

24th Annual

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



**Pennsylvania Department of Education
Bureau of Career and Technical Education**

8:00 AM – 5:00 PM **REGISTRATION**

9:00 AM – 12:00 PM **PRECONFERENCE WORKSHOPS**

Room 207 Find Your Arena!

Bob Upgren – President, Cross Training, Inc.

In today's culture, it is becoming increasingly difficult for young people to understand their path in life. The escalating cost of college, combined with a revolving line-up of career categories, has left young people confused and frustrated. This powerful session teaches a new paradigm in education which inspires students of all abilities to discover their life purpose. Using a revolutionary online tool, participants will learn five paradigm shifts that can "change the game" for educators desiring to help students discover their purpose. Participants will receive a free code to test drive the tool at the conclusion of this session.

Room 206 Engaging All Stakeholder Groups to Build and Sustain Your K-12 School Counseling Program

Michael Thompson – Independent Career Development Counselor

Betty Holmboe – Independent Career Development Counselor

North Allegheny School District: Rhonda Bielawski, High School Counselor; Diane Feliciani, Intermediate High School Counselor; Shannon Conner, Marshall Middle School Counselor; Erica Zinsser, Franklin Elementary School Counselor; Bryan Kiggins, Department Chair and Intermediate High School Counselor

Albert Gallatin School District: Scott Nemeth, College and Career Transition Coordinator; Kimberly Hellen, Middle School Counselor; Keli DeCarlo, Elementary School Counselor; Beth Hutson, Assistant Superintendent

Avon Grove School District: Duane Carroll, Post-secondary Counselor; Elaine Markowitz, High School Counselor; Jennifer Lubins, High School Counselor; Margaret Sharp, Assistant Superintendent

School districts have been developing K-12 counseling plans through the Chapter 339 mandate since 2011. A key sustainability component of these plans is the development of a district-wide Advisory Council to engage stakeholder groups and assist in the career development program. This Council provides direction and support to the counseling program and K-12 career development for all students. Several districts will be featured to highlight successes and solutions that they have developed to enhance and sustain their programs. The impact of these Councils on the community and the school district as a whole will be discussed.

Room 107 Using Technology in Today's Classroom

Kelly Homick – Instructor, Central Montgomery County Technical School

Effective technology integration is achieved when the use of technology is routine and transparent and when technology supports curricular goals. This must happen across the curriculum in ways that research shows deepens and enhances the learning process. When technology is effectively integrated into subject areas, teachers grow into roles of adviser, content expert, and coach. This session will be a hands-on session introducing a variety of tools using Google Apps and other sources of technology that can be used within the classroom. Participants will leave with a foundation to create rich, collaborative environments that support learning communities.

10:00 AM – 5:00 PM

COMMERCIAL, EDUCATIONAL AND STUDENT EXHIBITS

**Lobby Area
Courtyard Lounge
Refreshment Area**

Visit our exhibitors. Resources, catalogs and other educational materials related to the integration of academic, and 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

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

KEYNOTE SPEAKER

Becoming a Level 5 Educator



Bob Uppgren – President, Cross Training, Inc.

The educational landscape has shifted beneath the feet of educators worldwide. Gone are the days of simply being hired to teach a core subject. As an educator, you are now being called to lead. Effective leadership is more than simply holding a job. In fact, being chosen for a specific teaching or administrative position is only the first of the five levels every effective educator achieves. To truly lead the next generation, one must master the ability to invest in the lives of others, ultimately becoming an indispensable resource in their life. Through humor, in-depth insight and real-life examples, Bob describes each stage of what he coins a Level 5 Educator. He teaches how to master each level, rising up to the next level in order to become more influential, respected and successful as a teacher, administrator, coach and leader.

2:45 AM – 3:45 PM **CONCURRENT SESSIONS****Room 104 Leadership Initiatives and Instructional Strategies Impact Student Achievement**

Adrienne Jones – Career and Technical Education Supervisor, Career Institute of Technology

Jamie Buczak – Instructional Support Instructor, Career Institute of Technology

Michael Curley – Career and Technical Distinguished School Leader, PDE's Technical Assistance Program

This session will highlight how innovative teaching strategies and school-wide initiatives were introduced and adopted by instructors to improve overall instruction and achievement. Student engagement has improved school-wide by utilizing an instructional coach, integrating technology and providing staff training with an engaging and hands-on approach. The presenters will share model lessons and resources and talk about their journey to create an engaging classroom.

Room 105 Pennsylvania's SOARing Programs of Study

David Garnes – Career and Technical Education Advisor, PDE's Bureau of Career and Technical Education

Delmar Hart – Programs of Study and Professional Development Coordinator, PDE's Bureau of Career and Technical Education

Melodee Williams – Career Awareness Specialist, A. Phillip Randolph Career and Technical High School

This session will provide updates of the Pennsylvania Department of Education's (PDE) Bureau of Career and Technical Education's Students Occupationally and Academically Ready Programs of Study Initiative. The PDE website will be utilized to highlight Programs of Study names and phases, task grids and revision schedules. Instructors and administrators will learn valuable information concerning the Crosswalks to Academics links that have recently been added to the PDE website which align Pennsylvania Core Standards to competencies in the Programs of Study task grids. The Crosswalks are especially useful in the integration of academics into instruction, in designing lesson plans and in meeting requirements of 339 reviews regarding standards.

Room 106 Going Beyond the Requirements – Using Your 339 Review for Program Improvement

Jean Kelleher – Division Manager, Program Standards and Quality Assurances, PDE's Bureau of Career and Technical Education

Lois Barnes – School Improvement Consultant, Southern Regional Education Board

Richard Steinmeier – Career and Technical Education Advisor, PDE's Bureau of Career and Technical Education

Randy Zangara – Career and Technical Education Director, Williamsport Area High School

The 339 visits are rarely sought after. Why? Because of the unknowns of what the evaluation may uncover about a school's programs. Schools should refocus their perspective and value the 339 as a positive tool that develops a roadmap for CTE program success. In this session participants will learn about the Williamsport Experience, see how to turn 52 corrections from an Approved Evaluation into a positive experience.

Room 107 iBooks Textbooks for iPad – The Next Chapter in Learning

Dave Marra – Senior Systems Engineer, Apple Inc.
Wendy Chalmers – Special Education Resource Specialist, SUN Area Technical Institute

Discover how iPad is changing the learning landscape with iBooks Textbooks for iPad, iBooks Author and iTunes U. First, with iBooks on iPad, experience an entirely new kind of digital textbook that is dynamic, current, engrossing and truly interactive. Next, explore iBooks Author, a free app to create and publish amazing Multi-Touch textbooks for iPad. Finally, learn about iTunes U, to design and distribute complete courses for iPad, featuring audio, video, books and other educational content.

Room 108 Monday Meetings – Enhancing the New Teacher Induction

Daniel Potutschnig – Administrative Director, Mifflin County Academy of Science and Technology
John Bilich – Assistant Director, Mifflin County Academy of Science and Technology
Jon Aumiller – Collision Repair Instructor, Mifflin County Academy of Science and Technology

Hiring new employees takes a great deal of time, energy and resources; and yet, once a hire is made, we neglect to give new instructors the one thing they desire the most: administrative support. Most schools might have a new teacher induction that lasts a few days and then each new instructor is assigned a mentor instructor to answer all of their important questions and to help them be successful in the classroom. Enter Monday Meetings. We took the new teacher induction process and enhanced it. In order to help new instructors be better informed of policies, procedures and tools available to help them be successful, we looked at the excellent work other schools are doing and decided to take it a step further. Administrators meet weekly with new instructors to cover topics ranging from school policies and procedures, teaching strategies, classroom management strategies, NOCTI, teacher evaluations, PDE Framework for Teaching examples, student discipline and 21st century skills – just to name a few. Administrators provide ongoing support and guidance to supplement the support new instructors already get from their mentor instructor.

