Twenty-Eighth Annual

Conference on INTEGRATED LEARNING: THE SCHOOL-TO-CAREER CONNECTION

Pennsylvania Department of Education
Bureau of Career and Technical Education

November 6-8, 2019
The Penn Stater Conference Center Hotel
8:00 AM – 5:00 PM  REGISTRATION

9:00 AM – 12:00 PM  PRECONFERENCE WORKSHOPS

10:00 AM – 5:00 PM  COMMERCIAL, EDUCATIONAL AND STUDENT EXHIBITS

Lobby Area
Courtyard Lounge
Refreshment Area  Visit our exhibitors. Resources, catalogs, equipment, and educational materials related to the integration of academic, career and technical education, and other school restructuring initiatives will be on display.

11:30 AM – 12:45 PM  LUNCHEON BUFFET

Presidents Hall  Your nametag will be your meal ticket.

1:00 PM – 2:30 PM  GENERAL SESSION

Presidents Hall  WELCOME

Jean Kelleher – Division Manager, Bureau of Career and Technical Education Pennsylvania Department of Education

KEYNOTE SPEAKER

Teaching Kids to THRIVE: Building the Other Essential Skills for Success

Debbie Silver – Educational Motivator

For students to thrive in their frenzied, high speed, hyper-connected environments, it is imperative for them to learn important competencies that go beyond academic standards. In this thought-provoking presentation, Debbie examines how educators can help students develop their social and emotional learning skills to find success both now and in the future.

2:45 PM – 3:45 PM  CONCURRENT SESSIONS

Room 104  Building Strong Instructors Through Induction

Elizabeth Ireland – Advertising Art and Design Instructor, Berks Career and Technology Center - West
Michael Stein – Technology Instructional Coach, Berks Career and Technology Center - West

Recruitment, training, and retention of new instructors is more difficult than ever during times of a robust economy when qualified industry professionals often choose industry over teaching. In this presentation, attendees will learn how the technology center experienced and dealt with past difficulties recruiting qualified applicants and how they’ve supported, and ultimately retained new teachers through an immersive three-year induction program focused on transitioning professionals from industry to the classroom and helping them overcome the challenges often felt by new teachers. The technology center has refocused its new instructor experience to provide specific trainings and ongoing support with participation from administration, instructional coaches, and mentors utilizing a systematic accounting for identified topics required to be successful as a new instructor.
Room 105  A Comprehensive Approach Utilizing the Programs of Study Task List for Student Achievement

Wesley Kuchta – Administrative Director, Lenape Technical School

Lenape Tech has taken a comprehensive approach in utilizing the PDE Programs of Study (POS) task lists to align curriculum, assessment, and student accountability. This presentation will focus on efforts to ensure that all stakeholders understand and utilize the POS task lists to develop curriculum and assessments and improve the performance of students. Data analysis that is used on many different levels with students, staff, and parents will be shared.

Room 106  Utilizing Educational Consultants in the CTE Classroom

Alice Davis – Executive Director, Susquehanna County Career and Technology Center
Kim Cosklo – Cosmetology Instructor, Susquehanna County Career and Technology Center
Bruce Castelli – Carpentry and Cabinetmaking Instructor, Susquehanna County Career and Technology Center

This presentation will focus on how the career and technology center utilizes outside coaching from the Southern Regional Educational Board (SREB) and other educational consultants. The presentation will include models of instruction, components of training, examples of instructor and student involvement as well as staff development and responsibility. The PDE Technical Assistance Program, SREB, and educational consultants such as Morrell Consulting will be discussed. Specific examples of math in career and technical education, literacy strategies, and nontraditional recruitment will be shared.

Room 107  Strengthening Literacy Skills With iPad

David Diokno – Apple Education

Discover new ways to enhance students’ literacy skills with the power of iPad. Explore the built-in features on iPad and a variety of education apps that can build reading, writing, listening, and speaking skills. Experience creativity apps that help students increase fluency and demonstrate their knowledge in creative and personal ways.

Room 108  Roundtable Discussion – Perkins V Technical Assistance

Monique Burton – Division Manager, Data Analysis, Assessment and Contracts, PDE’s Bureau of Career and Technical Education
Cynthia Gross – Career and Technical Advisor, PDE’s Bureau of Career and Technical Education
Kevin Springman – Research Associate, PDE’s Bureau of Career and Technical Education

This session is an opportunity for Perkins recipients to ask questions of the Strengthening Career and Technical Education for the 21st Century Act (Perkins V). This session will be offered again Thursday at 9:00 AM.
Room 109  **Walking With the Warrior: Boot Camp for Serving Those Who Serve**

Stephanie McHugh – School Counselor, Belle Vernon Area School District  
Paul Shipley – Counselor, California University of Pennsylvania

The presenters will discuss the differences between military and civilian culture and how attention to the social-emotional needs children impacted by their caregivers’ military service may have far-reaching ramifications on student academic success, attendance, behavior, and career potential. This session advocates providing contextually-appropriate resources and networking opportunities to all students impacted through the lens of military culture. Presenters will also discuss how to capture military-related contextual data in school registration procedures and via PIMS reporting to identify students in need. An overview of the STARS in Schools Program and supporting networks will be provided to show what educators may offer to students and families. A resource sheet of sites and organizations and a tip sheet of strategies and interventions will be provided.

Room 204  **“Tech-ing” It to the Streets: Delivering the CTE Message “Hot & Fresh”**

John Jefferey Sweda – Executive Director, Upper Bucks County Technical School  
Adam Lazarchak – Executive Director, Bethlehem Area Vocational-Technical School

Two career and technical schools have found a way to mobilize their marketing efforts through community and district events. Learn how they are delivering their message “Hot & Fresh,” while providing unique educational experiences for their students.

Room 205  **Seeding the Future of Food With Technology**

Robert Lacivita – Assistant Director, North Montco Technical Career Center  
Patricia Miller – Horticulture Instructor, North Montco Technical Career Center

Horticulture is an exciting and fulfilling field that offers diverse career opportunities. Join us as we share innovative ways to invigorate a horticulture program by incorporating various sustainable growing technologies into its curriculum. Students tackle 21st century food challenges as they explore connections between sustainable food production practices and environmental stability. Using a greenhouse aquaponics system, which combines conventional aquaculture (raising tilapia in tanks) with hydroponics (cultivating plants in water) in a codependent biofiltration environment, students are exposed to core science concepts in a new way. They are learning biology, chemistry, physics, and other core scientific concepts through hands-on crop production.

Room 206  **Math Interventions That Promote Career Acquisition, Retention, and Advancement**

Ashley Horensky – Algebra I and Plane Geometry Instructor, Hazleton School District  
Kathy Specht – Career Development Consultant

Finding engaging activities for math in ninth and tenth grades can be challenging. As a classroom instructor, you are always looking for ways to make math meaningful and focused on future goals. Integrating the Career Education and Work (CEW) standards into the math curriculum produced an extraordinary response – the students loved it! In a diverse setting, students were challenged to research a career, utilize web resources, and develop a presentation regarding career choices based on their interests. Six lessons were developed that can be implemented in various content areas, particularly math, to engage students and have them future ready. Attendees will see sample lessons and work produced by students that give measurable results to show understanding of sections 13.2 and 13.3 of the CEW standards.
Room 207  Career Development is the Key

Alice Justice – Career Development Consultant
Michael Thompson – Career Development Consultant

School counselors are charged with facilitating the academic, social/emotional and career development areas for students that they serve. While this task seems daunting, particularly when many counselors have caseloads of over 300 students, there are some simple strategies which can help maximize your time and get more “bang for your buck.” This session will outline a roadmap where the implementation of an effective career development curriculum and delivery of career development intervention strategies serve as an effective delivery and intervention system for all three areas. The presenters will highlight the power of an effective K-12 Guidance Plan required by Chapter 339 for all school districts, effective strategies for introducing and educating students about the value and importance of career and technical center opportunities, career interventions to help students struggling with academic barriers, and career interventions to help students struggling with social/emotional obstacles.

