeting

5:15 pm – 6:15 pm, Room 132

Executive Committee Meeting

6:30 pm to 7:30 pm, Room 132

Concurrent Sessions I: Leading CTE, Cost, & Faculty Alignment, & Outcomes 9:20~AM-10:40~AM

Research Paper Session 1: Leadership in CTE – ROOM 221 A

Discussant: Mary Jo Self, Oklahoma State University Chair: Dr. Carrington M. Faulk, Old Dominion University

Paper 1: Priorities of School Superintendents for Hiring and Supervising School-Based Agricultural Education Teachers in Oklahoma	Administrators play a key role in the decision-making process, essential for complete program success. Therefore, it is essential to consider the priorities of administrators when hiring and supervising SBAE teachers, because trained or not, these administrators are making impactful decisions ultimately affecting student achievement.
Christopher J. Eck, Oklahoma State University Nathan A. Smith, Oklahoma State University	
Paper 2: The Status of CTE Administrative Leadership Requirements and Programs: An Ongoing Examination Chris Zirkle, The Ohio State University Caleb Thomson, The Ohio State University	The current climate of career and technical administration requirements in all 50 states will be detailed. The number of states requiring a specific career-technical administration certification/licensure to oversee programs has continued its decades-long decline. Data were collected from all 50 states regarding CTE administration requirements and colleges/universities offering coursework.
Paper 3: Enhancing the Instructional Leadership Skills of Regional Shared- Time Center Directors	This is a report on early findings from a Development and Innovation study designed to explore a model for enhancing the instructional leadership skills of shared-time technology center directors in the United States. A two-phase, iterative approach to curriculum and pedagogic design will be tested.
James R Stone III, Jon Schmidt-Davis, Dr. Lisa Shannon, & Jen Gruber The National Research Center for Career & Technical Education at the SREB	

Symposium 1: Cost Studies of CTE - ROOM 221 B

Chair: Audrey Boochever

Symposium 1: Cost Studies of CTE:	This symposium will explore cost factors that may be unique to CTE and the pros and
Considerations and Recent Examples	cons of the "ingredients method." Panelists will also discuss how researchers can work
•	with program leaders and business office staff to develop cost estimates and cost
Tara Smith, Jobs for the Future	analyses to support investments in CTE programs.
Katherine Hughes, American Institutes for Research	
Clare Flack, New York University	
Mary M. Smith, Vanderbilt University	

Research Paper Session 2 – ROOM 221 C

Discussant: Matt Spindler, Pennsylvania State University

Chair: Sara Shaw, University of Central Florida

Paper 4: Changes in Career and Technical Education Teacher Candidates' Self-Efficacy Over Time	Teacher identity is linked to teacher self-efficacy. This study sought to explore career and technical education teacher candidates' self-efficacy development over time. Both quantitative and qualitative data were collected to fully understand the experience. Teacher candidates became more efficacious throughout the program but experienced
Laura Hasselquist, South Dakota State University Patrick Hales, South Dakota State University	the most gains in self-efficacy while on campus.
Paper 5: Professional Development Needs of CTE Teachers in Idaho: A Literature	The purpose of this research was to review the existing literature related to CTE Professional Development. This review examined 80 articles and found overarching
Review	themes related to CTE PD. The themes are CTE characteristics, CTE PD, digital world/Generation Z students, college/career readiness, traditional/alternative
Amanda C. Moore-Kriwox, University of Idaho John G. Cannon, University of Idaho	certification, teacher community, laboratory safety, and administration.

Research Paper Session 2 – ROOM 221 C (CONT.)

Paper 6: A Descriptive Profile of Career and Technical Education Teachers	We discuss the importance of CTE teacher education to match the future demand for CTE employment. We highlight the need to provide equal opportunities for all students to participate in CTE fields and the importance of the CTE teacher in facilitating the
Andrew R. Diemer, Saint Louis University J. Cameron Anglum, Saint Louis University Walt Ecton, Florida State University Tuan Nguyen, Kansas State University	transition from school to career.

