

Twenty-Fifth Annual Conference on INTEGRATED LEARNING: THE SCHOOL-TO-CAREER CONNECTION Tentative Agenda

WEDNESDAY, NOVEMBER 2, 2016

9:00 AM – 12:00 PM **PRE-CONFERENCE WORKSHOPS**

Mindfulness-Based Interventions in School Settings: Challenges And Opportunities for Educators

Dr. Jennifer Frank – Assistant Professor of Education, Department of Educational Psychology Counseling and Special Education, Penn State University

Interest in mindfulness-based interventions has grown dramatically in recent years, with promising effects on student health, learning and social-emotional functioning. The presenter will review the current state of research on the effectiveness of mindfulness-based programs for school-age children and provide an overview of the *Learning to BREATHE* (L2B) program – a mindfulness-based curriculum for adolescents designed to: (a) strengthen emotion regulation and attention, (b) expand adolescents' repertoire of stress management skills, and (c) help them integrate mindfulness into daily life. Lesson content has been linked to state learning standards, and has been demonstrated to be effective in enhancing the social-emotional well-being and mental health of adolescents across several randomized and quasi-experimental trials. Participants will learn about the theory and evidence-base for the L2B program. Help your students cope!

Teach Like a Champion

Kathryn Strouse – Administrative Director, Middle Bucks Institute of Technology
Denise Dohoney – Assistant Administrative Director, Middle Bucks Institute of Technology
Michael McCombe – Culinary Instructor, Middle Bucks Institute of Technology
James Davey – Multimedia Instructor, Middle Bucks Institute of Technology

The book, *Teach Like a Champion*, offers effective teaching techniques to help teachers, especially those in their first few years, become “champions” in the classroom. These powerful techniques are concrete, specific and easy to put into action the very next day to achieve higher academic standards. Our purpose is to provide an overview of the 49 techniques, an explanation of how teacher training was implemented within the career and technical and academic programs of the school, how to integrate technologies within *Teach Like A Champion's* techniques and how they can help to support students of all abilities and backgrounds by adding routines and addressing all modalities of learning.

Using Technology in Today's Classroom

Ryan Devlin – Multimedia Instructor, Fox Chapel Area School District

We underestimate the potential of this generation of globally-connected, tech-savvy students. It's not about the device; it's about the instructional shift that makes students active participants in learning. Learn how to teach them ways to find creative solutions to complex problems through collaborating with others and making the best use of technology. Learn how to make your students tomorrow's leaders. Technology will help students acquire the skills they need to survive in a complex, highly technological knowledge-based economy. Bring your smartphone, tablet or laptop to interact during this presentation.

1:00 PM – 2:30 PM **OPENING SESSION**

Schools Cannot Do This Alone: Student Success in an Age of Rising Expectations

Jamie Vollmer – President, Jamie Vollmer, Inc.

“People working in our schools are heroes, and this is public education's most hopeful time.” An award-winning advocate of public education, Jamie has worked for the past 25 years to help schools and their communities remove the obstacles to student learning, both in and out of school. While not a professional educator, he became involved with school reform after careers in law and manufacturing. Once a harsh critic of America's public schools, he has become an articulate friend. He combines statistics, logic and humor to energize and encourage educators and others to work together to remove the obstacles to progress and create schools that unfold the full potential of every child.

2:45 PM – 3:45 PM **CONCURRENT SESSIONS**

You Have a General Manager; You Have a Team...Have You Considered an Instructional Coach?

Joanne Custer – Instructional Coach, Dauphin County Technical School
Sharon Deiling – Instructional Coach, Dauphin County Technical School
Kathy Schick – Consultant, National Center for College and Career Transitions

What impact has your professional development had on your teachers' growth? Join these instructional coaches to explore the benefits of coaching and how this model can assist in the transition from one-and-done professional development to personalized learning to impact an entire school community. The following topics will be addressed: the possible roles of an instructional coach, how coaches can support teacher and administrator practices, and how peer coaching can create a collaborative environment.

Pennsylvania's SOARing Programs of Study

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

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 (SOAR) Programs of Study (POS) Initiative. The PDE website will be utilized to highlight POS names and phases, task grids, revision schedules and the most recent information on SOAR Statewide Articulation Opportunities with postsecondary institutions. Teachers and administrators will learn valuable information concerning the Crosswalks to Academics links that have recently been added to the website, which align PA Core Standards to competencies on the program of study task grids. The crosswalks are especially useful for the integration of academics into instruction, in designing lesson plans, and in meeting requirements of 339 reviews regarding standards.

Proven Practices From Teach Like a Champion

Kathryn Strouse – Administrative Director, Middle Bucks Institute of Technology
Denise Dohoney – Assistant Administrative Director, Middle Bucks Institute of Technology
Michael McCombe – Culinary Instructor, Middle Bucks Institute of Technology
James Davey – Multimedia Instructor, Middle Bucks Institute of Technology

Based on Doug Lemov's book, *Teach Like a Champion*, this session offers effective teaching techniques to help teachers become champions in the classroom. These powerful techniques are concrete, specific, and are easy to put into action. This session will include activities to help teachers further their understanding through reflection and application to propel powerful student learning.

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

Jean Kelleher – Division Manager, Bureau of Career and Technical Education
Randy Zangara – Career and Technology 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 career and technical education program success. In this session, participants will learn about the Williamsport experience where 52 corrections from an Approved Evaluation were turned into a positive experience.

Implementing a Learning Management System: Becoming a Learning Facilitator in the 21st Century CTC Classroom

George Karnbauer – Computer Network and Security Instructor, Forbes Road Career and Technology Center
Sue Ann Stewart – Cosmetology Instructor, Forbes Road Career and Technology Center
Chris Varner – Technology Coordinator, Forbes Road Career and Technology Center

The classroom of the 21st century is not like the past, but implementing a learning management system (LMS) will enable the instructor to move from learning provider to learning facilitator. The presenters' discussion will include: how to choose the LMS best for your school, various LMS examples, and the benefits of implementing a learning management system throughout the career and technology center curriculum.

STEPs to Success: Important Skills for Partnering Students With the Community

Leigh Rusnak – High School Special Education Administrator, Bethlehem Area School District
Holly DeNofa – Assistant Principal, Freedom High School

Transition to employment and independent living is a key focus of secondary individualized education planning. Site Training Employment Program (STEPs) is a coordinated continuum of courses and curriculum that teaches these vital skills to students in partnership with local employers and non-profits. Students who complete the STEPs program have the skills to be employed and live independently. This presentation will give strategies on how to build a program that can improve student transition to employment and independent living, while building strong, productive relationships with surrounding communities.