Room 109 Special Education – Challenges and Solutions

Bernie Miller – Education Services Director, Pennsylvania State Education Association

This presentation will recognize that special education is hard work and since 2008 educators are challenged to deliver FAPE. The presentation will identify issues and share information that can clarify and/or problem solve around these challenges. Multiple topics will be addressed from a statewide and local perspective.

Room 204 March2Success: Free Online High School and College Readiness Tutoring Program

Mark Mazarella – Education Services Specialist, U.S. Army

Developed by Peterson's and College Options Foundation, March2Success is an Army-sponsored, free, online interactive tutoring program to help high school students and adult learners improve proficiency in high school and college-level math, science and English, and to prepare for standardized tests including the Keystone Exams,

PSAT, SAT, ACT and allied health professions entrance exams. March2Success is not only for students – educators, coaches and parents can create their own accounts and monitor students' progress. This session will demonstrate the comprehensive content of the March2Success website, including the newly-released STEM hub.

Room 205 Let's Get Real

Michelle Shirey – School Counselor, Cocalico Middle School

Making connections between daily curriculum and “The Real World” is a challenge all educators face each and every day. Couple this with students that lack career goals, have high-risk academic factors and lack knowledge about the opportunities that are available and the challenge deepens. If we start with the two factors we can impact – helping students develop career goals and educating students about the opportunities that exist in Pennsylvania – it is possible to move high-risk academic factors to the background. Creating a Career Site Visit Day in which each seventh grade student and staff member visit a career site that pairs with the student's interest area and the staff member's curricular area, we can begin the process of developing real career goals. Through collaboration with local businesses, colleges and trade schools, students and staff begin the process of making real connections to curriculum and the world beyond the classroom. Students quickly become aware that education beyond high school is very possible for all. Let's Get Real is a presentation that will show you step-by-step how to develop career site visits for your school and community. Relationship development is the key component in this practical, educational endeavor that aligns with the PA Career Education and Work Standards.

Room 206 Enhancing Projects to Mirror Authentic Problem-Solving in the Workforce

Marty Sugerik – School Improvement Consultant, Southern Regional Education Board

There are many forms of projects and activities in life and, more specifically, in the field of education. This session will focus on designing projects that mirror authentic problem-solving in the workforce. This design process requires the connection of technical and academic standards and employability skills with behavioral traits to replicate workforce simulations. Participants will learn a framework for designing and implementing a sequence of authentic projects coupled with daily instructional strategies that support a project-based classroom.

Room 207 High School: Not Just For Diplomas Anymore!

Michael Carnes – Principal, Middletown Area High School
Michele Myers – Career Coordinator, Middletown Area High School
Dana McClafferty – English Instructor, Middletown Area High School

Every student, beginning in the ninth grade, participates in various career development activities to gain insight and awareness into his/her own interests and abilities related to the world of work. Each student documents required activities on an annual basis as updates are made to the portfolio culminating with a final career action presentation during the senior year. The career action plan is a document produced by the student as a summary of all previous activities throughout high school combined with a plan for future postsecondary activities. There will be time for questions and answers.

4:00 PM – 5:00 PM **CONCURRENT SESSIONS****Room 104 Are They Still Breathing? Taking Your Students' Educational Vital Signs**

MaryAnn Volders – Assistant Director, Central Pennsylvania Institute of Science and Technology

Kenneth Hassinger – HVAC/Plumbing Instructor, Central Pennsylvania Institute of Science and Technology

Beth Rhymestine – Instructor/Field Resource Person, Penn State University

Instructors have many tasks and responsibilities and, to a degree, the new evaluation model has changed the priority list. Students, too, have tasks and responsibilities within the educational process. There can sometimes be confusion and competition between tasks that both groups need to complete. Is it any wonder that students sometimes become disengaged... and instructors too? This presentation will demonstrate how you can begin getting this in tune with your students and check their educational pulse regularly. This is important, not only to their learning and well being, but also to your evaluation and performance as an instructor! The presenters will address a way to interact that can alleviate stress and will show how to produce a positive climate while seeking to accomplish all that needs to be done during the school year.

Room 105 Project-Based Learning in All CTC Classrooms

George Karnbauer – Computer Networking Instructor, Forbes Road Career and Technology Center

Eric Pino – Multimedia Instructor, Forbes Road Career and Technology Center

Sue Ann Stewart – Cosmetology Instructor, Forbes Road Career and Technology Center

The structure of the CTC classroom lends itself perfectly with the idea of Project-Based Learning (PBL). Since many projects require the integration of STEM topics, it also allows for easy integration into these projects as well. This presentation will look at PBL in three specific CTC classrooms, computer networking and security (CNS), multimedia design and cosmetology. In the CNS program, students work on real-world Total Cost of Ownership projects. In the cosmetology program, students design their own cosmetology shop. In the multimedia program students create animated commercials for local businesses. These are just a few examples of projects that will be presented along with a list of PBL taking place in other CTC classrooms throughout the school.

Room 106 Career Exploration and Job Search Tools

James Martini – Economist, Pennsylvania Center for Workforce Information and Analysis

This presentation will demonstrate the web-based career exploration and job search tools hosted by the Pennsylvania Department of Labor and Industry. These include JobGateway and the Pennsylvania Career Guides. All of these resources incorporate the use of data to explore career options and to conduct informed job searches. Learn how these resources can help your students in a variety of ways.

Room 107 Brave New World Meets Brave New Reality: Social Media as a Method for Literacy

Jason Hilton – Secondary Education Professor, Slippery Rock University
Joseph Canciello – English Instructor, Union Area School District
Michael Ross – Superintendent, Union Area School District

Complex texts, such as Brave New World, provide excellent opportunities for forward thinking educators to integrate current social media applications and multimodal ways of learning into their classrooms. Not only is the use of these applications quickly mastered by young learners, but these digital applications support students in better analyzing and portraying challenging themes and key ideas while improving their understanding of the author's message. This presentation highlights the use of Vine, a popular social media application, as a tool for multimodal literary analysis in three 11th grade English classrooms. Results of the study show growth in students' capacity to analyze and synthesize complex texts as well as increased levels of student interest and engagement. Participants will be involved in a question-and-answer session designed to help others incorporate these practices into their own lessons.

Room 108 Teacher Evaluation – What's New and Exciting?

Mary Rodman – Career and Technical Distinguished School Leader, PDE's Technical Assistance Program

Act 82 of 2012 went into effect during the 2013-2014 school year. Two years after the initial implementation of Act 82, has anything changed? What are some of the positive outcomes of Teacher Effectiveness and Principal Effectiveness? This presentation will focus on the promising practices that have been implemented as a result of Act 82 that relate to teacher performance, administrator performance, and changes in school routines.

Room 109 Career and Technology Centers and School Districts – A Team Approach

Suzanne Kuban – Special Populations Coordinator, Forbes Road Career and Technology Center
Ruth Liebold – Learning Facilitator, Steel Center for Career and Technical Education

A team approach will be shared to help students with special needs move toward successful employment and postsecondary training. A review of the requirements for Indicator 13/STCI (Secondary Transition Continuous Improvement Initiative) and Pennsylvania Code, Title 22, Chapter 339 will show the relationship between these two documents. A model for districts and career and technology center teams to consider will be presented with examples of documentation needed to keep teams on track within required regulations.