4:00 PM – 5:00 PM  CONCURRENT SESSIONS

Room 104  Teaching Manufacturing Concepts to High School Students Using Hands-On Simulations

John Wingerter – CTE Engineering Instructor, Erie School District
Milinda McCorkle – CTE Engineering Instructor, Erie School District
Anna Marie Andrews – Field Instructor, Indiana University of Pennsylvania

Using hands-on simulations to teach design and manufacturing is an effective tool to convey these concepts to learners. Both technical and non-technical skills can be integrated with the simulations. The use of hands-on simulations can improve student understanding of the interrelationship between design and manufacturing as well as other related activities such as inventory management and production planning. Hands-on simulations for the different manufacturing environments are developed using Lego cars. Students work on the hands-on simulations in groups and their understanding of the manufacturing concepts is assessed through surveys. A different simulation task is allocated to each group member such as supplier, customer, assembler, inspector, and tester. The performance of each student group is evaluated based on the number of Lego cars produced per unit time, number of defects, and total production cost. Data pertaining to student performance and learning outcomes is collected and analyzed to provide recommendations. This session will be repeated on Thursday at 12:45 PM.

Room 105  Advanced Manufacturing Pre-Apprenticeship Career Pathway for High School Students

Ross Berger – Client Development Specialist, Pennsylvania College of Technology
Gerry Pena – Industrial Technology Specialist, Pennsylvania College of Technology

The Advanced Manufacturing Pre-apprenticeship Program (AMP) is designed to advance awareness of employment opportunities in manufacturing and increase the number of students choosing manufacturing-related career pathways. Career and technical education programs provide a great springboard for high school students to enter manufacturing fields. However, there is a need for more students to enroll in manufacturing-related CTE programs. This school-based AMP Program prepares students with the entry-level skills required for any number of manufacturing occupations. Learn what a pre-apprenticeship program is, how it aligns with CTE programs, and how the Penn College model prepares high school students from a variety of educational settings to build foundation academic and technical skills, earn an industry credential and enter multiple career pathways in advanced manufacturing. Participants will also learn how pre-apprenticeship satisfies Future Ready PA Index Career Readiness requirements and preparation for postsecondary advancement.
Room 106  Creating a Career Ready PA

Laura Fridirici – Career Readiness Advisor, PDE’s Bureau of Curriculum, Assessment, and Instruction, Office of Elementary and Secondary Education
Craig Hummell – Curriculum Specialist, Intermediate Unit 1

Career Ready PA prepares learners for success in 10 Career Ready regions. Pennsylvania’s future depends on having a well-educated and skilled workforce prepared to meet the current and projected demands of a global, knowledge-based 21st century economy. Career Ready PA supports educators through cross-sector collaboration, training, best practices, and resources to prepare students for the employability skills necessary for meaningful engagement in postsecondary education, in workforce training, in career pathways, and as responsible, involved citizens. To address this need, PDE has developed the Career Readiness State Training Support Plan, supported by an intermediate unit liaison in each of the 10 Career Ready PA regions. The goal of this plan is to provide educators with access to professional development training opportunities that deliver the methodologies needed to prepare students for postsecondary success. This session will provide updates on the Career Ready PA message and drill down to the regional training plan and how it supports educators, students, and the workforce. This session will be repeated on Thursday at 9:00 AM.

Room 107  Student Cell Phone Problems? TBH, J4F – Let’s Speak Their Language!

James Gurcsik – Culinary Arts Instructor, Schuylkill Technology Center
Andrew Wollyung – HVAC/Plumbing Instructor, Upper Bucks County Technical School

If our students spend so much time on their cell phones, then why are we not embracing their already prevalent technological literacy? What if I told you that you could be teaching 20+ separate lessons to 20 separate students simultaneously while working one-on-one with another student; would you believe me? This presentation will focus on continuous student and educator engagement through the use of media-rich platforms. You will learn how to create QR codes and embed them within your current curriculum and classroom. Students scan QR codes to access YouTube videos, associated lessons, advanced learning material, or even additional support. This opens the door for struggling students to have the ability to re-examine course lectures and demonstrations while allowing advanced learners the ability to progress unilaterally.

Room 108  Beyond the Brick and Mortar: The Benefits of School Climate in the Community

Stacey Minahan – Assistant Director, Schuylkill Technology Center
Gretchen Witman – Social Worker, Schuylkill Technology Center

This presentation will focus on how the National School Climate Initiative has been used to create a more positive perception of career and technical education (CTE), not just within our school, but in the community at large. This presentation will highlight how the school climate process has grown in scope from one year to the next with surprising benefits that include overwhelming community pride in the CTE experience. Initiatives like our Student Ambassador program, community service events, increased public relations, and our school-wide food truck project have created positive relationships beyond our immediate school community and subsequently ignited a county-wide focus on CTE.
Room 109  **Access Abilities: Designing for All Learners**

Dave Marra – Apple Education

More students are coming to school with varying abilities. And teachers are exploring new ways to not only support these learners, but to also personalize every student’s learning experience. Join us to learn about tools and resources from Apple that allow all students to explore, communicate, and create in new and powerful ways. Explore the built-in accessibility features included on every iPad, Mac, and Apple TV that can be customized to help diverse learners succeed.

Room 204  **Preparing Tomorrow's Construction Leaders**

John Augustine – Administrative Director, Greater Johnstown Career and Technology Center
Susan Muggeo – Executive Director, Pearson NCCER
Stephanie Larkin – Education, Safety, and Workforce Development Vice President, ABC Keystone Chapter

As the construction industry braces for a significant shortfall of talent, what is being done to prepare tomorrow’s leaders for the opportunities that lie ahead? Coming down the pipeline of tomorrow’s economy are students who are striving for a successful career. There is inter-connectivity between our students, instructors, resources, and the companies that are hiring. This session will provide attendees with some best practices of what educators around the state are doing to prepare their students for the career opportunities in our industry. Learn how to engage industry in the classroom, what educational resources are available to ensure students are being taught the skills needed to succeed, examples of industry partnerships that are already working well for K-12 students, and opportunities for students to get a jumpstart on their construction training while still in school.

Room 205  **The Relationship Between Instructional Coaching and Student Achievement**

Gerald Witmer – Administrative Director, Reading Muhlenberg Career and Technology Center

Recently, a study was completed focusing on instructional coaching and its impact on the NOCTI achievement of students. A total of 61 schools and/or centers in Pennsylvania participated in the study which included the NOCTI assessment outcomes of approximately 100,000 individual students between the years of 2006 to 2016. Does this research support the employment of instructional coaches for the purpose of improving NOCTI outcomes? Stop by and find out!