Establishing Connections Between the Career Center, Sending Schools, and Community

Clifton Bossong – Assessment and STEAM Coordinator, A.W. Beattie Career Center

This session will provide a look at the application of STEM technologies within the CTE classroom/shop to reinforce and expand student knowledge aligned to 21st century skills. Learn how one center leverages resources to provide leadership opportunities for their students through Science, Technology, Engineering, Arts, and Mathematics (STEAM), outreach to the community and elementary, middle, and junior high schools within the sending districts.

Career Exploration and Job Search Tools

James Martini – Economist, 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.

Using Instructional Technology for Blended Learning

Robert Lacivita – Programs and Services Coordinator, North Montco Technical Career Center
Richard Matthias – Mechatronics Instructor, North Montco Technical Career Center

Differentiated instruction to allow students to learn at their own pace is a goal all instructional staff should envision. Learn how one instructor created a Google classroom and is using instructional technology, blended classroom/lab strategies, and collaborative learning tools to differentiate instruction, and how the individual learning needs and interests of students are addressed through this approach. Students expressed great satisfaction with the instructional strategies and technology used. This program produced a 2014-2015 national SkillsUSA champion.

Summer Fun Leads to CTE Success!

Andrea Vaughn – School-to-Career Programs Project Manager, Chester County Intermediate Unit 24
Deborah Watson – School-to-Career Specialist, Chester County Technical College High School - Brandywine

Our summer Career Academy for middle school students introduces career choices to sixth through ninth graders in a fun, hands-on way that can help influence future career aspirations. Adolescence is a critical time for exploring career interests. Research has shown that waiting until high school to explore career choices can create anxiety and indecision. This effective model helps students better understand the opportunities that are available to them within career and technical education in areas such as: Mobile App Coding, Media Technology, Home Remodeling, Electronics and Robotics, Building America, Animal Science and My Big Idea (entrepreneurship).

4:00 PM – 5:00 PM CONCURRENT SESSIONS

Successful Instructional Leadership: Effective Non-Verbal Communication

Joey Fleck – CBTE Coordinator, Workforce Education and Development, Penn State University
Jamie Lupia – Instructor, Workforce Education and Development, Penn State University
Jennifer Nicholas – Instructor, Workforce Education and Development, Penn State University

Communication is a leadership skill that has a tremendous impact on success. The ability to communicate effectively influences instruction, student outcomes, parental involvement, and working relationships with others. This session will focus on successful nonverbal communication skills. Practical strategies will be shared based on teacher coaching and interviews with job recruiters. Participants will engage in a variety of activities designed to improve their non-verbal communication skills.

The Programs of Study Tool (POST) Program

Linda Hoover – Health Care Technology Instructor, Susquehanna County Career and Technology Center
Darlene Drake – Health Care Technology Instructor, Susquehanna County Career and Technology Center

As an instructor do you think, "You want me to do what?!", when asked to: determine a three-year scope and sequence; track students' task performance; make students own their POS performances; determine what assessments to use for each specific area; highlight NOCTI and industry specific credentials, help district personnel, parents and students with IEP requirements; understand expectations of CTE; and attempt to maintain a sense of sanity regarding all of these expectations? This session will provide a framework and template that is worth considering.

CTE's Ray of Hope in the Every Student Succeeds Act

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

The Every Student Succeeds Act (ESSA) has offered the light of hope to career and technical education. The new law is very clear that career ready is just as important as college ready. Under the guise of the well-rounded student, ESSA counters the No Child Left Behind concept that all students must be college ready without regard for career ready. This new law does not change the idealism of college and career ready students, but it places as strong an emphasis on the word career as it does on the word college. The presenter will provide information from the literature that shows the strong support that national leaders have for the career-ready concept in ESSA. A breakdown of details that will not change under ESSA and those ideas that will begin to change under the new law will be presented.

Lights, Camera...Video Making in the Classroom

Ryan Devlin –Multimedia Instructor, Fox Chapel Area School District

Learn how students can use iPhones or iPads to create their own one-of-a-kind videos that can serve as an assessment of their learning. This session will provide free apps and resources that will enable students to easily produce professionally edited videos that are engaging and entertaining. This is a great assessment tool to use for those interested in Project-Based Learning. Educators will also learn how they themselves can create videos to curate content if they are interested in flipping their classroom. Video making ideas for all content areas will be provided.

Differentiated Coaching: Supporting and Sustaining Teacher Growth in Assignments That Matter

Marty Sugerik – School Improvement Consultant, Southern Regional Education Board

Instructional coaching is becoming very important around the country. Supporting teachers and challenging them to grow is no easy task and it requires differentiation. Differentiated Coaching provides a methodology to meet ALL teachers' needs by personalizing the direction of growth. This session will provide a foundational toolkit for instructional coaches to begin to differentiate support with colleagues. Participants will be able to customize and expand the toolkit to meet the needs of the specific coaching environment. By sharing a variety of case studies being implemented around the country, participants can gain a snapshot of how differentiated coaching can support teacher growth.

Aligning Career Standards With Pre-Employment Transition Services to Improve Employment Outcomes for Students With Disabilities

Dana Baccanti – Special Programs Division Chief, Pennsylvania Office of Vocational Rehabilitation

Lynn Zale – Vocational Rehabilitation Specialist, Pennsylvania Office of Vocational Rehabilitation

Michael Stoehr – Educational Consultant, Pennsylvania Training and Technical Assistance Network

As students with disabilities prepare to enter the workforce in numbers as never seen before, it is essential for agency partners supporting them in the transition from school to work to align their services and jointly expand their efforts. With the implementation of the Workforce Innovation and Opportunity Act of 2014, the Office of Vocational Rehabilitation seeks to enhance its partnerships and to increase opportunities for students with disabilities within career and technical education.

Saving for College With the PA 529 College Savings Program

Charley Gelb – PA 529 College Savings Program Representative, Pennsylvania Treasury Department

Learn how PA 529 College Savings Program can help your school develop a plan to engage parents, assist your district develop a tailored communications plan, and answer any questions. The program can provide families with information on the benefits and best ways to save for college and gives education professionals an overview. This presentation seeks to build a foundation on the current landscape of college affordability, why a college education is important and how parents can access the information they need through our school outreach channels. Take away materials include brochures, one-page flyers and additional electronic materials.