Room 204 Youth in Business

Timothy Kantor – Principal, Ligonier Valley School District
Emily Tatsch – Business Education Instructor, Ligonier Valley School District
Thomas Kantor – Primary Operations Manager, Carpenter Latrobe Specialty Steel

Ligonier Valley School District, in partnership with a local manufacturer, offers a unique educational opportunity to students. This program is for students who have an interest in pursuing a profession in the business community and provides an opportunity to

experience what it is like to work in a business-manufacturing environment. Through time spent in the classroom, and at Carpenter Latrobe Specialty Steel, content is co-taught by the Ligonier High School Business Education instructor and supervisors of Latrobe Steel. Areas of concentration include career readiness, accounting, customer service, human resources, sales, supply chain and the manufacturing process. The course concludes with student teams presenting business proposals to Latrobe Steel managers who award scholarships for proposals of excellence.

Room 205 Community Day – Promoting Your School

Brian Hughes – Assistant Principal, Chester County Technical College High School - Pennock's Bridge

Rachel Broadway – Administrative Assistant, Chester County Technical College High School - Pennock's Bridge

In 2015, our school hosted its first ever 5K Tech Run, Community Day and Health Fair in order to promote the school among the districts it serves, inform our communities of health-related resources, raise money for our guidance scholarship fund and have fun. Preparation leading up to Community Day involved reaching out to organizational, business and industry and community resources. During the day of the event, the National Guard, Army and Young Marines were represented, along with health-related industries from the county, and various businesses and industries related directly to our career and technical programs. By the end of the day, 1,000 people visited our school and we raised nearly \$15,000 for our Guidance Scholarship Fund. Come and hear what worked for us and how it could work for you.

Room 206 Pennsylvania, NOCTI and BIG Data

Todd Luke – Vice President, MAX Teaching

This presentation will demonstrate a new best practice that will identify schools who achieve high class averages for individual competencies on the NOCTI exam. By using the competency link reports within the NOCTI standard reports, it can be determined through data analysis which sites have class averages above 80 percent for each competency. If schools desire, they can work together to help each other within their county, region or the entire state of Pennsylvania. The more schools that participate within this program, the more opportunity to locate specific curriculum and instruction that will help all CTE students improve.

Room 207 Connecting the Dots – CTC and School District Alliances

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

Collaboration! Collaboration! Collaboration! The ability to work well with others is important in every aspect of education and our ability to work with each of our 10 sending school districts is a must. As K-12 guidance plans have been recently written, connecting the dots between various grade levels and the technology center has become an integral piece of our system. Our career education counselor along with district counselors have developed many positive programs that have attained this goal within the last four years. This session will highlight the best practices of some of our districts and the technology center in promoting career education at all levels.

6:00 PM – 8:00 PM **DINNER**

Presidents Hall PRESIDING

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

DINNER SPEAKER

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



In order to meet the challenges of our 21st century economy which demands a workforce that can constantly adapt and learn new skills, it is imperative that students have strong communication, critical thinking, collaboration and creative skills. Our schools can ensure that students are able to meet these challenges by having educational experiences that include project based learning, integration of academic and technical skills and comprehensive career development plans which prepare them for college-level studies and successful careers. This foundation will allow them to succeed personally and also make a valuable contribution to an innovative and competitive Pennsylvania economy.

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

9:00 AM – 10:00 AM **CONCURRENT SESSIONS**

Room 104 Instructional Leadership

Kurt Lynch – Director, Schuylkill Technology Center
Stacey Minahan – Assistant Principal, Schuylkill Technology Center
John Jeffrey Sweda – Assistant Principal, Schuylkill Technology Center

This presentation will focus on ways administrators can become instructional leaders to ensure instructor success in the classroom. We will discuss ways to provide resources and professional development that will create a positive educational atmosphere. We will discuss our success with SLOs, learning guides and assessments.

Room 105 No More Macbeth, No More Beowulf...English 12 With a Twist

Marc Abels – Assistant Principal, Hanover High School
C. Michelle Anderson – Principal, Eastern Technical High School, Baltimore County Public Schools
Sarah Koveleski – School Counselor, York County School of Technology

The presenters will share how York County School of Technology has implemented a new Contemporary and Multi-Cultural English 12 curriculum. This curriculum uses a variety of eclectic sources to help improve the critical and analytical thinking skills of our students, while putting an emphasis on non-fiction, soft skills and employability. This course was developed to entice students to learn by utilizing topics and literature from the past 20 years which include titles such as *Blink*, *The Tipping Point*, *Freakonomics*, etc. Come and see how we are engaging and stimulating students in the classrooms.

Room 106 Dining in the White House in the Classroom

Brian Williams – Executive Director, Bethlehem Area Vocational-Technical School
Michael Galler – Career and Technical Education Supervisor, Bethlehem Area Vocational-Technical School
Linda Moyer – Retired Literacy Coach, Bethlehem Area Vocational-Technical School
Susan McCaughin – Culinary Arts/Event Planning Instructor, Bethlehem Area Vocational-Technical School
Connie Muschko – Cooperative Education Coordinator, Bethlehem Area Vocational-Technical School

Chef John Moeller tells his personal story of starting as a culinary arts student in Lancaster to a job as the White House Chef in the book, *Dining at the White House*. John's personal story is inspiring and filled with examples of how a love for cooking led

him to the White House. An example of how his story can be used in the classroom as a book will be highlighted. New technology that uses augmented reality to make his story/recipes come alive will be demonstrated. Instructors at Bethlehem AVTS were able to connect with Chef Moeller and, with his assistance, put on a State Dinner using recipes found in the book. This presentation will detail the literacy strategies used, the technology used to make the recipes come alive, a video showing students working with the chef to produce the dinner and event, and a discussion on how to successfully implement a book read as a dramatic literacy strategy and project.

Room 107 Competency Based Education Online in the 21st Century

Todd Wolford – Drafting and Design Technologies Instructor, Fulton County Area Vocational-Technical School

Crystal Glee – Computer Networking Technologies Instructor, Fulton County Area Vocational-Technical School

At the 2014 conference, a presenter demonstrated how he had taken his complete program online with a free website. Some inspired, cautious investigation led to the creation of my online program which opened a multitude of options for a problem class. Realizing that this could work with all classes, it took off from there. Now, students are not limited to doing their schoolwork only in the classroom. This access, along with an interactive syllabus, will allow students to work ahead and to redo work at their convenience. The applicable use of Google Docs to create online quizzes, documents, evaluations and surveys will also be shared. Come and hear how you can take your competency-based program online to meet the needs of technology as a 21st century skill. (This session will be repeated on Friday morning.)

Room 108 The One-on-One Meeting Coaching Model

Kurt Adam – Career Academy Program Principal/CTE Supervisor, Lehigh Career and Technical Institute

The One-on-One Meeting is a weekly 30-minute meeting designed by ManagerTools.com. The meeting is designed to be a positive transfer of information between supervisor and staff member. Through a detailed goal and a time-specific coaching plan, this has evolved into a tool to provide coaching assistance on a weekly basis which comprises ten minutes for the staff member, 10 minutes for the supervisor and then 10 minutes of reflection and discussion. The One-on-One Meeting is a non-threatening, positive tool to be used in conjunction with a coaching plan.