Room 206  **“How Can I Help You?” Out-of-Box Learning Strategies**

Darius Kovacina – Paraeducator, Central Westmoreland Career and Technology Center
Darlene Patrick – Paraeducator, Central Westmoreland Career and Technology Center
Eric Westendorf – Assistant Director, Central Westmoreland Career and Technology Center

This session will emphasize the importance of paraeducators assisting teachers in the learning process. Sometimes, not all students can learn at the same pace. We will show you and demonstrate the ideas we have developed to make learning fun without accentuating the disability a student may have. This session will be repeated on Thursday at 2:00 PM.
Room 207  School Counselors At This Conference...Why Are We Here?

Tia Dreckman – School Counselor, Milton Area School District
Aaron Slusser – School Counselor, Milton Area School District

Learning about the ideas of others and making them work with your school, students, and community is what the Conference on Integrated Learning (ILC) is all about. Attend this session to hear how one school counselor left the 2018 ILC with two career readiness initiatives already in the works; all because of ideas and collaboration learned during the ILC! Last school year, Milton Middle School rolled out its first-ever eighth-grade Career and Technical Education Workshop Day and started a weekly Career Lunch series. Learn how we’ve helped students to identify future-focused interests by partnering with our career and technical education instructors, the Central PA Chamber of Commerce and local businesses. We will share our programs for you to take back to your school and make them your own!

6:00 PM – 8:00 PM  CONFERENCE DINNER BUFFET

Presidents Hall  PRESIDING

Jean Kelleher – Division Manager, Bureau of Career and Technical Education
Pennsylvania Department of Education

DINNER SPEAKER

Pedro A. Rivera – Secretary of Education
Pennsylvania Department of Education

Pedro Rivera was appointed to the position of Secretary of Education by Governor Tom Wolf in 2015 and was unanimously reconfirmed in 2019. Under Rivera’s leadership, the Pennsylvania Department of Education has updated graduation requirements, improved school accountability measures, and reduced the length and times of standardized tests – all while engaging with thousands of diverse stakeholders from across the state in the process. He believes stakeholder engagement and feedback is critical to informing and driving policy and practice.

2020 PENNSYLVANIA CAREER AND TECHNICAL EDUCATION POSTER AWARD

Kaiya Bauer – Advertising Design and Commercial Art Student, Reading Muhlenburg Career and Technology Center
7:30 AM – 8:45 AM  BREAKFAST

Presidents Hall
The Penn Stater Breakfast Buffet

9:00 AM – 4:30 PM  COMMERCIAL, EDUCATIONAL AND STUDENT EXHIBITS

Lobby Area
Visit our exhibitors. Resources, catalogs, equipment, and educational materials related to the integration of academic, career and technical education and other school restructuring initiatives will be on display.

Courtyard Lounge

Refreshment Area

9:00 AM – 10:00 AM  CONCURRENT SESSIONS

Room 104  A Few Out...A Few In...Growth Mindset Strategies

Hanna Seyfert – Sports Therapy Sciences Instructor, Lebanon County Career and Technology Center
Dodie Amigh – Interior Decorating and Finishing Instructor, Greater Altoona Career and Technology Center

This session will challenge educators to reflect on their current mindset, as well as reflect on their students’ mindset, and help them incorporate mindset strategies into their daily practice to transform their classroom and individual professional success! Attend this session and learn how to describe principles of growth mindset, recognize fixed versus growth mindset in oneself and others, and identify strategies to assist individuals to become open-minded to using growth mindset strategies and the benefits of using growth mindset strategies. Explore hands-on activities to improve instructor and student mindsets.

Room 105  Programs of Study 101: What's Your POS IQ?

Elsie Bell – Educational Consultant
Erin Young – Project Coordinator, Education Resource Center, Penn State Greater Allegheny

This session will introduce participants to the basics of the state’s Programs of Study (POS), SOAR, and NOCTI. The discussion will answer why and how POS are developed and the revision cycle, implementation of Perkins V into POS, and how the SOAR secondary and postsecondary articulation program works and the benefits to students. The session will continue with NOCTI testing, as it pertains to the state tests, data, and the developmental process. Time will be provided for discussion and questions.
Creating a Career Ready PA

Laura Fridirici – Career Readiness Advisor, PDE’s Bureau of Curriculum, Assessment, and Instruction, Office of Elementary and Secondary Education
Craig Hummell – Curriculum Specialist, Intermediate Unit 1

Career Ready PA prepares learners for success in 10 Career Ready regions statewide. Pennsylvania’s future depends on having a well-educated and skilled workforce prepared to meet the current and projected demands of a global, knowledge-based 21st century economy. Career Ready PA supports educators through cross-sector collaboration, training, best practices, and resources to prepare students for the employability skills necessary for meaningful engagement in postsecondary education, in workforce training, in career pathways, and as responsible, involved citizens. To address this need, PDE has developed the Career Readiness State Training Support Plan, supported by an intermediate unit liaison in each of the 10 Career Ready PA regions. The goal of this plan is to provide educators with access to professional development training opportunities that deliver the methodologies needed to prepare students for postsecondary success. This session will provide updates on the Career Ready PA message and drill down to the regional training plan and how it supports educators, students, and the workforce.

Curriculum Arcade: Introducing Game Methodologies Into the Classroom

Sherry Appleton – Medical and Health Professions Instructor, Middle Bucks Institute of Technology
JoAnn McLaughlin – Cosmetology Instructor, Middle Bucks Institute of Technology

Game-Based Learning (GBL) is the future of education. It can be defined as lessons which are competitive and interactive and allows the learner to have fun while gaining knowledge. It has been shown that 79 percent of students agree that their motivation and productivity would improve if learning environments were similar to games. The best game-based learning has three main elements – competition, engagement, and immediate feedback. This is vital to keep the learner invested and coming back for more. GBL is also more transferable to real-world scenarios by making students collaborate, communicate, interact, and work in teams. Career and technical education instructors are preparing students for workforce readiness, so gaming in the classroom sets the framework for real-world applications as students work together to achieve goals and solve problems. This presentation will identify games that can be adapted to any curriculum area. Participants will hear how to incorporate games into any subject matter and how to align learning objectives with the dynamics of the gaming process. This session will be repeated on Thursday at 3:15 PM.

Roundtable Discussion – Perkins V Technical Assistance

Monique Burton – Division Manager, Data Analysis, Assessment and Contracts, PDE’s Bureau of Career and Technical Education
Cynthia Gross – Career and Technical Advisor, PDE’s Bureau of Career and Technical Education
Kevin Springman – Research Associate, PDE’s Bureau of Career and Technical Education

This session is an opportunity for Perkins recipients to ask questions of the Strengthening Career and Technical Education for the 21st Century Act (Perkins V).

Differentiated Assessment and Success of ELs in the Contemporary Classroom

Steven Ring – Building Trades Maintenance Instructor, Lehigh Career and Technical Institute

This session presents the use of differentiated formative and summative assessments in the contemporary classroom for English Learners (ELs). We will explore who are ELs, how we
can assess ELs, and how we can best serve ELs via assessment in our classrooms. We will discuss different levels of ELs according to WIDA, formerly World-Class Instructional Design and Assessment, and how to adequately differentiate and assess for each level. There will be several vignettes exploring what we covered and the chance to apply what we have learned throughout the presentation.