Timeline for Your Future – Counseling for Careers

Randall McDowell – Electrical Networking Instructor, Middle Bucks Institute of Technology

Jo Ann McLaughlin – Cosmetology Instructor, Middle Bucks Institute of Technology

Lise Rich – Early Childcare and Education Instructor, Middle Bucks Institute of Technology

This best practice presentation uses project-based learning to build a timeline for the future using a comprehensive set of tools and resources to assist students preparing to exit high school. Students need to think seriously about what they want to do after graduation. Whether considering going straight into a career, entering the military or heading to college, students need to have goals and a plan on how to get where they are going next. Through a series of activities, students will better understand how to use their unique personality, skills, interests, and values to plan their career direction. Students learn that they can take control of future success today by simply deciding to make a plan.

Big Data, Dashboards and Inquiries to Improve CTE

Todd Luke – Vice President, MAX Teaching

This session will demonstrate multiple methods utilizing NOCTI data to improve curriculum and instruction in career and technical education. Participants will receive samples of various methods utilized to analyze their program, school or state data. In addition, the presenter will share the "effect size," from Professor John Hattie's "The Applicability of Visible Learning" (2015), or magnitude between the NOCTI pre-test and post-test. Participants can immediately create a model for their school that shows continuous improvement over time.

Career Interventions 101

Tia Dreckman – School Counselor, Milton Area Middle School

Aaron Slusser – School Counselor, Milton Area Middle School

Kathy Specht – Instructor, Bloomsburg University

Current research shows that students need engagement in the career domain in order to achieve and be engaged in their educational development. Over the past several years, counselors in our school district have collaborated to expand the delivery of career interventions into a three-tier approach. They include Tier 1 introductory concepts in the sixth grade and Tier 2 and 3 interventions that include career focus groups for students who have not identified their interests and have not progressed adequately on their career portfolios. Learn how these career interventions can be used as an innovative approach to the challenges of working with a middle school population.

THURSDAY, NOVEMBER 3, 2016

9:00 AM – 10:00 AM CONCURRENT SESSIONS

Providing Instructional Leadership Through Professional Development

Alice Davis – Executive Director, Susquehanna County Career and Technology Center
Jill Wiedmaier – Culinary Arts Instructor, Susquehanna County Career and Technology Center
Daniel Perna – Owner/President, James Daniel and Associates, LLC

Instructional leadership involves a sustained professional development program. By scheduling outside consultants, using in-house trainers and allotting time for both individual and group sessions, the school has an extensive focus on helping instructors become better. With defined targets on the instructional expectations, the director leads the staff with an intensive offering of skill workshops and seminars, not just words and memos. This session will outline the entire seven-year staff development strategy. Participants will be informed how the director determines what professional development is needed. Participants will learn how the school's faculty is part of all decisions made concerning the professional development sessions. Finally, this session will explain how to pay for this plan. Participants will leave the session with techniques that can be used so that instructional leadership is implemented via focus and staff input.

Touchdown With Technical Academy: A Berks CTC and Reading Area Community College Collaboration

Melissa Yoder – School Counselor/Enrollment Manager, Berks Career and Technology Centers
Charles Stricker – Engineering Technologies Instructor, Berks Career and Technology Center - West
Christopher Nappi – Information Technology Networking Instructor, Berks Career and Technology Center - East

The community college's Technical Academy (TA) is a unique partnership which has been steadily growing to include the following career center's programs: business management and entrepreneurship, health occupations, information technology networking, information technology programming, and mechatronics. An average of 100 students take part annually in this outstanding opportunity to earn up to 27 college credits due to the collaborative curriculum of the career center and community college. The presentation team will reveal the challenges and benefits of such a partnership. The student perspective will be highlighted in a video showcasing TA experiences and testimonials. This progressive partnership offers students the opportunity to take courses at the community college campus their senior year, thus broadening their horizons.

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

Jean Kelleher – Division Manager, Bureau of Career and Technical Education
Randy Zangara – Career and Technology 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 career and technical education program success. In this session, participants will learn about the Williamsport experience where 52 corrections from an Approved Evaluation were turned into a positive experience.

eMentoring for Health Careers

Morris Turner – Program Manager, UPMC Center for Engagement and Inclusion
Theresa Cairns – Health Occupations Instructor, Beaver County Career and Technology Center
David Mosey – Executive Director, Smart Futures

The UPMC Center for Engagement and Inclusion (UPMCCEI) has developed Next Steps, a number of career awareness programs to increase interest in health care careers among students. A key component of its programming is eMentoring for Health Careers, an online, one-to-one, school-based college and career mentoring program for students in health careers programs. UPMCCEI has partnered with Smart Futures, a local non-profit, to match UPMC employees with health career students to develop a postsecondary transition plan into the health industry. In addition to having a 12-week conversation with their mentor, students complete online activities that lead to the creation of a formal college and career plan. The curriculum meets the requirements of the Pennsylvania Academic Standards for Career Education and Work and culminates with the student declaring a specific career goal as well as three postsecondary programs that can help reach that goal. Come hear how the program was implemented successfully at a career and technology center with 67 health careers students.

Mobile Technologies – An Instructional Design of Blended Learning

Karen Dentler – Social Studies Instructor, York County School of Technology

Mobile devices are one of the primary ways that students interact and learn from each other. The goal of this mobile technology session is to show how students can access an all encompassing learning environment, where they are able to be more reflective, clarifying, and are able to conjecture about the real world around them. This mobile technology instructional design allows you and the learner to connect the classroom to the real world.

Transition Work Training Program

Beth Campagna – Secondary Student Services Coordinator, School District of Lancaster
Danielle DiNicola – Exceptional Student Specialist, School District of Lancaster
Cheryl Ludwig – Job Trainer, School District of Lancaster

The School District of Lancaster has built a partnership with Marriott and Lancaster County Convention Center to provide on-site training for students that has resulted in valuable competitive employment skills and employment for some students. This model is being replicated as the district moves forward to access business partnerships in the community that will offer students further training in the hospitality industry and other industries as well. The focus with Marriott was originally banquet set-up and general housekeeping which is expanding to culinary arts.

Senior Seminar: You WILL Use This in the Real World

Kathryn Slattery – Reading Specialist/Senior Seminar Instructor, Central Montco Technical High School

This session highlights the creation of job-ready portfolios by high school seniors who meet once a week outside of their shop setting to not only learn the skills necessary to obtain employment but the skills necessary to make smart decisions about the money they earn in their new careers. Renting their first apartment, creating a realistic budget, understanding taxes, filling out employment paperwork and learning how to earn a good credit score are lessons that students have enjoyed learning about in Senior Seminar. A 2016 graduate of the program states, "Thanks for teaching us stuff we didn't learn anywhere else." This program helps to bridge the gap between high school and employment for those students who are not postsecondary school bound and truly helps them prepare for the challenges they face after high school. Visit [Senior Seminar at Central Montco Technical High School](#).