Concurrent Sessions II: Experiential Learning, Talent, & Professional Development 10:45 AM – 12:05 PM

Research Paper Session 3 - Conference ROOM 221 A

Discussant: Brooke Thiel, North Dakota State University Chair: Candace Claar, The Pennsylvania State University

Paper 7: The Relationship Between Job Satisfaction and Teacher Burnout of Mississippi Agricultural Education Teachers During COVID-19	This study described the level of burnout and job satisfaction among Mississippi agricultural education teachers who taught during the COVID-19 Pandemic. There was a moderate, positive relationship between personal accomplishment and job satisfaction and negative relationships between both emotional exhaustion and depersonalization with job satisfaction.
Anna Hollis, Wayne County Career and Technical Center Dr. Kirk Swortzel, Mississippi State University Dr. OP McCubbins, Mississippi State University	
Paper 8: An examination of pre-service and in-service school-based agricultural educators international professional development experience in Malaysia	To ensure we have a globally competent workforce prepared to meet the needs of a diverse and growing society, globally competent educators are needed. To help address this need, six pre-service teacher candidates and six in-service school-based agricultural education teachers from the United States embarked on a four-week international professional development.
Laura Rice, University of Minnesota, Daniel D. Foster, Pennsylvania State University, Bradley Kinsinger, Kirkwood Community College, Melanie J. Miller Foster, Pennsylvania State University, Laura L. Rice, University of Minnesota and Jon Ramsey, Oklahoma State University	
Paper 9: Professional Development Preferences of Oklahoma School-Based Agricultural Education Teachers Emily Sewell, Oklahoma State University Christopher J. Eck, Oklahoma State University Bradley M. Coleman, Oklahoma State University	In part of a larger mission to address professional development among teachers, this study targeted the preferences of SBAE teachers in Oklahoma through a non-experimental survey research study census approach. This study implemented crosstabs analysis in SPSS to compare between personal and professional characteristics and professional development preferences.
Paper 10: An Exploratory Evaluation of the Agricultural Career Experiences Curricular Resource Emily Sewell, Oklahoma State University J. Shane Robinson, Oklahoma State University	An exploratory evaluation of SBAE students' perceived knowledge, experience, interest, and motivation toward the AFNR Career Pathways (The Council, 2015) while engaging the Agricultural Career Experience (AgCE). The Theory of Planned Behavior guided the evaluation's attempt to understand student and teacher experiences with the resource. Using a convergent, parallel mixed-methods design, data were collected through questionnaires and interviews.

Symposium 2: ROOM 221 B

Chair: Andrew Diemer, St. Louis University

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Symposium 2: CTE Principal Job	The purpose of this article is to examine the factors CTE principals identify as
Satisfaction	influential on their perceptions of their administrative roles as well as their job
	satisfaction. The factors that CTE principals identified as contributing to their job
Dr. Donna Crouch, Murray State University	satisfaction were summarized and classified through quantitative analysis based on a
Dr. Eric Bates, Murray State University	survey developed in Qualtrics. Results represent patterns and trends of variables that
Dr. Kemaly Parr, Murray State University	influenced principals' decisions in their roles within their CTE positions.

Research Paper Session 4: ROOM 221 C

Discussant: Anthony M. Perry, University of North Dakota

Chair: Caleb Thomson, The Ohio State University

Paper 11: Exploring Work-Based Learning in California Community Colleges Emily Alonso, University of California Davis	WBL has become an integral part of the U.S. Community College (CC) system. Despite investments in WBL, including Perkins funds and the Strong Workforce Program in California, it is unclear how success rates. This paper aims to understand these patterns drawing on rich administrative data from the California CC system.
Paper 12: Employer's Decision to Hire Secondary Career and Technical Education Completers Based Upon the Pennsylvania Skills Certificate	This experimental investigation discovered employers' perception of a credential issued to Pennsylvania's secondary career and technical education program completers. This investigation adds empirical evidence concerning employer's perceptions of credentials and is additional evidence of the complications relating to the myriad of credentials and the employer's value of them.
Dr. Patricia Leibfreid, Pennsylvania State University	
Paper 13: Online Experiential Learning in Career and Technical Education	Interest in online learning has gained a resurgence by academics and practitioners (Ekin, 2022). Little research regarding the relationship between technology, online learning, and experiential learning exists (Bassanjav, 2013). Queries about online experiential
Matthew Bornak, Pennsylvania State University	learning (OEL) in CTE yielded unsatisfactory results. Yet, OEL is incorporated into CTE and the uptrend continues.