**Room 204  Connecting Students, Parents, and Businesses With the Value of CTE**

Benjamin Mordan – Assistant Director, Franklin County Career and Technology Center
Jim Duffey – Director, Franklin County Career and Technology Center
Daniel Perna – Owner/President, James Daniel and Associates, LLC

Career and technology centers strive to create a positive connection with the high schools they serve; foster strong relationships with local businesses; and introduce students, parents, and community members to the value of technical education. The career and technology center achieves these aims through systematic alliances within its region. The school has gained a strong reputation as a viable educational option for all students regardless of a student's future goals. It engages business and community partners in developing and evaluating Programs of Study and career pathways. In the process of working with business and community partners, the school offers access to appropriate work-based learning experiences while focusing on building students’ academic, technical, and employability skills. While leading students to enhance their 21st century skills, the school has engaged parents and other entities in the community to recognize that the school offers a positive learning culture for all students regardless of a student’s life goal. This presentation will outline the systematic structure that the school uses to be recognized, not as an optional choice, but as a significant secondary school for all students in the county.

**Room 205  Assessing Students’ Career Interests for CTE While Meeting Future Ready Index Requirements**

Michele Dubbs – Secondary School Counselor, Shippensburg Area School District

Looking for an easy way to assess your students’ career abilities and interests and promote awareness for your local career and technology center? Interested in implementing the career readiness indicators while supporting your K-12 comprehensive school guidance plan? The presenter will describe how the SmartFutures.org website can be a successful digital system for the assessment of student career interests and abilities and supports the collection and reporting of evidence using the Pennsylvania Academic Standards for Career Education and Work as a blueprint. Implementation includes seamless artifact creation and uploading, student-focused career standard badging, and simple PIMS monitoring and reporting, which efficiently and developmentally meets Future Ready PA Index requirements. Students are creating their own “smart futures.”

**Room 206  Embedded Numeracy – Simple Strategies to Make Math Meaningful**

Kelly Cahoon – Instructional Coach, Lehigh Career and Technical Institute
Lisa Heineman – Mechatronics Instructor, Lehigh Career and Technical Institute

In career and technical education, some of our students will head directly into the workforce while others will attend postsecondary education. For all of our students, it is imperative to develop a deep foundational knowledge of numeracy embedded in the technical content they are studying in their programs. In this interactive presentation, instructors will engage in numeracy strategies that can easily be replicated in any program and content area. These strategies are designed to help math become meaningful for students while making the instruction manageable for the non-math instructor.
Room 207  Sustaining a Successful Advisory Council

Shannon Salpeck – Middle School Counselor, North Allegheny School District

Advisory councils can be overwhelming to plan and implement; however, during this session, you will be motivated to implement and continue an advisory council that will benefit your current school counseling program. Ideas will be shared on ways to utilize resources within your area to promote and sustain your advisory council.

10:15 AM – 11:15 AM  CONCURRENT SESSIONS

Room 104  Business, Community, and Education Partnerships Through Multiple Stakeholder Engagement

Kirk Williard – Career, Technical and Customized Education Director, Chester County Intermediate Unit 24
Michael Katch – Career, Technical and Customized Education Assistant Director, Chester County Intermediate Unit 24

Travel with us as we walk through partnerships with business and industry, community organizations, and our schools to learn how to reinvigorate the way to create opportunities for students. Find out how we engage multiple entities to obtain job tours and shadows, cooperative education, donations, student interviews, etc. and use them for the benefit of the students. Why is community engagement essential and how do you take action? What are the outcomes of engaging multiple entities? How can you build a team of internal staff and ensure they are engaging with industry, workforce development, and economic development partners? We are doing it all and so can you!

Room 105  Berks County's Technical Academies – A Proven Partnership

James Kraft – Executive Director, Berks Career and Technology Center
Gerald Witmer – Administrative Director, Reading Muhlenberg Career and Technology Center
Jodi Corbett – Academic Partnerships Director and Special Assistant to the President, Reading Area Community College

The Reading Muhlenberg Career and Technology Center (CTC), the Berks County Career and Technology Centers and the Reading Area Community College (RACC) have partnered to provide a seamless transition for high school students to acquire college coursework in a dual track while enrolled at the CTC. There are five established technical academies with the newest, The Teacher Academy launching this fall for students enrolled in Early Childhood Education. This is a 2+2+2 model with students earning up to 27 college credits prior to graduation from high school leading to an Associate’s degree in a related field from RACC. In turn, RACC has articulation agreements with Bloomsburg University and the newest, with Kutztown University, for students to have the ability to earn their bachelor’s degree online.

Room 106  Yes, They're Ready: The PA Career Ready Skills for Students

Pamela Emery – Educational Consultant, PDE’s Office for Safe Schools
Jean Kelleher – Division Manager, Program Standards and Quality Assurances, PDE's Bureau of Career and Technical Education

This interactive session will share the Pennsylvania Career Ready Skills Pre-K-12 Continuum and tools that enable educators to integrate them into their daily practices. Participants will have the
opportunity to practice some of the strategies in the toolkit. Modeling, teaching and providing students opportunities to use and practice these skills improves student engagement and achievement and readies them for employment. This session will be repeated on Thursday at 2:00 PM.

**Room 107  Social Media Savvy: Understand It, Teach It, Know It**

Stacie Knehr Kutz – Instructional Technology Specialist, Lehigh Career and Technical Institute

Social media is pervasive in our lives and the lives of our students. Do you know how to keep yourself and your job safe while you navigate the slippery slope of social media? Do you know how to teach your students to do the same? Come learn some tips for yourself while taking away instructional resources to help you teach your students how to avoid posting pitfalls.

**Room 108  Building School Character With a Mindful Attitude**

Joe Tarasovitch – Principal, Erie County Technical School

With the school’s creation, adoption, and full integration of staff and student “Be-Attitudes”, the school community has embraced a thoughtful process for communication that builds on student assets and capabilities and engages the “whole student” during the educational day. The student “Be-Attitudes” provide a process that recognizes and affirms student character and qualities that bridges to sending schools, positively addresses student discipline issues, and support student and faculty interactions through a shared understanding of the school’s values and expectations. The presenter will share both the staff and student “Be-Attitudes” as it relates to the culture of the school, the low level of discipline problems, and the high attendance and academic achievement. In addition, anecdotal evidence of the power of the program will be provided related to student recognition practices and student discipline. Finally, the presenter will discuss how this practice serves as a foundation in the school’s efforts to recruit and retain underrepresented students, particularly those by gender.

**Room 109  Break Out of the Silos! IEP Transition Services and the Career Education and Work Standards**

Anne Leonard – Career Readiness Education Facilitator, Northwest Tri-County Intermediate Unit 5
Amy Harvey – Training and Consultation Education Consultant, Northwest Tri-County Intermediate Unit 5

We’re all working hard to integrate meaningful career readiness into our classrooms to ensure that students are career ready. Let’s break out of the silos and work smarter, not harder. When aligning transition goals to a student’s individual needs, why not connect them to their career plan? Join specialists in transition and career education, and learn how to align your transition goals with what is happening across the state. Using the Career Education and Work Standards to guide transition services and activities for students with special needs, the presenters have worked to develop best practices for integrating transition services and career education. Learn more about creating services and activities that are truly individualized and that meaningfully engage each student.
Room 204  Training First Responders for Community and Career

Lisa McNamara – CTE Director, Octorara Area School District
Mark Barto – Homeland Security and Protective Services Instructor, Octorara Area School District
George Crowding – Operations Director, Chester County Department of Emergency Services

In 2013, our school district opened a Homeland Security and Protective Services Academy in response to workforce and the local community’s need for more first responders. Students train in a state-of-the-art safety and security campus, learning best practices from a variety of professional first responders from the police, fire, and EMT career pathways. Students join their local fire company to enhance learning and hone skills. The Academy offers over 64 state and national certifications, which in turn can transfer into more than 50 college credits. Fire, EMT, and police associations as well as elected officials and a highly organized and committed occupational advisory committee are working collaboratively to provide funding, scholarships, and work-based learning experiences to students. Learn how to duplicate this model in your school district or career and technology center and begin training first responders.