Strategies to Improve NOCTI Scores

Linda Wolfgang – Career and Technical Education Supervisor, Pittsburgh Public Schools
Jo-Ann Olszewski – Career and Technical Education Supervisor, Pittsburgh Public Schools
Angela Mike – Career and Technical Education Executive Director, Pittsburgh Public Schools

Are you looking for a practical and fun approach to improving NOCTI scores? Even though reviewing and analyzing NOCTI data is a critical aspect of targeting and identifying curriculum areas for remediation, come and learn other ways to improve student performance. This session will demonstrate how to develop a NOCTI toolkit and NOCTI Blitz plan using the mock-NOCTI test. Participants will leave with a NOCTI countdown timeline, NOCTI toolkit framework and the NOCTI Blitz plan to support increased NOCTI scores.

Using Wearable Technology and Online Course Structure

Philip Lachimia – Administrative Director, Delaware County Technical High School – Folcroft
Josh Hanlon – Instructional Technology Specialist, Delaware County Intermediate Unit 25
Joe Fick – Building Trades Instructor, Delaware County Technical High School – Folcroft
Bill Jenkins – Automotive Technology Instructor, Delaware County Technical High School – Folcroft

Transform the delivery of career and technical education for students using wearable technology and online class structure. Examples of the technology being used in classrooms and labs that will be part of this presentation include: Go-Pro cameras, Google Glass, and Canvas Learning Management System. Instructors use Go-Pro cameras to videotape demonstrations performing duties and tasks. The theory elements of the lesson can be accessed by students online. Instructors create modules that contain all of the elements of the theory lesson, including relevant academics, that students can access and work on independently.

K-12 Career Development in an Urban Setting: Perseverance, Purpose and Innovation

Michael Thompson – Consultant/Trainer, PDE's Bureau of Career and Technical Education
Betty Holmboe – Consultant/Trainer, PDE's Bureau of Career and Technical Education
Davina Capik – K-12 College and Career Counselor, Harrisburg School District
Jill Ruhl – Elementary School Counselor, Melrose Elementary School
Keisha Starling – College and Career Counselor, Harrisburg High School

The challenges of poverty and limited resources in an urban education setting requires innovative and strategic solutions to help all students achieve their academic and career goals. The counselors in these three districts have collaborated and persevered in developing their K-12 Guidance Plans and programs in spite of numerous obstacles. Discussion will include: gaining administrative support; continuous building of stakeholder connections; gains from the K-12 advisory council; parental support and engagement; developing a K-12 curriculum in career development; using measurable program goals to guide direction; and using outcome data to measure the impact of career development and interventions on behavior, academic achievement, attendance, and school safety. Attendees will hear about specific program interventions and community resources that were used to address these topics.

Pursuing Excellence Through Education and Industry

Meredith Hendershot – Principal, Southern Fulton High School
Paul Mellott – President, The Mellott Company
Anthony Payne – Director, Fulton County Area Vocational-Technical School

The Southern Fulton School District and the Fulton County AVTS have created a partnership with The Mellott Company that is made with students in mind. The goal of the partnership is to empower students to embrace core values (safety, integrity, commitment, respect and excellence) and put them to use in the community. Students benefit from scholarships, field trips, mock interviews, resume building as well as paid internships and on-site technical training via the newly-created Mellott University. This presentation will include students who have benefited from the program as well as a video providing a visual overview of the partnership that has evolved over the past ten years.

Multi-Tasking 501 – You Can Do It!

Patricia Leibfreid – Culinary Arts Instructor, Bedford County Technical Center

With hundreds of tasks identified in the Programs of Study (POS) framework, varied student capabilities, three levels of student proficiency, two hours of class time per day and one instructor in a competency-based classroom; how can you assure that students are learning and being assessed appropriately? This session will identify one instructor's solution to these challenges. Utilizing classroom management tools, innovative assessment techniques, MAX teaching strategies, and student-led instruction has resulted in a 96 percent advanced certification on the NOCTI assessment for the past six years. Sample grade books, POS tracking, rubrics, and peer-to-peer assessment will be presented.

The Every Student Succeeds Act and STEM: Choices and Opportunities for Student Success

Judd Pittman – Special Assistant to the Secretary of Education for STEM, Pennsylvania Department of Education
Samantha Koch – Executive Policy Specialist, Pennsylvania Department of Education

We are at a watershed moment in federal and state education policy. Last December, Congress passed the Every Student Succeeds Act (ESSA), which serves as the long-awaited, bi-partisan replacement for its predecessor, the No Child Left Behind Act. Over the past several months, educators, policymakers, and other stakeholders across Pennsylvania have engaged in robust discussions about ESSA implementation, as well as ways to support high-quality science, technology, engineering, and mathematics (STEM) opportunities for all students. In this interactive session, participants will learn how they can be active and informed stakeholders in discussions and decision-making around ESSA at the state level and in their own communities to leverage the new law's opportunities and resources to promote STEM education.

Hands On, Minds On: Engaging Students With Graphic Organizers

Dennis Arms – Assistant to the Assistant Superintendent for Curriculum and Learning, Coatesville Area School District

Graphic organizers are a convenient tool, but how many times do our students groan at the sight of another Venn diagram? If you are looking for some new, hands-on graphic organizers to add to your classroom, this session is for you. Learn how to build and modify 3-D, student-made, interactive graphic organizers. This is an engaging way for students to create a learning tool for themselves. Come prepared to work and share ideas on how this new strategy can be added to your classroom.

You Have a General Manager; You Have a Team...Have You Considered an Instructional Coach? (Repeat Session)

Joanne Custer – Instructional Coach, Dauphin County Technical School
Sharon Deiling – Instructional Coach, Dauphin County Technical School
Kathy Schick – Consultant, National Center for College and Career Transitions

What impact has your professional development had on your teachers' growth? Join these instructional coaches to explore the benefits of coaching and how this model can assist in the transition from one-and-done professional development to personalized learning to impact an entire school community. The following topics will be addressed: the possible roles of an instructional coach, how coaches can support teacher and administrator practices, and how peer coaching can create a collaborative environment.

Gender Equity in Career Training

Dennis Wilke – President, Rosedale Technical College

With a focus on women in the trades, this session will explore efforts to achieve greater gender equality in technical career education. Discussion points include overcoming unintentional bias in the classroom and labs, promoting stronger outcomes, peer mentoring, best practices in marketing, and lessons learned from the "Women of Rosedale" female student organization.