Box Lunch & Roundtable Session I / 12:10 – 1:00 PM, 132

Session I Round Table 1 - Elevating Education: Investigating Quality ILP Implementation in Nevada Schools Xue Xing, University of Nevada - Las Vegas

Session I Round Table 2 - A Case Study on the Perceived Relevant Experiences in a Postsecondary Woodworking Program

Christopher J Wernimont, University of Arkansas

Session I Round Table 3 - The [deidentified] TM Model: Broadening Participation of Women of Color in the STEM+C Workforce in Texas

Shetay Ashford-Hanserd, Texas State University Twyla Hough, Texas State University

Session I Round Table 4 - The Postsecondary CTE Teacher Shortage: An Integrative Literature Review James Bartlett, Old Dominion University
Michelle Bartlett, Old Dominion University

Session I Round Table 5 - Perceptions of Novice Career & Technical Education Teachers Regarding Teacher Evaluations

Felix Quayson, The Ohio State University Chris Zirkle, The Ohio State University

Roundtable Session II / 1:10 – 2:00 PM, 132

Session II Round Table 6 - The Lived Experience of North Carolina Community College Female Career Technical Education Instructors Around Mentoring and Being Mentored

Jennifer LaDue, Old Dominion University Michelle Bartlett, Old Dominion University

Session II Round Table 7 - Key Partnership Roles in High-Quality Pre-Apprenticeship Programs

Rusty Parker, North Carolina State University James E. Bartlett, II, Old Dominion University Michelle E. Bartlett, Old Dominion University

Session II Round Table 8 - Changing the "Dreaded" Discussion Board: Using Flipgrid to Increase Student Communication and Inquiry in Online Learning

Sydney Cox, Texas Tech University Karen Alexander, Texas Tech University Kyle Roberson, Texas Tech University

Session II Round Table 9 - The Impacts of Career and Technical Education - Focused Dual Enrollment on Student Postsecondary Success

Audrey Boochever, University of California Davis

Session II Round Table 10 - Exploring Space Careers in Middle School: A State CTE Teacher Accelerator Sara Shaw, University of Central Florida
Lisa Martino, University of Central Florida

Concurrent Sessions III: High-Quality CTE: Viewpoints on Research & Practice 2:05 PM – 3:25 PM

Research Paper Session 5: ROOM 221 A

Discussant: Dave Macholz, Old Dominion University Chair: Mia Kennedy, NC State University

Chan. Wha Kemiedy, NC State University	T
Paper 15: Knowing Your Assets: Navigating Best Practices Thorough an Exemplary Case Study Focused on an Automotive Technology Associate Degree Programs	Using Harper's (2010) Anti-Deficit Achievement Framework, this case study focuses on best practices for community college student success, retention, graduation, and workforce entry. Preliminary findings include strong faculty involvement, formative plans for curricular improvement, and reducing financial burdens for students through paid internships.
Emily T. Creamer, The Ohio State University Susannah Townsend, The Ohio State University Matthew Mayhew, The Ohio State University	
Paper 16: Lessons Learned from Returning Second Year Technical Students: A Case Study Dr. Mary Jo Self, Oklahoma State University Dr. Adam Ellis, Oklahoma State University Dr. Penny Cantley, Oklahoma State University Dr. Jon Loffi, Oklahoma State University Dr. Kerri Kearney, Oklahoma State University	This qualitative case study explored how Holland's person-environment fit theory explains how outside contributors influence a student's decision to return for a second year of their academic career program. Using the theoretical lens, this study contemplates how specific contributors, such as family and friends, surroundings, influence the student's overall well-being and career decisions.
Paper 17: United We Stand? State NAAE and ACTE Affiliate Membership Agreements and State Career and Technical Education (CTE) Funding Levels	This study determined the impact of dues agreements between the Association for Career and Technical Education (ACTE), the National Association of Agricultural Educators (NAAE), and their state-level affiliates. This study further examined the relationship between professional organization unity and membership rates on state funding for CTE.
Justin Hall, Mississippi State University Dr. Kirk Swortzel, Mississippi State University Dr. OP McCubbins, Mississippi State University	

Paper 18: Career and Technical Education	This study examined CTE teachers' perceptions of feedback from supervisors
Teachers' Perceptions of Instructional Feedback	(principals, instructional coaches, and CTE administrators). Results compare
from Supervisors	how teachers perceive feedback from supervisors with and without CTE
Tom Supervisors	backgrounds, as well as discuss the types of feedback CTE teachers prefer to
Brook Thiel, North Dakota State University	receive from their supervisors.