Room 109 Partners-at-Work

Kyle Follweiler – Student Services Coordinator, Berks Career and Technology Center - West

Philip Harris – School-to-Work Coordinator, Berks Career and Technology Center - East

Lynn Zale – Bureau of Central Operations Vocational Rehabilitation Specialist, Office of Vocational Rehabilitation

The Berks County Work Partners initiative brings together the Pennsylvania Office of Vocational Rehabilitation (OVR), the Berks Career and Technology Center (BCTC) and other community agencies to provide School-to-Work transition services to OVR-eligible youth who are enrolled in BCTC's Service Occupations program. Work Partners' unique blended funding structure has enabled the hiring of a School-to-Work Coordinator and a

Job Coach. In order to optimally meet student needs and insure employment success, Work Partners staff collaborates with local waiver providers, benefits counselors, county Mental Health/Intellectual Disability programs, independent living providers, transportation providers, support employment providers and other support programs. Come hear about this new exciting venture and the promises this endeavor has for a population of career and technology students who are able to fill the employment readiness void that existing CTC programs currently do not address.

Room 204 Getting Serious About Soft Skills

Dennis Wilke – President, Rosedale Technical College

Soft skills have been a hot topic in career and technical education for so long that we may have developed kind of an inertia towards the topic. This session will re-engage the topic of teaching soft skills by discussing a new objective way to put the issue into tangible terms to drive student improvement. Based on employer and instructor feedback, this approach has been implemented at our school over the past year with successful results. Join in a discussion about a comprehensive education that integrates soft skills with technical training to better serve our students and their employers.

Room 205 Mental Health, Emotional Support and CTE – A Service Delivery Model for Student Success

Danielle Schoeninger – Human Resources Assistant Director, Chester County Intermediate Unit 24

Seth Schram – Principal, Chester County Technical College High School - Brandywine

Michelle MacLuckie – Special Education Supervisor, Chester County Intermediate Unit 24

Do you know students who are academically capable but exhibit a high need for emotional support and mental health counseling? This student profile is becoming increasingly familiar, and increasingly frustrating for students, parents, instructors and administrators. The technical high school and intermediate unit have developed a model to deliver support services for students with these needs which places the students on the road to success. Join us to learn how this model helps students turn their lives around and attain success in their career and technical education programs and beyond.

Room 206 Using a Competency-Based Model to Build an Academic Curriculum

Richard Rava – Principal, West Side Career and Technology Center

Daniel Natitus – Curriculum Designer, West Side Career and Technology Center

Stephanie Newell – English Instructor, West Side Career and Technology Center

Lauren Shovlin – English Language Arts Instructor, West Side Career and Technology Center

Daniel Perna – Owner/President, James Daniel and Associates, LLC

In an attempt to increase student scores on the Keystone Exam, our English department has devised an English task list that models the task lists found in all career and technical programs. The task list defines specific skills and activities that students must achieve in English classes. All instructors in the English department are expected to show students the English task list and assess the required tasks. By focusing on

the specific tasks, instructors believe that they are assessing all skills necessary for achievement on the Keystone Exam. This presentation will outline why this model was defined and how the model was developed from start to finish.

Room 207 Creating and Sustaining the Guidance Advisory Council

Kelly Dewees – Educational Services Coordinator, Gettysburg Area School District
Anna Palmer – School Counselor, Gettysburg Area High School
Maureen Malone – School Counselor, Lincoln Elementary School

An Advisory Council composed of the five stakeholder groups is a critical component to ensure that a counseling plan is relevant to students and the community. Gettysburg Area School District is one of a handful of Pennsylvania districts with an active Advisory Council. Learn the process of establishing a council, how to effectively seek stakeholder input, and how to sustain and improve their involvement.

10:15 AM – 11:15 AM **CONCURRENT SESSIONS**

Room 104 How Instructors Help Students With Numeracy

Lisa Hughes – Math Integration Specialist, Reading Muhlenberg Career and Technology Center
Linda Sayer – Cosmetology Instructor, Reading Muhlenberg Career and Technology Center
John Jacobs – Machine Technology Instructor, Reading Muhlenberg Career and Technology Center
Jeffrey Manley – Masonry Instructor, Reading Muhlenberg Career and Technology Center

This session will motivate you with strategies and information used by our instructors. Learn tools that you can take with you and use immediately. Experience how instructors created projects that have been educational and exciting for all students. From formulating shampoo, quoting a masonry project based on a movie set, to setting up dice for machining, we know that math is everywhere. Come and learn to take a chance, make a guess and wonder how math can impact your students.

Room 105 Curriculum Development Beyond the CTE Programs of Study

Elsie Bell – Educational Consultant

The Programs of Study (POS), designed as beginning frameworks, are an excellent resource, but may not provide enough content for many CTE programs. This session will focus on the CTE POS and development of a curriculum that addresses the POS and more. Through competency based career and technical education curriculum is developed beyond the POS in a systematic approach that is validated by business and industry.

Room 106 From Classroom to Boardroom – A Back-to-School Special With Lands' End

John Samson – Photography and Digital Imaging Instructor, Lancaster County Career and Technology Center
Christiaan Baird – Commercial Art Instructor, Lancaster County Career and Technology Center

Daniel McCauley – Digital Design/Print Media Instructor, Lancaster County Career and Technology Center

Collaboration is the name of the game in education. At our school, the commercial art, photography and digital design/print media programs have all come together to create catalogs for one client – Lands’ End. Students from each program were teamed together, consisting of a designer, a photographer and a printer. Each team conceived and created an eight-page catalog designed for our client. All student catalogs were then produced and sent to Lands’ End for judging. The judges were extremely impressed by the quality of the work of our high school students. This proved to be a great educational experience for all students in regards to working as a design team as well as exposure to real-life experience in the corporate world.

Room 107 Success Using Multiple Platforms – MacBooks, Chromebooks, iPads, Windows Together

Charlot Barker – Technology Support Assistant Director, Chester County Intermediate Unit 24

Thomas Ellsworth – Technology Support Specialist, Chester County Intermediate Unit 24

Putting computing power where we need it, not where we don’t – hear our stories about how we use mobile labs of MacBook Airs, Chromebooks, iPads and Windows desktop computers successfully in our schools. The multiple platform choice saves school funds and ensures that our students learn to easily move from one platform to another which is a vital skill as they go on to college and the workplace. Learn how we have communicated the differences in the platforms to our instructors so they know which equipment to reserve for any given lesson. To manage devices, we use a variety of management tools including Meraki and Apple server. Our common thread is using Google Apps for Education and Google Drive as our storage medium.

Room 108 Practical Instructional Strategies for Formative Assessment and Redos

Lois Barnes – School Improvement Consultant, Southern Regional Education Board

Informal, or formative assessments are about checking for understanding in an effective way in order to guide instruction. These assessments are used during instruction rather than at the end of a unit or course of study. In this session, participants will engage in practicing teaching strategies most closely tied to successful formative assessment and learn tips for managing feedback and redos that both provide incentive and hold students accountable.

Room 109 Relationships, Understanding and Instructing Students With Special Needs

Marty Sugerik – School Improvement Consultant, Southern Regional Education Board

Studies have shown that students with disabilities who participate in a career and technical education program may greatly increase their chances for postsecondary success in both academia and employment. This session will explore the 12 Executive Functions that are essential self-regulation skills needed to successfully participate and function in a classroom setting – and in life. Participants will analyze how each of the functions can be intentionally incorporated into units with a variety of performance tasks such as labs, stations and projects to be used in the classroom for students with disabilities.