Room 205  Pathways to Success: Building Student Foundations in Postsecondary Schools

Katherine Walker – Curriculum Specialist/Instructor, Central Pennsylvania Institute of Science and Technology

In our required course, Pathways to Success (PSS 101), students meet over the first term for 15 hours to learn more about who they are, how they learn, and what Central Pennsylvania Institute of Science and Technology (CPI) has to offer them. In this weekly course, students take personality tests, listen to guest speakers, participate in online discussions, and recreate situations in simulations. By providing a single course where students can talk to an instructor outside of their program area presents yet another person students can confide in, but also see as a mentor. By bringing in speakers from local organizations and industry, students can see how CPI pairs with community partners for outreach and continued educational opportunities. This session will focus on effective strategies, consider areas for growth, and allow time for audience discussion of the need for such a foundational program in our postsecondary schools. This session will create opportunities for audience participation, discussion, and questions.

Room 206  Task and Portfolio Progress Days at Eastern Westmoreland CTC

Todd Weimer – Administrative Director, Eastern Westmoreland Career and Technology Center
Ben Shaw – English Instructor, Eastern Westmoreland Career and Technology Center
Dane Zimmer – Special Populations Coordinator, Eastern Westmoreland Career and Technology Center

At the conclusion of each quarter, instructors meet individually with their students to assess progress made on their curriculum task list and comprehensive portfolio project. Goals are set and reviewed during each meeting throughout the student’s three-year career at our school. Participants in this session will see how these meetings are documented, how progress is tracked electronically, including 19 personal and professional development tasks adopted schoolwide, and will get an inside look at our comprehensive portfolio project which includes multiple project-based learning components.
Room 207  Exemplary Partnerships: The Bigger Picture and the Bigger Impact

Pamela Streich – Strategic Planning and Project Management Director, Workforce Solutions for North Central PA
Roxanne Ober – Admissions and Outreach Director, Pittsburgh Institute of Aeronautics
Sara Deegan – Community Engagement Librarian, Greensburg Hempfield Area Library
Betty Holmboe – Career Development Consultant

The preparation of youth for meaningful engagement and transitioning to adult life requires K-12 career development interventions and process learning, both inside and outside the school walls. Strong career development programming interacts strategically with workforce and economic development. This necessitates energetic outreach, by educators into the community, in many directions. You will want to consider “big picture entities” in your area that provide many resources, a large outside network and a reputable voice in the community. For example, those “big picture” partners might be a well-known community-based organization, a powerful workforce system organization, a specific and involved industry association, a postsecondary training center with extensive outreach, etc. Given the value and power of these significant community partners, connecting with them can be highly motivating and very beneficial to your K-12 program. This interactive session will feature exemplary partnerships and highlights how these community partners interact with school districts and career and technical centers and ways in which you can transfer their model practices to your region.

11:30 AM – 12:30 PM  LUNCHEON BUFFET
Presidents Hall  Your nametag will be your meal ticket.

12:45 PM – 1:45 PM  CONCURRENT SESSIONS

Room 104  Making Data-Driven Career Choices

Kim DeLellis – Statistician Manager, Center for Workforce Information and Analysis
Mark Hoover – Statistician Manager, Center for Workforce Information and Analysis

Discover the wealth of web-based information and tools hosted by Labor and Industry’s Center for Workforce Information and Analysis. Gain a better understanding of the industry and occupation-based data readily available to users. Learn how this data can help guide career exploration for students and impact education and training programs.

Room 105  Integrating Math and ELA into CTE Instruction

Fred Redden – Executive Director, Clearfield County Career and Technology Center

Our career and technology center has made the integration of math and English language arts into career and technical education (CTE) content areas a top priority. Google apps have allowed the teachers to access, create, audit, and regularly change CTE curriculum. The ability to add PA core academic standards has created an avenue for CTE teachers to collaboratively align lessons. Fundamentally, it’s a Google technology-based curriculum alignment program that is developed and used collaboratively between program instructors, core subject teachers, and paraeducators.
Room 106  Now, Some Research: Are You an Instructor Driven by a Purpose? Do You Truly Want to Teach?

MaryAnn Volders – Vice President for Secondary Education, Central Pennsylvania Institute of Science and Technology
Daniel Perna – Owner/President, James Daniel and Associates, LLC

Do you stay in education by being focused on a purpose? Do you remain an educator even though you feel the negative conditions that surround schools? Do you continue in the profession because you love teaching? If you answered these questions with an affirmative answer, you may be in the minority. Recent reports contend the United States is facing an instructor shortage. By interviewing instructors from 10 states, the presenters have discovered that the instructors who see teaching as a calling have congruent answers to eight questions that were asked of them. These instructors make it clear that they will stay in the profession regardless of the conditions that they confront with students, parents, state mandates, and media negativity. In this session, participants will learn the study results and have an opportunity to assess themselves with the eight questions used in the research. Participants will leave the session with a clearer vision of their purpose for being an instructor, and why they want to stay in the profession as a life-long career.

Room 107  Work Smarter, Not Harder, With Technology

Britney Marsh – Agricultural Educator, Dover Area School District

This presentation will explore applications that will increase student engagement and make your job easier. Gimkit is a review game that gets everyone involved and brings out students’ competitive sides – couple this with Quizlet and you have a review game completed in a few minutes. Classroom Screen is an instructor’s organizational dream – this interactive screen serves as a multitude of tools for the classroom. Flipgrid is an alternative to the typical written response – students can create short and entertaining clips about what they learned. PDF to Pages is a free application that allows you to edit and save PDF’s. Weebly allows students to create digital portfolios documenting the skills they have acquired throughout their high school career – these portfolios can follow them throughout their life, and its a great way to track NOCTI task list items. Screencasting is an innovative way to flip your classroom, especially since flexible instruction days have been approved by PDE. QR Codes are a fast, fun, and easy way to disseminate information without taking up a lot of classroom space. All of these applications are sure to get students excited about learning and doing assignments! Each application is user-friendly and makes planning and organizing a little easier for you. You will walk through each of these applications and learn how to incorporate them into your classroom.

Room 108  Teacher in the Workplace – Lehigh Valley Manufacturing

Terri Keefe – Employer Engagement, Technology, and Community Education Dean, Lehigh Carbon Community College
Julie Trumbauer – Job Training Programs Coordinator, Lehigh Carbon Community College
Elsie Bell – Educational Consultant

This presentation will focus on the development of programming that enabled K-12 educators to participate in site visits to area manufacturing plants for six days. Instructors met with corporate leaders, learned about jobs across the industry, toured facilities, participated in STEM activities related to manufacturing, and then analyzed how they could integrate workplace skills into their own classrooms. Response was enthusiastic and, for our educators, transformational. Our team will discuss funding, employer engagement, program activities, and lessons learned as we encourage others to replicate this highly successful program.
Room 109  Broadening Participation for CTE: Results of the Nontraditional Technical Assistance Pilot Program

Kellyn Nolan – Academic Affairs Vice President, Johnson College
Marian McGorry – Business, Computing, and Social Science Dean, Delaware County Community College
Claudia Morrell – Chief Executive Officer, STEM Equity Initiative

The presenters will discuss the challenges for CTE educators, including outdated beliefs about college and career opportunities that remain entrenched among parents/guardians, students, other instructors, counselors, and administrative leadership. Research and practice have demonstrated that writing a new script that highlights CTE’s employment and income opportunities together with CTE careers’ relevance and prestige in serving the world can attract and enroll students with diverse interests and backgrounds. Hear about a diverse group of secondary and postsecondary schools who were able to learn the current research on improving gender equity in nontraditional programs that also broadens the participation of all students. The presenters will offer their innovative ideas on how best to address the unique challenges given our changing culture and remaining biases about CTE.