Research Session 6: ROOM 221 B

Discussant: Mark Threeton, The Pennsylvania State University Chair: Armando Lizarraga, University of Texas - Austin

Chair: Armando Lizarraga, University of Texas - Austin	
Paper 19: Peer Support Structures:	This paper will discuss the experiences of veterans and adult learners in
Documenting the Experiences of Veterans and Adult Learners in Engineering Education Career Pathways Kimberly Luthi, Embry-Riddle Aeronautical University David Harvie, Embry-Riddle Aeronautical University	engineering career pathways, with a particular focus on the role of peer support structures in undergraduate online courses. The paper contributes to the findings from a 3-year research project sponsored by the National Science Foundation that seeks to explore new strategies to engage non-traditional students early in career and technical education pathways. The study brings together researchers, educators, and practitioners to build insight on best practices and empirical
Keith Wilson, Embry-Riddle Aeronautical University	findings related to the unique challenges and opportunities faced by veterans
Monica Surrency, Embry-Riddle Aeronautical University	and adult learners pursuing engineering careers.
Paper 20: Cooperative Teams and Problem-Solving Preferences Matt Spindle, Pennsylvania State University	Engineering professionals need to be able to apply principles of cooperation and work effectively in cognitively diverse teams. Research demonstrates that cooperative learning strategies provide an effective means for improving students' understandings of technical concepts and of how to work in cooperative teams. However, few studies have explored cognitive diversity and student cooperative teams. This study used the Kirton Adaption-Innovation inventory (KAI).
Paper 21: Instructional Practice Needs of	Career satisfaction is crucial to retaining highly qualified teachers as self-
Oklahoma School-Based Agricultural Education	efficacy is positively correlated with job satisfaction. With this in mind,
Teachers Robby Branscum, Oklahoma State University Christopher J. Eck, Oklahoma State University Kayla N. Marsh, Oklahoma State University Bradley M. Coleman, Oklahoma State University	understanding the needs of career phases is important for professional development. This study aimed to determine the relationship between teaching experience and instructional practice among SBAE teachers in Oklahoma.
Paper 22: Determining the Degree to Which	As emerging adults transition into the Fourth Industrial Revolution (4IR)
Ideational Behavior Predicts Occupational Identity Achievement in Emerging Adult College Students Preceding Entry into the Fourth Industrial Revolution Workforce Dr. Carrington M. Faulk, Old Dominion University Dr. Mickey Kosloski, Old Dominion University	workforce, it is essential to understand the factors that predict successful occupational identity achievement, as automation will impact human occupational identity crises. This descriptive cross-sectional study implemented a correlation design to determine the degree to which ideational behavior predicts occupational identity achievement preceding entry into the 4IR workforce.

Symposium 3: ROOM 221 A

Chair: James E. Bartlett, II,

Symposium 3: Navigating the Graduate and Postgrad Student Experience: Research Fellows, Dissertations, Classes, Training, Publications, and Relationships	The panel discussion will provide insight ways to intentionally approach the graduate and postgraduate experience. The session will discuss topics such as publishing from dissertations and classes, mentorships, and the participation in a research fellows program.
Gresham Collum, St. Cloud State University	
Zach Hyder, University of Tennessee	
Audrey Boochever, University of California Davis	
Jonathan Montoya, Santa Clara University	

Concurrent Sessions IV: Teacher Retention, Perceptions, and Voices from the Field $3:35\ PM-4:55\ PM$

Research Paper Session 7: ROOM 221 A

Discussant: Christopher Eck, Oklahoma State University

Chair: Zach Hyder, University of Tennessee

Paper 23: The Impact of Career &	This study examined the impact of Career and Technical Education (CTE)
Technology Education Concentrations on	concentration on academic and behavioral outcomes in high school. Using quantitative
the Success of High School Students	data analysis from 931 students, the participants were divided into CTE-concentrators
	and non-concentrators. The results demonstrated that CTE concentration had a
Michael R. Shoemaker, Rockhurst University	significant positive influence on academic success, as evidenced by higher ACT scores,
	Kansas Assessment Program (KAP) scores, and final GPA.
Paper 24: Short-Term Certificate Program	This paper examines the relationship between Short-Term Certificate (STC) program
Alignment with the Local Labor Market	openings and corresponding labor market activity for the two most popular STC fields
	of study, manufacturing and health. Findings indicate that one additional STC offered
Sophie McGuinness, Vanderbilt University	by a community college is associated with a 5-7pp increase in total employment in
	corresponding industries.
Paper 25: Using the State FFA Degree as	This study examined if the State FFA Degree could potentially work as a CRI for
a Career Readiness Indicator	agricultural education students and FFA members. FFA members who had earned their
	State FFA Degree were also compared to FFA members who had not earned the State
Kailee Johnson, Wake County (NC) Schools	FFA Degree.
Dr. Kirk Swortzel, Mississippi State University	
Dr. OP McCubbins, Mississippi State University	
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Research Paper Session 8: ROOM 221 B