Career Pathway Connections

Colleen Fahey – Career Pathways Advisor, Lehigh Career and Technical Institute
Grace Loeffler – Academic and Special Programs Director, Lehigh Career and Technical Institute

This session will provide strategies for your institution to develop career and life-ready learners by implementing a career pathways system across all aspects of your organization. Learn how this career and technical institute has developed a pathways system to support successful outcomes for students. Topics include the use of the career pathways in recruitment, retention, overall guidance efforts, open houses, tours, marketing, creation of a student ambassador program, learning walks for stakeholders including business partners, instructors and administrators, and much more.

Lenses of Leadership – How to Develop an Effective Working Relationship With Your Administrator

Kirk Williard – Director, Chester County Career Technical and Customized Education

Angela King – School Counselor, Chester County Technical College High School - Pennock's Bridge

The Pennsylvania Department of Education's resource guide, Career and Technical Education Leadership Connections: A Guide to Effective Working Relationships, was an inspiration for this presentation. The purpose of the resource guide was to share ideas and practical examples that school leaders can implement to improve their working relationships with stakeholders. Although this guidebook aligns the working relationship definition towards the Joint Operating Committee or School Board, the steps to build strong, supportive working relationships relates to all staff. The presenters will discuss their journey to developing, maintaining, and enhancing an effective working relationship. The participants will leave with strategies on how to develop positive and supportive working relationships within your organization.

TMC2 – Teaching Mathematics With Career Connections: Everyone Benefits

Michelle Saylor – Superintendent, Bellefonte Area School District

Tracy Boone – Curriculum and Instruction Director, Bald Eagle Area School District

Sherri Connell – Assistant Superintendent, Penns Valley Area School District

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

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

Do your students recognize math in your classrooms? If your answer is "probably not," then this session is right for you. The presenters will discuss and demonstrate how career and technology centers and district math instructors have students think about and interact with math concepts. Using the T-Charts located on the SAS Portal, the three school districts and the local part-time career center came together to communicate and collaborate about how to connect the T-Charts to instruction for students in both settings. The goal is to promote the recognition of math as a vital career tool.

Developing a Chapter 339 Plan From a Grassroots Level

Christopher Long – School Counselor, Warrior Run School District

Aaron Slusser – School Counselor, Milton Area School District

Come and hear how two neighboring school districts worked to develop a K-12 Guidance Plan which includes sharing resources and ideas within their local region. By working together, both school districts benefit from sharing advisory council members to collaborating on other career awareness activities that the districts provide throughout the year. It has led to an increase in career maturity in the students and created "sparks" within the students as they leave the school building. This presentation will also focus on how the K-12 Guidance Plan has developed a relationship with district administrators and gained their continued support in the development of the program.

12:45 PM – 1:45 PM CONCURRENT SESSIONS

Planning and Promoting an Exciting, Engaging, and Effective CTE Week

Michelle Lipko – Mathematics/Lead Instructor/Student Council Adviser, Career Technology Center of Lackawanna County

Career and Technical Education Week offers a unique opportunity to build school pride while promoting all programs. This presentation will offer successful ways to engage all students, staff, alumni, occupational advisory committee members, postsecondary partners, and community members in a week full of fun, fundraising, and learning. Schedules from past weeks as well as templates for planning specific events will be shared. Learn how to collaboratively plan this week so that all students and staff are able to embrace and celebrate career and technical education.

Dual Enrollment Partnerships: Technical Coursework and a Pathways Approach

Monica McCarty – Dual Enrollment Specialist, Pennsylvania College of Technology

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

The benefits of dual enrollment for students are becoming well-known, but the majority of partnerships focus on general education coursework for students. This philosophy disregards a large population of students who can also benefit from dual enrollment in technical fields. Traditionally, hands-on career and technical education coursework can unfortunately still carry a negative stigma, but partnerships can reinforce the importance of technical skills. When technical dual enrollment offerings are combined with opportunities for general education credits, students reap the benefits of successful college-prep experiences, as well as cost and time savings. This session explores technical dual enrollment and the ways in which such pathways are created and expanded, both at the secondary and postsecondary levels.

The Every Student Succeeds Act and STEM: Choices and Opportunities for Student Success

Judd Pittman – Special Assistant to the Secretary of Education for STEM, Pennsylvania Department of Education

Samantha Koch – Executive Policy Specialist, Pennsylvania Department of Education

We are at a watershed moment in federal and state education policy. Last December, Congress passed the Every Student Succeeds Act (ESSA), which serves as the long-awaited, bi-partisan replacement for its predecessor, the No Child Left Behind Act. Over the past several months, educators, policymakers, and other stakeholders across Pennsylvania have engaged in robust discussions about ESSA implementation, as well as ways to support high-quality science, technology, engineering, and mathematics (STEM) opportunities for all students. In this interactive session, participants will learn how they can be active and informed stakeholders in discussions and decision-making around ESSA at the state level and in their own communities to leverage the new law's opportunities and resources to promote STEM education.

Tiny House – Integration of Construction Trades

James Smith – Construction Cluster Instructor, Lancaster County Career and Technology Center

This session will explore resources and techniques needed to build a tiny house on wheels in the construction technology classroom. The presenter will discuss the use of various construction trades and how they are implemented in this process. Trade areas integrated include carpentry, computer-aided drafting, plumbing, electrical construction, cabinetmaking, painting, floor covering and heating, ventilation, and air conditioning. Join us for ideas to build your own tiny house!

Developing an Ongoing Professional Development Model – Lunch 'n' Learn

Regina Hiler – Principal, Butler County Career and Technology Center

Pamela Schachern – Technology Coordinator, Butler County Area Vocational-Technical School

The presenters have developed a model of professional development that fits in well with teacher schedules and is voluntary but very well attended. Not only do instructors attend the Lunch 'n' Learn sessions, but they have brought multiple suggestions to leaders and have progressed to taking on the leadership role in sessions. Topics shared will include Rubistar, Skype, Student Learning Objectives, Prezi, Quizlet, and OneDrive.

Increasing Graduation Rates and Decreasing Dropout Rates for Students With Disabilities

Andrea Ellis – Educational Consultant, Pennsylvania Training and Technical Assistance Network Pittsburgh

Amira Yancy – Educational Consultant, Pennsylvania Training and Technical Assistance Network King of Prussia

The State Performance Plan/Annual Performance Report (SPP/APR) of the Individuals with Disabilities Act provides a framework for continuous improvement in educational outcomes for students with disabilities. An additional new requirement of the SPP/APR is the State Systemic Improvement Plan (SSIP) built around a particular focus area. Pennsylvania is working to increase the graduation rate and decrease the dropout rate for students with disabilities. Participants will examine the research-based strategies to help students with disabilities stay in school, graduate, and become contributing members of society, as well as obtain current updates of the local implementation of SSIP.