Room 204 Comprehensive Career Planning Programming (Grades 9-12) Using an ePortfolio System

Christina Herman – Student Services and Career Development Director, Loyalsock Township School District

Monica McCarty – School Counselor, Loyalsock Township High School

This presentation will provide an overview of the comprehensive career exploration and planning program fully implemented at our school. The presenters will focus on the following components of their career development program: Electronic Portfolio, College and Career Ready Portfolio Checklist, Career Pathways, Career Assessments, Work-Based Learning Opportunities, Four-year Academic Plans, Silver Cord Volunteer Programming and Job Seeking Skills Prep. Join us for an exciting overview of the successful activities that has been developed at our district that you will be able to replicate at your school.

Room 205 Motivation Matters: Beyond Wishful Thinking

Joey Fleck – CBTE Coordinator, Penn State University

Charles Warren – Building Construction Technology Instructor, State College Area High School

The motivation to excel has a significant impact on the level of success that is achieved. While wanting all students to be motivated is important, moving beyond wishful thinking is essential. During this session, a practical example will be shared describing the impact that motivation has played in the lives of students and their instructor. In addition, a strategy will be provided that can be utilized to promote motivation. Join in and be motivated to motivate others! (This session will be repeated today at 12:45.)

Room 206 How to Raise Your NOCTI Scores Using Pre-Test Data Analysis

Alice Davis – Executive Director, Susquehanna County Career and Technology Center

Kimberly Cosklo – Cosmetology Instructor, Susquehanna County Career and Technology Center

Bruce Castelli – Carpentry Instructor, Susquehanna County Career and Technology Center

This presentation will provide specific examples of how to improve NOCTI awareness, morale and scores through pre-test analysis. Examples of the NOCTI Task Report analysis will be used, as well as, instructor feedback and techniques.

Room 207 Experience a Seventh Grade 45-Day Careers Class

Karen Garland – Careers Instructor, Grove City Middle School

See what a middle school instructor is doing with seventh graders in her 45-day Career Development computer lab classroom. Using mostly web-based resources, discover how students learn about career clusters, access their own interests, skills and work environment preferences, develop and practice their soft skills, select possible career paths, create a resume and start to understand the expectations of the interview process. No wonder this is the seventh graders favorite class...it's all about them!

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 Experiential Leadership – Learning From Our Experiences**

Aaron Kline – Director, Clarion County Career Center

Karen Pflugh – Administrative Director, Greene County Career and Technology Center

Brad Elwood – Administrative Director, Central Westmoreland Career and Technology Center

W. Barnett Knorr – Director, Center for Career and Technical Personnel Preparation, Indiana University of Pennsylvania

Leadership can be experiential, practical and realistic. Often, it is the experiences of a leader that impact his or her leadership style and create an environment for success. The presenters will discuss how: 1) The total involvement of the occupational advisory committee in various programs impacts the success of students, including: financial support, equipment donations, industry-provided instructors, co-op opportunities and permanent hires; 2) Restructuring, professional development and proven methods can be used to improve morale and student success; 3) How agility, the ability to move quickly and easily, impacts the process of establishing new programs that follow the current requirements of local business and industry. A question and answer period will follow the discussion.

Room 105 Creating SOAR Partnerships

Valjean Wright – Perkins Grant Coordinator, Harcum College

Jane Fraschilla – Postsecondary Coordinator, Chester County Intermediate Unit 24

The presenters will discuss their partnership activities and the strategies developed to strengthen connections between high school and college Programs of Study and foster the awarding of SOAR credits to qualified students. This session will focus on how the Chester County Technical College High School disseminates information and educates secondary school students about the SOAR Programs of Study opportunities. Also, Harcum College, a Perkins-allocated postsecondary institution, will share its key strategies in building bridges between secondary schools and postsecondary institutions to increase the number of students who can take advantage of SOAR credits available through established Perkins Statewide Articulation Agreements. SOAR orientation lesson plans and marketing strategies will be shared.

Room 106 Creating a Classroom Culture of Tolerance and Compassion to Increase Attendance, Teamwork and Student Achievement

Dorothy Lindblad – Occupational Child Care Instructor, Career Institute of Technology

Are you tired of taking time from teaching to serve as a referee for student disputes and conflicts? Students find it difficult to learn in a classroom in which they feel isolated, demeaned and unconnected to others. Learn how to promote understanding and tolerance among the widely diverse population of students that we see in our career and technical classrooms and how to make attendance, behavior and time on-task soar! We will discuss how to reduce student conflict within the classroom and increase success

in the workplace by increasing the emotional age of students through lessons in which students consider the back stories of others, learn to think before they act or speak and how to handle working with others in class and on the job.

Room 107 Five Ways to Hack Visual Storytelling

Robin Burns – Library Media Instructor, Salisbury High School
Kelly Wetherhold – English and Media Studies Instructor, Salisbury High School

Effective communicators know how to tell stories. Digital storytelling plays a strong role in increasing communication, engagement and relevancy. We will share five innovative ways you can enhance visual storytelling using technology you may already have on your computers and share applicable ideas you can use immediately.

Room 108 Motivation Matters: Beyond Wishful Thinking

Joey Fleck – CBTE Coordinator, Penn State University
Charles Warren – Building Construction Technology Instructor, State College Area High School

The motivation to excel has a significant impact on the level of success that is achieved. While wanting all students to be motivated is important, moving beyond wishful thinking is essential. During this session, a practical example will be shared describing the impact that motivation has played in the lives of students and their instructor. In addition, a strategy will be provided that can be utilized to promote motivation. Join in and be motivated to motivate others!

Room 109 Classy Coffee Corner

Lori Herman – Principal, Hazleton Area Career Center
Angela Avillion – Transition Coordinator, Hazleton Area Career Center
Debra Yanuzzi – Special Education Assistant Director, Hazleton Area School District

In 2007, the Classy Coffee Clan was only a dream to improve functional communication skills and soft employment skills for students with disabilities. Now, the Classy Coffee Corner has become a project-based learning initiative that is a best practice activity in our school. It was established to allow students with deficient pragmatic language and social skills to develop workplace readiness practice and is an extension of a Career Exploration classroom that works in conjunction with our career and technical programs. Students from the career areas of construction, CAD, HVAC and electrical technology collaborated to build the Classy Coffee Corner.

Room 204 WIN – Increasing Student Achievement and Employability While Leading to the NCRC Credential

Andrea Hoovler – Support Instructor, Mercer County Career Center
Nancy Brooks – Support Instructor, Mercer County Career Center
Debra Donahue – Program Director, West Central Job Partnership

WIN is an online software program that allows users to work at their own pace to increase their skill level prior to taking the WorkKeys assessment. WorkKeys measures real-world skills that employers believe are essential to job success. Emphasis is

placed on the following areas: locating information, applied mathematics and reading for information. Students who do well on the test can earn a National Career Readiness Certificate (NCRC) that verifies to employers anywhere in the United States that the student has essential core employability skills. Applicants with a WorkKeys credential often have an advantage for a position as they have demonstrated they have the skills to be job ready. Since 2013, our school has assisted students in obtaining their certificates. Learn how to maximize student achievement and assist them to become more employable.