Discussant: Xue Xing, University of Nevada Las Vegas

Chair: Jennifer LaDue, NC State University

Paper 26: STEM Integration for CTE AI	Artificial Intelligence (AI) is considered as the biggest challenge in the 21st century.
Literacy: A Systematic Literature Review	This meta literature review of approaches to Science, Technology, Engineering, and
Rita Mathew, University of Georgia Dr. Lee, In Heok, University of Georgia Dr. Mativo, John, University of Georgia Mary Frances, University of Georgia Dr. Roger Hill, University of Georgia	Mathematics (STEM) integration in Engineering Technology Education (ETE), in the context of Career and Technical Education (CTE), evaluates outcomes with practical applications for AI literacy.
Paper 27: Technology Competencies for Teaching and Learning: A Quantitative Study of the Perceptions of Early Career Educators Candace A. Claar, Pennsylvania State University	Research indicates that teacher candidates are not adequately prepared to effectively integrate technology into teaching and learning. This quantitative study determines early career teachers' perceptions of their preparedness for teaching and their perceptions of technology competencies. This study provides the needed technology competencies, professional learning experiences, and the challenges.
Paper 28: School-Based Agricultural	This study aimed to explore the self-efficacy of school-based agricultural education
Education Teacher Perceived Self-Efficacy	(SBAE) teachers in delivering instruction across three classroom settings: face-to-face,
in Face-to-Face, Remote, and Hybrid	remote, and hybrid. The participants were SBAE teachers from three southern states.
Classrooms	Self-efficacy was assessed using a teacher perception instrument specific to agricultural education classrooms. Teachers rated their perceived self-efficacy in each instructional
Dr. OP McCubbins, Mississippi State University Dr. Gayle Clark, Mississippi Department of Agriculture and Commerce	setting. The findings indicated significantly higher self-efficacy in face-to-face settings compared to remote and hybrid settings.

Symposium 4: ROOM 221 C

Chair: Sophia Alston, ACTE

Exploring the CTE Teacher Shortage

James E. Bartlett, II, Old Dominion University Michelle E. Bartlett, Old Dominion University Michelle Conrad, University of Central Missouri Jodi Adams, University of Louisville Sara Shaw, University of Central Florida Lisa Martino, University of Central Florida This session will discuss the CTE teacher shortage facing the United States at the secondary and postsecondary levels. The presentation will provide examples of practices some are using to develop teachers locally. Additionally, the session will discuss the need for research to examine postsecondary CTE faculty. The symposium will share initial findings from research that is examining how postsecondary early career postsecondary CTE factor different from those with experience.

ACTER Annual Membership Meeting and Closing Session 5:00 PM – 6:15 PM, Room 132

Business Meeting

Presentation of Conference Awards

Outstanding Symposium Outstanding Research Poster Outstanding Roundtable Outstanding Research Paper

Presentation ACTER

Outstanding Beginning Scholars Meritorious Service Award Distinguish Service Award Best Paper CTER Outstanding Dissertation Award

President's Closing Address

Announcement of 2023 Officers

Save the Dates

2024 ACTER CTE Research and Professional Development Conference



San Antonio, TX
December 2nd- 4th, 2024

Proposal Deadline: April 1, 2023

ACTER 2024, December 2nd – 4th

VISION 2024: San Antonio, TX, December 4 - December 7

ACTER 2025, December 8th – 10th VISION 2025: Nashville, TN, December 10 - December 13

Check http://www.acteronline.org in January for the Call for Proposals.

Follow ACTER on Twitter (X) @ACTERCareerTech

Thank You

This conference would not be possible without the service of many volunteers. We appreciate your commitment to scholarship in Career and Technical Education.