Our Journey Towards Deep Equity, Inclusion and Culturally Responsive Leadership and Teaching: Working Together to Engage Our Culturally Different Students in Academic and Career Success

Khalid Mumin – Superintendent of Schools, Reading School District

Waldo Alvarado – Equity and Diversity Director, Reading School District

This presentation will address how the school district is working collectively to develop equitable teaching and leadership practices to support the academic and career success of ALL 17,000 culturally and linguistically diverse students. Equity initiatives will be presented with a special focus on the district's Deep Equity School Leadership Series. This is a multi-year "train-the-trainer" model designed to create Culturally Responsive Teaching teams. The teams will help schools develop and implement strategies that maximize student achievement as well as improve the climate and culture of all classrooms.

Operationalizing PA Math T-Charts: Building Lessons to Bridge Math-in-CTE

Marty Sugerik – School Improvement Consultant, Southern Regional Education Board

The Pennsylvania Bureau of Career and Technical Education has developed math T-Charts to bridge the gap between career and technical education and math which can be used by both math and CTE instructors. T-Charts provide an excellent resource to connect contextual math in CTE programs, related contextual examples in real-world applications, and traditional math. The presenter will model a seven-step lesson plan from the National Resource Center for Career and Technical Education that instructors can use to bridge the gap between traditional math in the classroom and applied math in the workplace and life.

Multi-Tiered System of Supports

Kurt Lynch – Vocational Director, Schuylkill Technology Center

Stacey Minahan – Assistant Principal, Schuylkill Technology Center

John Jeffrey Sweda – Assistant Principal, Schuylkill Technology Center

Multi-Tiered System of Supports (MTSS) is a support system for students based on a broad set of evidence-based practices that may be implemented within and across a school system to include academic and behavior within a recursive and systematic problem-solving process. The MTSS process includes multiple sources of reliable and valid data which are used to continuously inform, monitor, and improve student response to instruction and intervention. This presentation will discuss how MTSS is being utilized in the career and technical education setting.

SPARC (Students Participating and Researching Careers) the SPARK in STEM Camp

Elizabeth Brewer – Elementary School Counselor (retired), Warrior Run School District

Where is the female version of Steve Jobs or Mark Zuckerberg? Over the years, research studies have been consistent in finding that there is a definite discrepancy between the genders when it comes to holding jobs in the STEM workforce. How can we change this mindset? SPARC the SPARK in STEM Camp provided a week-long summer awareness experience for fourth grade girls where they can visit and talk with women in STEM careers in round-table presentations at a medical center, at businesses and at a college campus. The results of the post-tests show this week-long experience enhanced the girls' awareness in the STEM fields. Who knows the impact in the future – they may one day be the creators of the next big ideas that could change our lives forever! Learn about the camp activities and the schedule that provided opportunities for the girls to engage with women in STEM careers.

2:00 PM – 3:00 PM **CONCURRENT SESSIONS**

Utilizing Data to Increase Student Engagement and Motivation Through a Tiered System of Positive Behavior Support

Ronald Contrady – Principal, Delaware County Technical High School - Aston

Ryan Coughlin – Principal, Delaware County Technical High School - Folcroft

Linda Lomas – Student Services Supervisor, Delaware County Technical High School - Folcroft

This presentation will detail the process and activities that the Positive Behavior Support (PBS) team has developed to facilitate a culture of learning and respect across all campuses and environments. From the initial development of professional expectations and a school-wide reward system, this team has been integral in the professional development of staff, the implementation of a school-wide system of positive behavior support, and the implementation of a PBS data team. The team identifies trends or patterns and identifies strategies for improvement. The team also looks at data in a month-to-month comparison and year-to-year comparison to identify broader patterns and trends that may be occurring. This interactive presentation will guide participants through the steps of developing a school-wide system of PBS that utilizes data to improve student engagement and motivation in the curriculum and reduce discipline referrals.

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 web-based resources and the student document search engine available on [PA College Transfer](#) 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 CTE instructors, secondary school guidance counselors and postsecondary marketing personnel. The session will end with an audience-sharing discussion on local marketing efforts with SOAR Programs.

TMC2 – Teaching Mathematics With Career Connections: Everyone Benefits (Repeat Session)

Michelle Saylor – Superintendent, Bellefonte Area School District

Tracy Boone – Curriculum and Instruction Director, Bald Eagle Area School District

Sherri Connell – Assistant Superintendent, Penns Valley Area School District

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

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

Do your students recognize math in your classrooms? If your answer is “probably not,” then this session is right for you. The presenters will discuss and demonstrate how career and technology centers and district math instructors have students think about and interact with math concepts. Using the T-Charts located on the SAS Portal, the three school districts and the local part-time career center came together to communicate and collaborate about how to connect the T-Charts to instruction for students in both settings. The goal is to promote the recognition of math as a vital career tool.

From Paper to the Cloud

John Williamson – Applied Mathematics Instructor, Greater Altoona Career and Technology Center

Enhance students' learning experiences! This session details one instructor's journey from paper to the digital world using a learning management system. A demonstration on technology used in the classroom that allows students to submit all their assignments digitally will be shared along with other resources for teachers. The resources discussed during this presentation are used in a mathematics setting but are applicable to all subject areas. Participants are encouraged to bring electronic devices such as a laptop, tablet or smart phone to this session.

Using Data to Accurately Assess and Cultivate School Climate

Michael Alessandrone – Principal, Northeastern Middle School, Northeastern York School District

Len Reppert – Principal, Southern Middle School, Southern York County School District

Administrators agree that the establishment of a supportive and collaborative climate and culture are the cornerstone of every highly effective school. However, have instructors ever been truly taught how to assess, monitor, create, cultivate or sustain such a climate and culture in our schools? Participants in this session will learn how to collect, organize, analyze and finally use data to do exactly that. Come prepared to analyze and collaborate to take home immediate school improvement ideas.

Outside-the-Box Strategies to Engage Students

Donna Shea – Instructional Assistant, Lenape Technical School

Rita Black – Instructional Assistant, Lenape Technical School

This is a hands-on workshop that will demonstrate creative ways to assist students in learning as well as staying focused on the task at hand. Participants will learn how to turn free and everyday items into valuable teaching tools. Did you know that a roll of toilet paper can be used for classroom assessment? All participants will have the opportunity to make items to take with them. Come and hear these engaging presenters.

Project-Based Learning

Paul Ryan – Electronics Instructor, Mercer County Career Center

Marsha Welsh – Career and Technical Distinguished School Leader, PDE's Technical Assistance Program

The Southern Regional Education Board strongly endorses project-based learning through the Pennsylvania Technical Assistance Program. Through the program, the presenter developed two projects for students in the electronics class – a cutting edge portable, self-service information system for the career center and an electronic musical instrument with a DIY construction manual. Learn about the basics of project-based learning, the design and development of the projects, the problems encountered, the results of the issues, and the real benefits of project-based learning.