Room 204  Best Practices for Student Placement in CTE Programs

Joann Hudak – Pennsylvania Pathways Project Director, National Center for College and Career Transitions

The National Center for College and Career Transitions (NC3T), in partnership with the Bureau of Career and Technical Education and the Pennsylvania Association of Career and Technical Administrators, has developed a best practice guide focusing on effective placement of students into career and technical programs. This session will showcase the results of the year-long study. Participants will learn about best practices and best practice sites gleaned from surveys and focus group meetings with CTC directors, counselors, and instructors from across Pennsylvania. Participants will also have an opportunity to engage in group discussions related to the topic.

Room 205  Recruiting Students and Student Leadership: An Update

Daniel McGrath – Business Incubator Coordinator, Susquehanna County Career and Technology Center
Kim Cosklo – Cosmetology Instructor, Susquehanna County Career and Technology Center
Bruce Castelli – Carpentry and Cabinetmaking Instructor, Susquehanna County Career and Technology Center

In 2017-2018, our rural career and technical center presented a new student ambassador program that was launched to strengthen recruiting efforts by connecting our students to students in the sending schools. The goal was to better inform and educate sending school students and families about the opportunities available in CTE. In 2018-2019, the ambassador program, empowered by the school’s leadership to be innovative, has charged ahead with new ideas and hard work to build their school’s enrollment. Today, our students are a critical part of expanding the culture of caring from our school into feeder schools and the community. A focus on underrepresented students is integrated into the messaging in subtle but powerful ways. The school’s leadership, including students, provides their ideas and are shaping the practices to attract, retain, and academically advance a diversity of students in nontraditional programs.
Room 206  Teaching Manufacturing Concepts to High School Students Using Hands-On Simulations

John Wingerter – CTE Engineering Instructor, Erie School District  
Milinda McCorkle – CTE Engineering Instructor, Erie School District  
Anna Marie Andrews – Field Instructor, Indiana University of Pennsylvania

Using hands-on simulations to teach design and manufacturing is an effective tool to convey these concepts to learners. Both technical and non-technical skills can be integrated with the simulations. The use of hands-on simulations can improve student understanding of the interrelationship between design and manufacturing as well as other related activities such as inventory management and production planning. Hands-on simulations for the different manufacturing environments are developed using Lego cars. Students work on the hands-on simulations in groups and their understanding of the manufacturing concepts is assessed through surveys. A different simulation task is allocated to each group member such as supplier, customer, assembler, inspector, and tester. The performance of each student group is evaluated based on the number of Lego cars produced per unit time, number of defects, and total production cost. Data pertaining to student performance and learning outcomes is collected and analyzed to provide recommendations.

Room 207  Everyday Entrepreneurship

Sue Fox – Educational Consultant

Every day, everywhere, we are surrounded by entrepreneurial thinking. Do you recognize it? Do you practice it? Do your students demonstrate it? This session will require you to think like an entrepreneur and actively participate in entrepreneurial activity. You will develop an idea, write a very brief business plan, create a product, and sell it! The discussion will focus on what entrepreneurial thinking is and ideas for you and your students to practice entrepreneurial thinking in the classroom and beyond.

2:00 PM – 3:00 PM  CONCURRENT SESSIONS

Room 104  Continuous Achievement Through Ongoing Collaborative Professional Development

Alice Davis – Executive Director, Susquehanna County Career and Technology Center  
Linda Floyd – Technology Centers That Work Director, Southern Regional Education Board

The Southern Regional Education Board (SREB) has recognized our school for its approach to professional development which encourages instructors and administrators to use data and collaboration in order to determine the developmental needs of the whole faculty as well as the needs of individual instructors. To make this process work, stakeholders review data and use that data to make decisions concerning goals and objectives for the school’s professional development structure. The professional development process involves the cooperative work of instructors, administrators, and an independent consultant to establish a culture of continuous improvement. In this session, attendees will learn how the process was designed, instituted, and financed and how they can replicate our school’s model in their schools.
Creating and Maintaining Postsecondary Opportunities

Jane Fraschilla – Postsecondary Coordinator, Chester County Technical College High School Campuses
Ellen Nutter – Early Childhood Care and Education/Teacher Leadership Academy Instructor, Chester County Technical College High School - Pickering

Given the cost of postsecondary education today and the emphasis in Future Ready PA on Rigorous Courses of Study, it just makes sense to create opportunities for your students to earn college credits while still in high school. In addition to saving time and tuition dollars, research strongly demonstrates that students who earn college credits while in high school are more likely to complete their postsecondary training. In this session, you will learn different ways to earn college credit, models of dual enrollment, how to initiate and maintain postsecondary partnerships, and how to market the opportunities to students and their parents. Attendees will be invited to share their experiences to broaden the discussion.

Yes, They're Ready: The PA Career Ready Skills for Students

Pamela Emery – Educational Consultant, PDE’s Office for Safe Schools
Jean Kelleher – Division Manager, Program Standards and Quality Assurances, PDE’s Bureau of Career and Technical Education

This interactive session will share the Pennsylvania Career Ready Skills Pre-K-12 Continuum and tools that enable educators to integrate them into their daily practices. Participants will have the opportunity to practice some of the strategies in the toolkit. Modeling, teaching, and providing students opportunities to use and practice these skills improves student engagement and achievement and readies them for employment.

Using Augmented Reality Across Curriculum to Promote Career Education

Patrick McLane – Commercial and Advertising Design Instructor, Career Technology Center of Lackawanna County
Paul Georgetti – Digital Communications Instructor, Career Technology Center of Lackawanna County

We will be presenting an augmented Reality (AR) children’s book created by high school students from three of our career and technical education (CTE) programs. The books were designed, produced, and printed in-house. 10,000 copies were distributed to our sending districts to promote CTE. The books are being used by the sending districts as evidence for their Chapter 339 review.

Moving Beyond Data Collection to Sustainable School Improvement

Nicole Zernick – Continuing Education Coordinator, Greater Altoona Career and Technology Center
James Kraft – Executive Director, Berks Career and Technology Center

All schools conduct assessments of their students’ performance, but many do not take full advantage of the data they collect to make informed decisions about school improvement. Assessment data and accountability measures may tell you how your school is performing, but anything more than that and you’re on your own. Learn to use your school’s testing data to chart a course for school improvement and leverage the work you have already completed to earn Middle States accreditation. Learn how the Middle States accreditation process has helped our school achieve greater levels of sustainable school improvement and student achievement.
Room 109  “How Can I Help You?” Out-of-Box Learning Strategies

Darius Kovacina – Paraeducator, Central Westmoreland Career and Technology Center
Darlene Patrick – Paraeducator, Central Westmoreland Career and Technology Center
Eric Westendorf – Assistant Director, Central Westmoreland Career and Technology Center

This session will emphasize the importance of paraeducators assisting instructors in the learning process. Sometimes not all students can learn at the same pace. We will show you and demonstrate the ideas we have developed to make learning fun without accentuating the disability a student may have.