ACTER Posters

Poster 1 - Perceptions of State CTE Teachers of Teaching During a Pandemic

Dr. Bonny DuPuis, University of Idaho

Dr. John Cannon, University of Idaho

Dr. Mary Jo Self, Oklahoma State University

Poster 2 - Support Factors for Non-Traditional Groups in Workforce Education: Insights into Creating Equitable Career Pathways

Dr. Kimberly Luthi, Embry-Riddle Aeronautical University

Dr. Mickey Kosloski, Old Dominion University

Poster 3 - Exploring Gender Inequity in STEM

Bethany L. Mathie, Pennsylvania State University

Poster 4 - Preparing Students for Future Work: Teaching Soft Skills in Career and Technical Education

Helen Lee, Foundry10

Janelle Salcedo, Foundry10

Poster 5 - Attitudes of North Dakota Career & Technical Education Teachers Toward Working With Students With Disabilities

Brooke Thiel, North Dakota State University

Poster 6 – North Dakota Career and Technical Education Teachers' Perceptions of Work-based Learning

Brooke Thiel, North Dakota State University

Poster 7 - Automotive Technician Certification – The Relationship Between Certifications and Earned Income

David Macholz, Old Dominion University

Mickey Kosloski, Old Dominion University

Poster 8 - Influences on Career Selection

Diane Klemme, University of Wisconsin-Stout

Poster 9 - Exploring Perceptions of Career Growth and Employability Skills Outcomes of Career and Technical Education Program (CTE) Concentrators and Completers

Jamie Molina, Texas Tech University

Karen Alexander, Texas Tech University

Cindy Miller, Texas Tech University

Kyle Roberson, Texas Tech University

Melanie Schmitt, Texas Tech University

Poster 10 - Examining Changes in Learning Habits of Non-Traditional Adult Students in an Online Career and Technical Education Program Pre and Post Pandemic

Katherine Kandalec Holm, Athens State University

Timothy Thornton, Athens State University

Letitia Bergantz, Athens State University

Poster 11 - A Comparison of Family and Consumer Sciences (FCS) Secondary Students'

Perspectives on the Effects of Technology Usage on Adolescent Health Before and After a Digital Wellness Curriculum Intervention

Melanie Schmitt, Texas Tech University

Poster 12 - A Critical Science Qualitative Case Study: Historical Insights and Future Directions

Nicole Wanago, Texas Tech University

Karen Alexander, Texas Tech University

Poster 13 - Integrating Interdisciplinary Collaboration and Critical Pedagogy with CTE

Ryan Lundell, Santa Clara University Jonathan Montoya, Santa Clara University

Poster 14 - The Lessons Learned in Teaching in the Early Stages of the Pandemic among Family and Consumer Sciences Teachers

Sally Arnett-Hartwick, Illinois State University

Allen Kitchel, The Ohio State University

John Cannon, University of Idaho

Mari Borr, North Dakota State University

Michelle Bartlett, Old Dominion University

Mary Jo Self, Oklahoma State University

Carol Billings, University of Idaho

Kevin Elliott, Pittsburgh State University

Jeremy Jeffery, Commonwealth University of Pennsylvania

Poster 15 - A Self Determination Theory Perspective of the California Hispanic Agriculture Teacher Experience.

Samuel Rodriguez, California State University - Fresno

Poster 16 - Integrating Inclusive Research: Facilitating Safety Instructor Development

Taija R. Jackson, Utah State University

Michael L. Pate, Utah State University;

Rebecca G. Lawver, Utah State University;

Dustin K. Perry, Montana State University;

Scott W. Smalley, Iowa State University;

Jim Hafer, Chief Dull Knife College;

Don Edgar, New Mexico State University;

Marvin Young, Prairie View A&M;

Celina Wille, Utah State University

Poster 17 - Analysis of Industry Recognized Credentials that Lead to Quality Employment for High School Graduates

Teri Harris, Old Dominion University

Dr. Mickey Kosloski, Old Dominion University

Poster 18 - Academic and Career Ready, a Culture of Teaching and Learning?

Urs R. Haltinner, University of Wisconsin - Stout

Debbie Stanislawski, University of Wisconsin - Stout

Poster 19 - Reevaluating the Role of Narrative as a Way to Promote Equity in Postsecondary Career and Technical Education

Yeo-Ri Kim, University of Georgia

Poster 20 - Infusing Entrepreneurship in Postsecondary CTE Through Learning Communities,

Anthony Perry, University of North Dakota

Bradley Kinsinger, Kirkwood Community College

Rosemary McBride, University of Wyoming

Poster 21 - Exploring Welding Instructors Perception Toward Teaching Safety in Community College Programs,

Jarvis Gray, North Carolina State University

James E. Bartlett, II, Old Dominion University

A Very Special Thank You to Our Sponsors









Announcing the 2023-24 Postsecondary Career and Technical Education Research Fellows

Hosted by Old Dominion University, Sponsored by ECMC Foundation



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