Are You Picking Up What We Are Putting Down? Formative Assessment Strategies on the Fly

Lynn Fohringer – Culinary Arts Instructor, Mifflin County Academy of Science and Technology

Pamela Eby – Cosmetology Instructor, Mifflin County Academy of Science and Technology

Join this engaging and interactive session about tried and true formative assessment strategies. During this session, participants will learn about simple and effective strategies that will engage students and promote learning. Hear testimony from students about their experience with formative assessment strategies to discover which strategies are truly effective in 21st century classrooms.

Got Integration? Got Projects? Your Future is Covered!!

Lisa Hughes – Integration Specialist, Reading Muhlenberg Career and Technology Center

Tracy Stettler – Integration Specialist, Reading Muhlenberg Career and Technology Center

Jacklyn Rusnock – Health Dental Occupations Instructor, Reading Muhlenberg Career and Technology Center

Christopher Gardecki – Plumbing and Heating Instructor, Reading Muhlenberg Career and Technology Center

Integrating literacy and numeracy into your program area can feel like a chore, but not when you use hands-on experiments and research to engage students. The presenters would like to take you on a journey. Follow along and help your students touch the future with math, literacy, experimentation, and journaling. See how the plumbing and dental instructors used projects incorporating fun literacy and numeracy activities to engage students. Experience the future!

Connecting Counselors With Careers!

Lynn Fuini-Hetten – Assistant Superintendent, Salisbury Township School District

Cindy Evans – Youth Program Manager, Lehigh Valley Workforce Development Board

Learn about the process used to create a professional development series for secondary school counselors. This series was a direct result of a partnership between a local workforce development board and school district. Learn how to identify topics, structure sessions, develop and send communications, and secure feedback. The presenters will provide details about the program created that included local businesses in various career clusters.

3:15 PM – 4:15 PM CONCURRENT SESSIONS

Entrepreneurship – Can It Be Taught?

Suzanne Cercone – Academic Dean, Lackawanna College

Beverly O'Hora – Special Program Coordinator, Lackawanna College

This workshop is designed to teach the audience how to think like an entrepreneur! The presenters will share some specific techniques. There will be a presentation and a hands-on activity that all attendees will complete. A panel of "Sharks" will determine the most creative and innovative entrepreneurs. This workshop will explain the art of salesmanship, creative thinking, and time management. It will encompass a little fun competition and prizes, too!!

Using the Tracking Method to Enhance Academic Achievement

Richard Rava – Principal, West Side Career and Technology Center

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

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

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

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

During the 2015-2016 school term, the English Department developed a task-tracking system for student achievement in Language Arts. This system of defined competencies follows the model used by technical instructors with their Program of Study tasks. The administrators and instructors worked with the special education department to design this system with IEP goals in mind. The group also worked with an outside consultant to answer questions of how the Keystone Exam results would be improved by using this model. In this session, the presenters will lay out the plan, show the competency list, and explain the victories and challenges that were confronted.

Career Academies: An American Innovation and Why They're Important

Constance Majka – Director, Learning and Innovation, Philadelphia Academies, Inc.

Dorothy Lemanski – Professional Development Provider, Philadelphia Academies, Inc.

David Kipphut – CTE and Career Academies Deputy Director (retired), Philadelphia School District

Career academies have been around for decades but these days they are in a groove. Academies are a time-tested model for improving academic achievement readying students for both college and careers. Over 7,000 schools around the country have adopted the model. The presenters will cover the research on the model and teacher collaboration, components of the model, how it is different from CTE, and discuss the National Standards of Practice for Career Academies.

Career and Technical Education e-Portfolios

Sarah Ford – Career and Technical Education Career Counselor, Pittsburgh Public Schools

Lucinda Safran – Career and Technical Education Career Counselor, Pittsburgh Public Schools

Have you been looking for an effective way to collect student information and digital artifacts? Join career counselors to learn about their career and technical education e-Portfolios. This digital tool allows students to become more engaged and self-reflective in their learning while providing them with a resource that can be used for postsecondary transition to employment. Session participants will also review the lessons used to develop the e-Portfolio and roll out its implementation. Methods to encourage instructor and student buy-in will also be discussed.

How a Popular Podcast Brought Surprising Reactions and People Into a Classroom

Susan Lovejoy – Criminal Justice Instructor, SUN Area Technical Institute

Marybeth Morrison – Assistant Professor, Penn State University

The podcast *Serial* captured the world when NPR reporter, Sarah Koenig, explored the case of Adnan Syed, a 17 year-old who was convicted of killing his former girlfriend, Hae Min Lee, in 1998. This resulted in Syed getting a post-conviction relief hearing. Many classrooms, from junior high to college, use the podcast with their students to teach a variety of subjects. This presentation will discuss how it was used in a criminal justice class to enhance techniques for teaching memory, the surprising reaction of the students to the podcast, and how connections made through spin-offs from the podcast brought guest speakers into the classroom to discuss cutting edge and controversial trends in the field of policing and investigative work. The presenters will also discuss how using podcasts, and connections from them, could be used in any classroom to engage learners.

Mental Health, Emotional Support and CTE – A Service 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

We all know students who are academically capable but exhibit a high need for emotional and mental health support to succeed in school and beyond. How do we capitalize on their strengths and help them reach their potential? Our student services division has developed a model with a success mindset for these students. Join us to learn how creative opportunities in career and technical education programs, dual enrollment possibilities, in-class strategies, and a community focus are helping students thrive and reach their postsecondary goals.

Professional Dispositions: The Non-Academic Qualities Leading to Success

Deborah Grubb – Educational Field Experiences Director, California University of Pennsylvania

Connie Monroe – Department of Secondary Education and Administrative Leadership, California University of Pennsylvania

It is no secret that professional and academic success relies on more than SAT scores and grades. Over the last decade, teacher preparation programs have been asked to look at the professional dispositions that are essential in developing future professionals. Accrediting bodies ask us to identify the behaviors that will lead to success and assess teaching candidates for those qualities. A group at the university has identified a set of professional dispositions tied to research and developed a developmental rubric focused on observable behaviors. Dispositions such as problem-solving and responsibility are essential to most professions – not only teacher education. The presenters will share their rubric which can be used at both the high school and college levels. The assessment process and the corrective action plan put into place will be shared. Join in a discussion of how we can all work to prepare students to meet professional expectations.