Room 206 True Math Integration – Teaching the Pennsylvania Core Standards Cooperatively

Edel Reilly – Associate Professor, Indiana University of Pennsylvania
Cathy Jones – Mathematics Instructor, Indiana County Technology Center

Are you a math instructor looking for real-life situations you can use to meet the language and intent of the PA Core Standards? Are you a career and technical education instructor looking for ways to integrate math into your program? If you answered yes to either of these questions, then this is the session for you. This presentation will explain how math activities can be used in math classes as well as various career and technical education program areas. T-Charts are graphic organizers that show how the PA Core Mathematics Standards can be addressed in a broad range of career and technical education areas. Instructors can use T-Charts to: (1) bridge the gap between CTE and math classes; (2) provide side-by-side procedures; and (3) review several classroom-ready sample test questions that can be used to help students achieve success on the Keystone Exams. Strategies for using these T-Charts in classrooms will also be presented. Learn how to integrate T-Charts into your classes to help provide meaningful math instruction to your students.

Room 207 Practical Applications for Integrating Career Exploration Awareness in Elementary and Middle School Grades

Eric Butler – Executive Director, Lycoming Career and Technology Center
Liz Ann Barlett – Career Counselor/Facilitator, Lycoming Career and Technology Center

Learn how this school has developed strategies and applications for sharing career and technology education offerings with elementary and middle school students from five sending school districts. Through career awareness and hands-on activities, we have developed practices to inform and motivate younger students to begin career exploration in areas they find of interest. Learn how we are lighting the spark for career pathways and planning as students begin to enter high school and explore opportunities for their secondary and postsecondary plans. Attend this hands-on demonstration with students.

12:45 PM – 3:00 PM **CONCURRENT TWO-HOUR SESSION****Room 205 Collaborate, Initiate and Create a Storyboard Initiative for Your School**

Kirk Williard – Career, Technical and Customized Education Director, Chester County Intermediate Unit 24
 Michael Katch – Principal, Chester County Technical College High School - Pennock's Bridge
 Angela King – School Counselor, Chester County Technical College High School - Pennock's Bridge

Participate and share with a dynamic group of educators to provide in-depth insight as well as practical tools and methods that will work in your school. Learn to develop and encourage leadership qualities with your colleagues. Share marketing, business and industry, academic partnerships and leadership tools to become more effective in continuing to provide the finest quality academic and technical education for all students. In this two-hour session, each participant will complete a storyboard initiative to take back to his or her school.

2:00 PM – 3:00 PM **CONCURRENT SESSIONS****Room 104 Career and Technical Education and Community/Business Partnerships**

Donna Miller – Executive Director, Greater Altoona Career and Technology Center
 David DiPasquale – Administrative Director, Bedford County Technical Center
 Richard Makin – President, Central Pennsylvania Institute of Science and Technology
 Michael Stanger – CTE Advisor, PDE's Bureau of Career and Technical Education

Leadership functions for the benefit of students. There are many factors that contribute to student success in the classroom aside from the day-to-day classroom experience. The presenters will discuss how: 1) Students have benefitted from the time and effort devoted to forge business/industry partnerships, plan and prepare for national industry credentials, and adopt drug and alcohol testing policies; 2) Small rural schools can work closely with economic development partners allowing for a collaborative synergy between business and education while creating an environment that prepares students to work in our highly competitive and technical workforce of today. This collaboration among local economic development leaders, businesses and education is able to create unique programs that have lasting benefits for students; 3) Vision is needed when involved in a three-phase campus expansion plan in order for the school to better meet the needs of individuals and the community resulting in associate degrees in Specialized Technology in Healthcare Management and Advanced Manufacturing. A question and answer period will follow the discussion.

Room 105 The Motley Crew Returns!

Delmar Hart – Programs of Study and Professional Development Coordinator, PDE's Bureau of Career and Technical Education
 Beth Rhymestine – Instructor/Field Resource Person, Penn State University
 Laura DelVecchio – Acting Administrative Director/Student Services Director, Beaver County Career and Technical Center

The POS framework is the basis for much student success in the commonwealth. This session will highlight outstanding collaboration efforts with CTE and academic teachers,

innovative classroom management techniques which engage the entire class and cause student accountability to soar as well as stellar community involvement and student responsibility. In addition, current trends from business and industry will be highlighted as they affect POS. Join the Crew for an enlightening session.

Room 106 Implementing a Multiple School District Career Education Program

Kevin Rice – Executive Director, Steel Center for Career and Technical Education
Laura Montecalvo – Career Educator, Steel Center for Career and Technical Education
Maureen Shaw – Middle/High School Counselor, Clairton City School District

Participants in this session will learn how we have implemented the Career Education Initiative (CEI) to serve its member school districts. Launched during the 2013-14 school year, this effort addresses a reality for many students and their families who historically make uninformed choices regarding their future. Relying on a default decision to pursue a four-year degree with little or no connection to personal interest, aptitude or labor market knowledge, many students fail to find success or economic security as adults. The program is designed to create meaningful, engaging and personal learning experiences that bridge the knowledge gap between children and their families with workforce and economic realities. Led by a full-time career educator, the CEI offers direct services to school districts in southern Allegheny County which helps reinforce curriculum and the instruction of both middle and high school students relative to the Pennsylvania Career Education and Work (CEW) Standards. Discussion topics will include: CEW Standards, CEI program design, curriculum development, school district/career and technology center relationships, available resources, data collection and program evaluation.

Room 107 Our Ninth Graders Fight Over Books! Do Yours?

James Collins – English Department Chair, York County School of Technology
Nicki Stiger – English Instructor, York County School of Technology
Andrew Loehwing – Communications Technology Instructor, York County School of Technology

Do your students groan and grumble when they are presented with books assigned from the curriculum? Not ours. If you've ever struggled to get your students interested in curriculum-based books, we might have the answer for you. How did we do it? We showed them book trailers created by our communications technology students featuring their instructors and highlighting literary nonfiction books. We went from having reluctant readers to trying to hold off raring-to-go readers impatient to get their hands on their chosen book. By creating book trailers and offering a choice, we made the book accessible and exciting, and you can, too! Each instructor then shared a few lessons/activities with all the ninth grade instructors so they could best facilitate learning in a class where multiple books were being read.

Room 108 What Do the PA Core Standards Mean?

MaryAnn Volders – Assistant Director, Central PA Institute of Science and Technology
Michael Holtzinger – Heavy Equipment Instructor, Central Pennsylvania Institute of Science and Technology
Kenneth Hassinger – HVAC/Plumbing Instructor, Central Pennsylvania Institute of Science and Technology
Daniel Perna – Owner/President, James Daniel and Associates, LLC

Many times the greatest frustration for the integration of academic standards into lessons is that instructors are not confident about what the Pennsylvania Core Standards actually mean. Reading instructors can easily understand the literacy standards and math instructors can easily understand the math standards. However, instructors beyond reading and math cannot always decipher what a standard actually means. In this session, the presenters will focus on a research study that can help instructors know what standards actually mean in the context of learning outside of reading and math. We followed a research model to determine what instructors actually think when they read the Pennsylvania Core Standards. Our research has led to some very interesting concepts. Participants will leave with a list of ideas that can help instructors determine why and how standards can be used contextually with their program content.

Room 109 Implementing Youth Mental Health First Aid in Schools

Nikole Hollins – Educational Consultant, Pennsylvania Training and Technical Assistance Network - Harrisburg

Did you know that one in five Americans is estimated to have a diagnosable mental disorder such as depression, anxiety or substance abuse in any give year, including 13.7 million children? Youth Mental Health First Aid (YMHFA) is a training designed to teach methods to assist youth who are in the early stages of a mental health problem or crisis. This training is being offered to school and/or agency teams to ensure ample support is available to students. YMHFA is offered to school teams to build capacity and support for students. This session will provide an overview of the training and descriptions of implementation efforts in school districts in Pennsylvania.