Room 204 Functional and Relational Cubism With Math Literacy

Jessica Calabrese – Mathematics Instructor, Corry Area School District
Michael Soprano – Mathematics Instructor, Corry Area School District
Marty Sugerik – School Improvement Consultant, Southern Regional Education Board

Math literacy involves more than just vocabulary. Being able to translate between multiple representations such as verbal, symbolic, graphic, and pictorial is essential for success in mathematics. However, this type of skill can be applied to any genre because every course taught has a unique set of vocabulary, symbols, graphics, and pictures. This session will model a project that bridges math literacy and content with STEAM processes. The math instructors will share how they designed and implemented a project that connects Cubism and math literacy. Participants will have access to both project-based learning practices and process.

Room 205 How to Reach EVERY Potential Student and Parent to Personalize Their Experience in Making Focused CTE Choices

Lisa Sorensen – Admissions Coordinator, Erie County Technical School

This session will provide proven practices to enlighten students and parents in the early recruiting process. It is possible to guide potential students toward the CTE program they are best suited to and assist them in making focused decisions. Parents and students can be informed, in the early stages of recruiting, about the specifics of curricular rigor and career pathways. Recruiting season can be a focused, personal experience for each potential student. Building strong relationships with sending districts is the key to reaching students and parents. These practices have proven to increase retention and completion rates while focusing on student success.

Room 206 Math + PBL + CTE = Student Achievement

Alexander DiMarzio – Secondary Mathematics Instructor, York County School of Technology
Denise Goshkey – Secondary Mathematics Instructor, York County School of Technology

Are your students bored? Disengaged? Unmotivated? Even worse, unsuccessful? What opportunities have you had as an instructor to collaborate with your peers about leading students to deeper learning and increased student achievement? Join two veteran math instructors who transformed their remedial algebra class using a project-based learning curriculum that included CTE instructors who provided expertise and support aligned to their program of study. Participants will leave with a variety of forms, rubrics, and processes that resulted in improvements in students’ mathematical understanding.
Room 207  Career Pathways – Not Just About Checking Boxes

Michael Carnes – High School Principal, Middletown Area School District

This session will show how Middletown Area School District (MASD) has built and maintained a career pathways culture since 2003. Long before the changes to ESSA and the Future Ready PA Index, MASD believed that all students should graduate with a plan beyond high school. This session will show the interventions and their impact as the district built a culture where every student graduates with a career plan. Additionally, since the inception of the high school’s pathways shift, the elementary and middle school levels expanded the plan to make it a district-wide culture. This shift was very important in helping to guide our students in their first fork in the road as they choose to attend Dauphin County Technical School (a comprehensive technical school) or Middletown Area High School upon completion of eighth grade. This can be a difficult decision for an eighth grade student to make and we aim to help students make informed career decisions. While some interventions at MAHS are graduation requirements, others are optional to help students grow to learn and make plans for life beyond high school. While this culture has allowed MASD to meet the requirements of ESSA, it has done so much more. Components of the career plan and other various interventions will be shared.

3:15 PM – 4:15 PM  CONCURRENT SESSIONS

Room 104  Safety Training for America’s Future: CareerSafe PDE-Approved Online Safety Credentialing

Michael DelPriore – Principal/Director, Lancaster County Career and Technology Center - Willow Street
Laura DelVecchio – Assistant Administrative Director, Beaver County Career and Technology Center
Sharyn Fisher – Education Outreach Specialist, CareerSafe Online
Robin Cronbaugh – Success Strategist, CareerSafe Online

CareerSafe’s online Student Safety Trainings are tailored to help your students succeed in all aspects of their future careers. Whether a student lacks information on obtaining a job, faces physical safety hazards in the classroom/workplace, or is navigating the risks associated with online activity, we have the solution! Join this presentation to learn more about our current online courses with an emphasis on our new OSHA 10-Hour Credential which is a PDE Industry-Recognized Credential for Career and Technical Education Programs as well as the course NexGen face-lift.
Room 105  Collaborating Across Institutions: From CTC to Bachelor Degree Via the Community College

Robin Eckert – Social Sciences, Human Services, Communication, Arts and Humanities Associate Dean, Reading Area Community College
Jodi Corbett – Academic Partnerships Director and Special Assistant to the President, Reading Area Community College
Nancy Jackson – Associate Professor and Early Childhood Education Program Coordinator, Reading Area Community College

Partnership, collaboration, and commitment is the key to create career pathways for students. Transformational partnerships built on mutual respect are creating affordable and accessible pathways from early college credit to bachelor degrees. This session will share how faculty and administrators from three schools built the Teacher Academy – an associate degree pathway to technical fields. The Teacher Academy extends the career and technology center Early Childhood SOAR agreement into an Early College program offering up to 24 college credits and creates a seamless transition to the community college’s Associate of Applied Science degree in Early Childhood teaching. Two institutions partnered to offer the Bachelor of Education with Pre-K through fourth grade teacher certification. The Teacher Academy leverages public education resources by enhancing the statewide articulation agreements, with all three institutions dedicated to providing a pipeline of highly qualified instructors to fill the workforce needs facing many schools.

Room 106  Abounding Artifacts

Beth Butala – Career Education Counselor, Central Westmoreland Career and Technology Center

Artifacts...artifacts...artifacts...the new buzz word for schools. With the Career Education and Work Standards in full force and schools being evaluated on the Future Ready PA Index, school districts are scrambling to understand and collect artifacts. How do we archive them? Who is supposed to do them? What should we do with the information? As a career education counselor at a career and technology center (CTC) working with 10 school districts, there are a variety of ways these artifacts can be maintained. The presenter will discuss the different options as well as give example of artifacts that are being used. Information on how the CTC will be able to help school districts will be included. Please bring your ideas to help us all move forward with artifact collection. This session will be repeated on Friday at 8:45 AM.

Room 107  Creating Innovative Quizzes for Student-Specific Results

Jamie Buczak – Instructional Coach, Career Institute of Technology
Adrianne Jones – Executive Director, Career Institute of Technology

We will demonstrate how our school uses TryInteract.com to create “personality” quizzes that analyze answers and provide students with individualized results for things like new student tours, scholarships, career interest surveys, and classroom assessments. The tool allows schools and teachers to virtually point students in the right direction based on custom surveys with responses that are tailored to a student’s specific needs and interests. They have successfully been used to market programs to prospective students, help students narrow down their career path, and to give seniors tailored results that showed them exactly which scholarships they were eligible for.
Room 108  Questioning, Scaffolding, and Discussion in the Classroom: The Re-Invention of a Teacher in Denial

David Yohn – English Instructor, York County School of Technology

What happens when a teacher with 15 years of experience finds himself in a new school in which none of his “tried and true” procedures and activities work with his new students? In this case, he progresses through the five stages of grief to achieve a personal revelation about his role as a teacher, his values as an educator, and his purpose in the classroom. Please join me to find out when old dogs actually do learn new tricks and why the York County School of Technology saved my professional life.

Room 109  “That’s the Wrong Wrench, Sweetheart” – Speed Up Your Nontraditional Inclusion With Tips That Work!

Jennifer Sassaman – Academic Remediation Specialist, Chester County Technical College High School - Pennock’s Bridge
Daniel McCabe – Automotive Service Technology Instructor, Chester County Technical College High School - Pennock’s Bridge

We can’t control what families or cultures say or do, but we can alter our own language to promote positive nontraditional visuals, and perhaps make larger systemic changes, such as requesting more locker space or hosting Womens’ Auto Clinics. We have the game plans to share! If you teach a male-dominated field, this presentation is especially tailored for you. The presenters won’t give away prizes like Oprah does, but they will make you feel like you won with all the nontraditional bling you can take home with you!