Room 204 Head Start: Getting the Jump on Transition

Timothy Bash – Carpentry Instructor, Indiana County Technology Center
Becky Carney – Family Services Manager, Indiana County Head Start

Career and technical education is all about transition and transition is fueled by dreams, empowered by goals and driven by hard work. What better time to plant the seeds of a dream than when a child is young – still able to see everything as a possibility. The presenters will share some simple yet powerful ideas for empowering career and technology center students to impact the lives of preschoolers and their families.

Room 206 Project Based Learning – Real World Problems Solved by Students

Donald Bray – Automotive Technology Instructor, Western Montgomery Career and Technology Center
Mark Krupa – Building Construction Instructor, Greene County Career and Technology Center
Andrew Wollyung – Plumbing Instructor, Schuylkill Technology Center South
Marty Sugerik – School Improvement Consultant, Southern Regional Education Board

Career and technical education schools have embraced project-based learning! Students are engaged in authentic projects from their respective industries which is transforming classrooms by improving student engagement and building 21st century skills. Learn how students were challenged with: 1) Researching the most effective and cost efficient method to design and build a bridge capable of supporting significant static and dynamic loads; 2) Producing a cost analysis and installing a solar thermal heating

system after comparison with a current fossil fuel system; and 3) Integrating high-level math standards while reinforcing the troubleshooting/problem solving design process. Academic instructors will benefit from learning about these authentic projects and the high-level academic standards and STEM skills involved.

Room 207 Creating a Career Focused Completion Project

Nicole Darling – Career Awareness Coordinator, Dallas School District
Jason Rushmer – High School Principal, Dallas School District
Colleen Slocum – School Board President, Dallas School District

If you are looking to implement a career-based completion project, don't miss this session! The presenters will provide insight into the three critical areas of starting a career program – school board, administration and career coordinator participation. Discover how we overcame challenges during implementation of the project. Take with you the tools and layout of the program from career interviews, job shadowing and senior presentations.

3:15 PM – 4:15 PM **CONCURRENT SESSIONS**

Room 104 Where Does Your School Hang Its Hat?

Bernard Wagenseller – Executive Director, Upper Bucks County Technical School
Gerald Witmer – Administrative Director, Reading Muhlenberg Career and Technology Center
Adam Lazarchak – Director, Monroe Career and Technical Institute
Vince Safran – Consultant, PDE's Bureau of Career and Technical Education

As administrators, where do we put our emphasis or resources? In other words, where do we hang our hats? In this session, administrators from schools in the eastern region of the commonwealth will discuss the following: super-articulation with a local community college; increased focus, planning and preparation for success after high school; the measurement of success as defined by the activities and life pursuits of students after high school graduation; and, partnerships formed with a community college and a PASSHE university for the purpose of offering a maximum of 30 college credits to students before they graduate from high school. Please join this panel of educators as they seek to share successes and best practices in order to empower all administrators to take their schools to new levels of student achievement and to ascertain locations for hanging their hats.

Room 105 TED Talks...and Writes!

Tracy Stettler – Literacy Integration Specialist, Reading Muhlenberg Career and Technology Center
Steve Simons – Advertising Design and Commercial Art Instructor, Reading Muhlenberg Career and Technology Center

Are you familiar with TED Talks? If not, you are missing a valuable resource that can be used as a tool to reinforce and enhance program content. In this fun and interactive session, you will learn how to effectively incorporate literacy-based instruction into your classroom using TED Talks that are related to your respective content area. See how this school used a variety of examples to make literacy enjoyable for the students and meaningful to instruction.

Room 106 Think Like an Entrepreneur

Beverly O'Hora – Special Programs Coordinator, Lackawanna College
Suzanne Cercone – Academic Dean, Lackawanna College

The Entrepreneurship Workshop is designed to teach the audience how to think like an entrepreneur! We will share some specific techniques and will give you the knowledge you need to start a successful small business while focusing on the important legal, financial, and practical issues faced by modern start-ups. A hands-on activity completed by all attendees will showcase your creative side before a panel of “Sharks” determines the most creative and innovative entrepreneurs. This workshop will provide a little fun competition and prizes, too!

Room 107 Building a Strong Tech Plan for 2016 and Beyond

John Renna – Technology Director, Western Montgomery Career and Technology Center
Christopher Moritzen – Administrative Director, Western Montgomery Career and Technology Center
Donald Bray – Automotive Technology Instructor, Western Montgomery Career and Technology Center

A strong strategic plan provides a clear vision for the future of technology in your school. But how do you build one if you're not sure exactly what the future of tech will look like in three to five years? This session will focus on pillars, strategies and components that will stand the test of time. We will also share successes and failures from administrators and instructors who developed the plan. Strategic planning is often an overlooked area – either due to lack of time and resources, or the difficulty to get all stakeholders assembled to build a collaborative plan. This session makes the case to invest in this process as it can help everyone involved contribute to student success. Attendees will walk away motivated to start a strategic plan at their own school or get involved with their existing plan and also have templates to work from and ideas about which building blocks can be used. Bring your own device for participation in this session!

Room 108 The Neurological Educator – Filtering Out the Basics for Student Success

Maria Border – Instructor, Pennsylvania State University

During this interactive session, participants will explore simple, no-nonsense methods to improve student attention and learning retention. The session will focus on the neuroscience of learning and the behaviors of educators as well as students that bring about student engagement and effective learning. Participants will be challenged to institute nontraditional methods of learning into their lessons to bring the life back into the process of learning and the profession of teaching.

Room 109 A Plan for Implementation of Academic Support for IEP Students

Leonard Rich – Administrative Director, Lawrence County Career and Technology Center

The academic support classroom is designed to provide specialized differentiated instruction to students who qualify for support services. Individual needs are supported as defined by the student's IEP. Some specialized needs may include, but are not limited to: academic remediation, career and technical education instructional support,

transition planning, social skills instruction and emotional/behavioral growth facilitation. Instruction is provided in an individualized and/or small group setting and is designed to meet the specific needs of the students to maximize their learning potential.

Room 204 Embrace Diversity: Preparing Students to Engage in a Global World

Cynthia Gross – Civil Rights and Nontraditional Programs Coordinator, PDE’s Bureau of Career and Technical Education

La Verne Dixon – DECA State Facilitator and Education Advisor, PDE’s Bureau of Career and Technical Education

This workshop will help instructors and administrators create an educational environment that prepares students to participate in a diverse and global world. An understanding of diversity in its many forms – skills, abilities, race, sex and economic status – will be central to this discussion. Participants will discuss strategies to promote thinking within their classrooms, student organizations, schools and communities. The capacity to recognize perspectives (others’ and one’s own) and to communicate ideas effectively across diverse audiences are the skills that are essential to succeed in a global world.

Room 205 Early College Academy (ECA)

David Woods – Superintendent of Schools, Oxford Area School District

Margaret Billings-Jones – Assistant Superintendent, Oxford Area School District

Diane Lane – Student Services and Institutional Effectiveness Vice President, Cecil College

Oxford Area School District and Cecil College have found a unique and productive way to move beyond the typical dual enrollment to provide exceptional educational opportunities to high school students. Through a partnership established by the school district and the college, students graduating in four years from Oxford Area High School will also receive an associate degree from Cecil College. Administrative planning, course selection, career counseling and funding are all major components of this unique program.

Room 206 It’s Not Okay to be Just Okay

Todd Kessler – Automotive Technology Instructor, York County School of Technology

Michael Deatrick – Diesel Technology Instructor, York County School of Technology

Whether it is the workforce or postsecondary education, are your students prepared for what lies ahead? Fueled by the use of student engagement through real-world scenarios, we will discuss how we can motivate our students to strive to do their best and work harder. We will use research-based projects to enhance our students’ problem solving skills so they can reach the high expectations of the real world. These high expectations and problem solving skills will increase student independence to prepare them for what lies ahead.

Room 207 Making Connections: Where Will Your Spark Take You?

Elaine Markowitz – School Counselor, Avon Grove High School
Duane Carroll – Postsecondary Counselor, Avon Grove High School
Jennifer Lubins – School Counselor, Avon Grove High School

We would like to share our journey with you, from skeptical cynicism to enthusiastic systems-changers. We will describe the steps we took to develop and implement the PATHS to Purpose model and how this completely changed our outlook and delivery of services. We will also talk about the many connections we are making and how one spark ignites another until the whole system is alight. Our mission is to support our students as they follow the path to find their purpose and find their place in the world. We aim to offer the preparation necessary for the real world of employment and adulthood, and help students stay optimistic and have a positive attitude towards their present and future. We want to instill and model the traits that will strengthen their character, nurture lifelong good habits, and build and enhance the skills necessary to lead happy and fulfilled lives.

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 105 SOAR Programs of Study Statewide Articulation Updates

David Garnes – Career and Technical Education Advisor, PDE's Bureau of Career and Technical Education

This session will provide an update to the Students Occupationally and Academically Ready (SOAR) Programs of Study Perkins IV Statewide Articulation Agreement and postsecondary opportunities. Updates include a discussion of the newly designed web-based resources including the student document search engine now available at www.pacollegetransfer.com and the continuing progress made in establishing statewide agreements with postsecondary institutions outside the commonwealth. The session will include tips for using the Perkins IV Statewide Articulation Agreement database as a marketing tool for career and technical education instructors, secondary school counselors and postsecondary marketing personnel. The session will end with an audience-sharing session on local marketing efforts with SOAR Programs.

Room 106 Instructor's Role and Responsibilities for NOCTI Testing

Lori Bell – Project Coordinator, Penn State Greater Allegheny

The career and technical education instructor's role is vital to the success of students' performance on NOCTI tests. Do you understand your responsibilities in the NOCTI testing process at your school? Come and learn the testing process and see where you fit into that process. Resources, including Instructor Prep Packs, Study Guides and data reports, which help students prepare for the NOCTI and perform successfully, will be discussed. Hear what other schools are doing to motivate students and come prepared to share your ideas. Participants will receive a jump drive of informational resources.

Room 107 Competency Based Education Online in the 21st Century

Todd Wolford – Drafting and Design Technologies Instructor, Fulton County Area Vocational-Technical School

Crystal Glee – Computer Networking Technologies Instructor, Fulton County Area Vocational-Technical School

At the 2014 conference, a presenter demonstrated how he had taken his complete program online with a free website. Some inspired, cautious investigation led to the creation of my online program which opened a multitude of options for a problem class. Realizing that this could work with all classes, it took off from there. Now, students are not limited to doing their schoolwork only in the classroom. This access, along with an interactive syllabus, will allow students to work ahead and to redo work at their convenience. The applicable use of Google Docs to create online quizzes, documents, evaluations and surveys will also be shared. Come and hear how you can take your competency-based program online to meet the needs of technology as a 21st century skill.

Room 108 The Four Biggest Mistakes We Make When Motivating Students... And What You Should Be Doing Instead

Robyn R. Jackson – Founder and CEO, Mindsteps, Inc.

So often, we try to motivate our students but the strategies we use, may be unintentionally DE-motivating students instead. In this session, learn the four biggest mistakes we all make when trying to motivate our students and how to avoid them. You'll find out how simple tweaks in the way that you approach students can have a dramatic affect on their motivation, engagement, and resilience.

Room 109 Integrating English for a Specific Purpose and Structured Instructional Modules Into CTE Classes

Anchalee Sybrandy – ELL Coordinator/Instructor, Abraham Lincoln High School
Donald Anticoli – Principal, School District of Philadelphia

This workshop emphasizes the approach of English for a specific purpose (ESP) with structured instructional modules (SIM) for english language learners (ELL) in the urban CTE classroom to create a strong opportunity for ELLs to enter career fields represented by the Career Academy Pathway model. Presenters will stress how ELLs experience ESP and SIM to assist in integrating successfully into mainstream career pathways while maintaining a cultural connection to their country of origin. The ESP method with an emphasis on SIM allows for ELLs to surmount their current language and cultural barriers, then enter career pathways, allowing for the diverse body of ELLs to develop skills that will assist them in secondary, postsecondary and career engagement training while also providing the possibility for attainment of high-skill, high-wage opportunities.

Room 204 It's Revolutionary: Making Business and Education Partnerships Work to Create Economic Growth

Gregory Krug – President, Lampire Biological Laboratories
Lee Kandt – General Manager, Lampire Biological Laboratories
David DiPasquale – Administrative Director, Bedford County Technical Center
Scott Myers – Biotechnology and Agriscience Instructor, Bedford County Technical Center

In this session you will learn how Bedford County Technical Center, Lampire Biological Laboratories and Allegany College of Maryland joined forces to help create a pipeline of skilled workers for the life science industry. You will hear from Lampire's president concerning his thoughts about the importance of education and business partnerships. The presenters will discuss how this program can be duplicated anywhere. Come enjoy the video, *Revolutionary*, which describes this outstanding business and education partnership. Learn how the partnership was able to leverage the funding to create the video and how it is being used to attract new business to our region.

Room 205 Technology Foundations: Digital Responsibility and STEM Readiness

Amber Osuba – Pennsylvania Schools Manager, EverFi
Abbey Flick – Technology Instructor, Central Columbia Middle School

Looking to bring more technology into your classroom or school? EverFi provides free blended learning resources including: (1) Radius – STEM readiness covering topics

ranging from real-world application of algebra to basic computer science and STEM career exploration; (2) Future goals – digital literacy and responsibility; and (3) Hockey Scholar – real-life applications of STEM concepts such as area/volume of an ice rink, conservation of energy of a falling puck and speed/velocity using ice skates, through immersive hockey situations.

Room 207 Begin With the End in Mind: How an Advisory Council Can Help Promote Student Success

Bryan Kiggins – School Counselor and Department Chair, North Allegheny School District
Diane Feliciani – School Counselor, North Allegheny School District
Rhonda Bielawski – School Counselor, North Allegheny School District

Through the development of an Advisory Council, school counselors and educators are able to network with important stakeholders who have a vested interest in student success. In this session, school counselors will explain the preplanning through implementation of the school counseling domains of personal/social, career and academic preparedness best able to help students succeed. PowerPoint presentations, sample invitations, meeting notes and goal-setting strategies will be shared.

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

Reaching 21st Century Learners

Robyn R. Jackson – Founder and CEO, Mindsteps, Inc.

Today's students face more distractions than ever before while smartphones, tablets and other technological innovations give near-instantaneous access to unprecedented amounts of information. Unfortunately, many students have come to expect that all learning should be so easy and as a result, many have lost their desire to persist and pursue learning on their own and expect teachers to spoon-feed them whatever information they're supposed to have. And drastic changes sparked by switching to new standards have resulted in many students struggling with the level of rigor... falling behind... and giving up or opting out altogether. You will learn how to deal with the challenges of 21st-century learners and discover ways to engage, motivate, and inspire them and help them become true innovators and leaders.



ANNOUNCEMENTS

CONFERENCE EVALUATION • PRIZES • ADJOURNMENT

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