Room 204  Helping Experienced Technicians Become High-Quality Professional Educators

Alice Davis – Executive Director, Susquehanna County Career and Technology Center
Linda Floyd – Technology Centers That Work Director, Southern Region Education Board
Daniel Perna – Owner/President, James Daniel and Associates, LLC

Career and technical education (CTE) is a hot topic. Business leaders, politicians, and the media proclaim the need for more highly-skilled workers. However, technology centers still face the stigma that CTE is for non-college bound students. We believe that when a technology center’s faculty are professionally developed to demonstrate highly effective teaching techniques, the negative perceptions of CTE can be removed. Through several years of experience, the three presenters have learned that CTE instructors can develop concepts that place them in the “expert” instructor ranks. The presenters have noted that when CTE instructors can master the language and the skills of present-day instructional methods, the traditional college-prepared instructor accepts the CTE instructor as a professional educator who must be at the table when aligning academic and technical curriculum. Drawing on their many years of experience providing professional development, the presenters will offer attendees the opportunity to see how a technician who wants to teach can move from expert technologist to highly-effective professional educator.
Room 205  **Project Management Skills for Life: Classroom Initiative**

Denise Magasich – CTE Marketing Instructor/DECA Advisor, School District of Philadelphia  
Tammy Cyrus – Professional Development Director, MBA Research and Curriculum Center

Project management is a life, a learning, and a professional skill for students, regardless of ability or age as well as a valuable tool for both instructors and administrators tasked with managing classroom or district-wide projects. In 2018, Project Management Institute Educational Foundation partnered with research to develop training modules to help instructors bring project management into the classroom. These training modules provide instructors the opportunity to utilize tools and resources currently used in the workplace as well as help bring structure to constructive chaos within the classroom. These resources are available at no cost to instructors and other educators. Learn more about the benefits of bringing project management into schools as well as the tools and resources to aid in this process. Get started in bringing this valuable 21st century skill into your school today. See what project management looks like in the classroom.

Room 206  **Curriculum Arcade: Introducing Game Methodologies Into the Classroom**

Sherry Appleton – Medical and Health Professions Instructor, Middle Bucks Institute of Technology  
JoAnn McLaughlin – Cosmetology Instructor, Middle Bucks Institute of Technology

Game-Based Learning (GBL) is the future of education. It can be defined as lessons which are competitive and interactive and allow the learner to have fun while gaining knowledge. It has been shown that 79 percent of students agree that their motivation and productivity would improve if learning environments were similar to games. The best game-based learning has three main elements – competition, engagement, and immediate feedback. This is vital to keep the learner invested and coming back for more. GBL is also more transferable to real-world scenarios by making students collaborate, communicate, interact, and work in teams. Career and technical education instructors are preparing students for workforce readiness, so gaming in the classroom sets the framework for real-world applications as students work together to achieve goals and solve problems. This presentation will identify games that can be adapted to any curriculum area. Participants will hear how to incorporate games into any subject matter and how to align learning objectives with the dynamics of the gaming process.

Room 207  **Career Pathways as a Foundation for Progress**

Michael Carnes – High School Principal, Middletown Area School District  
Jeffrey Groshek – Superintendent, Central Columbia School District  
Alan Hack – Superintendent, Warrior Run School District  
John Kurelja – Assistant Executive Director, Central Susquehanna Intermediate Unit 16

This panel of school administrators will highlight how three different school districts have utilized career pathways and/or career development as a systemic change agent. Learn from these administrators, whose districts are in various stages of career pathway implementation, as they share their best practices, programs strengths, and obstacles they have overcome.

Dinner On Your Own
7:15 AM – 8:30 AM  BREAKFAST

Presidents Hall  Chef’s Pancake Breakfast Buffet

8:45 AM – 9:45 AM  CONCURRENT SESSIONS

Room 104  Empowering Student Leaders: The Impact of a Student-Led Ambassador Program

Christine Noll – Vocational Transition Counselor, Dauphin County Technical School

Choosing to attend a career and technical school is an important decision for young students. Potential students need to be educated on the benefits of attending. Current career and technical education high school students are a powerful voice when attempting to inspire younger students to consider attending a career and technical high school. The student ambassador team leads in the vital effort to reach out to younger students and provide awareness of what an education in a career and technical school engenders and the positive impact the career-related experience will provide. Participants in this session will learn how to establish and maintain a successful student ambassador program, teach the ambassadors necessary leadership and public speaking skills, and discover strategies and activities that ambassadors employ in order to engage elementary and middle-school aged youth.

Room 106  Motivating the “Unmotivated” Student

Beverly Ford – Author and President of ASM Associates

Every student is motivated. They are bringing motivation with them. In this practical interactive workshop, you will learn how to identify both the positive and negative motivations students have that can promote education and training. Learn how to transform students’ complaints about their present lives into goals for the future. Develop the skills you need to help them use their motivators to manage the changes they face.

Room 107  Using Augmented Reality Across Curriculum to Promote Career Education

Patrick McLane – Commercial and Advertising Design Instructor, Career Technology Center of Lackawanna County
Paul Georgetti – Digital Communications Instructor, Career Technology Center of Lackawanna County

We will be presenting an augmented Reality (AR) children’s book created by high school students from three of our career and technical education (CTE) programs. The books were designed, produced, and printed in-house. 10,000 copies were distributed to our sending districts to promote CTE. The books are being used by the sending districts as evidence for their Chapter 339 review.

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Beth Butala – Career Education Counselor, Central Westmoreland Career and Technology Center

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and technology center (CTC) working with 10 school districts, there are a variety of ways these artifacts can be maintained. The presenter will discuss the different options as well as give example of artifacts that are being used. Information on how the CTC will be able to help school districts will be included. Please bring your ideas to help us all move forward with artifact collection.

Room 207  The Power of Placing Teachers in the Workplace

Bernadette Boerckel – Community Outreach Director, Central Susquehanna Intermediate Unit 16
Alexa Hahn – Youth Programs Manager, Central Pennsylvania Workforce Development Corporation
Christina Herman – Career Ready Specialist, Central Susquehanna Intermediate Unit 16
Alice Justice – Career Development Consultant

This presentation will highlight the many benefits that are gained through effective Teacher in the Workplace initiatives. We will provide an overview of three different implementation plans and share the invaluable results we saw from staff participation. The presentation will also provide strategies for implementation that will promote integration practices resulting in teachers regularly communicating to their students the value of career and technical education and the importance of career decision-making that is focused and informed.

10:00 AM – 11:00 AM  GENERAL SESSION

Presidents Hall  CLOSING REMARKS

Lee Burket – Director, Bureau of Career and Technical Education
Pennsylvania Department of Education

CLOSING SPEAKER

The Power of Partnership

Beverly Ford – Author and President, ASM Associates

Too often, you may find yourself solving problems and finding resources for students and then becoming frustrated when they become dependent on you. This fun-filled, interactive session will give you practical strategies for shifting your helping approaches to ones that empower students to partner with you to manage the challenges they face in achieving positive educational outcomes. You and your students can be partners in their success.

ANNOUNCEMENTS

CONFERENCE EVALUATION • PRIZES • ADJOURNMENT

Prizes include a one night stay at the Penn Stater Conference Center Hotel and resource materials from exhibitors. YOU MUST BE PRESENT TO WIN.