Rehabilitation Aide (Sports Medicine) – A New CIP for Those Interested in Sports and Therapy Professions

Garry Himes – Rehabilitation Aide Instructor, York County School of Technology

Jennifer Reed – Rehabilitation Aide Instructor, State College Area School District

Hannah Seyfort – Rehabilitation Aide Instructor, Lebanon County Career and Technical Center

Beth Craig – Health Related Occupations Instructor, Carlisle High School

The new rehabilitation aide (sports medicine-based) program is a fast growing health occupations program. Share in this session which will explain the integration of rigorous academic concepts into a new program, which is endorsed by the Pennsylvania Athletic Trainers' Society. The integration of 21st century skills, such as communication, problem solving, and wellness literacy (nutrition), anatomy and physiology, clinical skills, and medical terminology are components of an exciting and challenging program. This new program combines the best of athletic training/physical/occupational therapy with academic standards. Join with instructors who are currently teaching in this CIP code as they showcase their successful best practices which are the foundation of an effective program.

Off the Hook With Math and Reading

James Westfall – Electrical Instructor, Western Area Career and Technology Center

John Weinman – Millwork and Cabinetry Instructor, Eastern Westmoreland Career and Technology Center

Shawn Golden – Welding Instructor, Greene County Career and Technology Center

Integrating math and reading skills into the career and technical education curriculum is vital. Unfortunately, students aren't always receptive. Engaging students from the start of these academic lessons is an important step. But, who has time to plan creative hooks or attention grabbers for every lesson? Don't recreate the wheel! Instead learn from the resources around you. Isn't that why we are all here? Participants will walk away with six creative attention grabbers to use in the classroom when introducing a math or reading concept.

Ensuring That ALL Students are Career Ready

Jackie Lundy – Education Program Manager, Community Education Center of Elk and Cameron Counties

Anna Chelgreen – English Instructor, Johnsonburg Area High School

Learn how a high school English teacher partners with local professionals to ensure that all students are prepared for the world of work. Through a semester-long course, students participate in a series of lessons that combine both the Career Education and Work Standards and English Standards. Lessons include job application, resume and cover letter writing, digital responsibility, career interest inventories, high priority occupations, interview prep, mock interviews and more. These lessons are adaptable for grades 7-12 and can easily be implemented as mini-lessons.

FRIDAY, NOVEMBER 4, 2016

8:45 AM – 9:45 AM CONCURRENT SESSIONS

Partners in Education

Mike Miller – Collision Repair Technology Instructor, Indiana County Technology Center

John Martin – Curriculum Development Coordinator, PPG Industries

What is the goal in educating students? Motivation, goal setting, self-discipline, pride in work, etc. Yep! This program does it! The PPG Partners in Education Program (PIE) is an exciting technician certification program intended to partner industry with technical schools. The goal is to provide entry-level industry certification to qualifying automotive collision repair students enabling them to participate in PPG's Automotive Refinish Technician Certification Program. The certification process helps students seek employment in automotive collision repair centers. Upon entering the workforce, students may also perform refinish repairs covered under the company's Limited Lifetime Paint Performance Guarantee. Students who successfully complete the program will have a valuable, marketable, nationally-accepted industry certification.

SOAR Programs of Study Statewide Articulation Updates (Repeat Session)

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 web-based resources and the student document search engine available on [PA College Transfer](#) 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 CTE instructors, secondary school guidance counselors and postsecondary marketing personnel. The session will end with an audience-sharing discussion on local marketing efforts with SOAR Programs.

Mindfulness Strategies for Educators

Jennifer Frank – Assistant Professor of Education, Pennsylvania State University

In this session, we will provide a brief introduction to mindfulness-based practices and activities and strategies educators can use to help students focus and regulate emotions. Research has shown that bringing breathing techniques and meditation into the classroom reduces adolescents' emotional distress and anxiety and positively influences school engagement, unexcused absences and other disciplinary actions. Students experienced a decrease in reported stress and an improvement in their academic skills. The researchers found significant improvement in students' school engagement as well as a reduction in unexcused absences and detentions. Students' attitudes toward resorting to violence also decreased, and they developed better coping skills. Join the presenter to learn how to relax and de-stress.

Tiny House – Integration of Construction Trades (Repeat Session)

James Smith – Construction Cluster Instructor, Lancaster County Career and Technology Center

This session will explore resources and techniques needed to build a tiny house on wheels in the construction technology classroom. The presenter will discuss the use of various construction trades and how they are implemented in this process. Trade areas integrated include carpentry, computer-aided drafting, plumbing, electrical construction, cabinetmaking, painting, floor covering and heating, ventilation, and air conditioning. Join us for ideas to build your own tiny house!

Keeping Current in the Ever Changing Field of Special Education

Bernie Miller – Director for Education Services, The Pennsylvania State Education Association

Your job involves educating all students in various career paths, skill sets, and soft skill development. It is challenging enough to manage all of these aspects plus lesson plans, dealing with behavior challenges, motivation, and safety. This session will give you the cliff note version of what is happening in the special education arena so you have enough information to help you keep current, out of trouble procedurally, and supportive of students with special needs.

Not Your Father's "Vo-Tech"

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

Career and technology centers (CTC) have changed in many ways throughout their years of existence. Unfortunately, even though our schools and curriculum have changed, the thoughts and mentality of parents, community members and even educational personnel have not. This session will focus on what WAS our father's vo-tech and what currently IS our CTC. What are we doing to change the mentality and the marketing of our schools? How can we influence our parents and community members to realize our value? Where do we start to change the mentality of our educational world? How can your current teachers, who may be previous students, help in this cause?

Crayons to Career – Bringing Sparks to the Elementary Setting

Danielle Varner – Elementary School Counselor, Conneaut School District

During the development of the K-12 Guidance Plan, it was described that focusing on "careers" isn't something else that we are adding to our plate...it is the plate! If students are not prepared for work, if they are not able to work, if they lack necessary skills for work, then as an educational system, we have failed. The presenter took these ideas to heart and began to integrate "careers" in brand new ways. Learn about developmentally appropriate activities and materials that were designed to expand the "Sparks" curriculum into grades K-2. A puppet, original song, lunch speakers and parades helped young children think about their "sparks" that lead to career portfolios for transition to fifth grade. Participants will more than likely be asked to sing the "Sparky" song and will leave with new ideas for bridging the current gap from crayons to career.

10:00 AM – 11:00 AM CLOSING SESSION

Kathy M. Manderino – Secretary, Pennsylvania Department of Labor & Industry

The presenter will discuss the departments' work with job seekers, employers, educators, and partners in creating a workforce development system that addresses each audience's needs – now and into the future. The presentation will include an overview of the initiatives in place and in development, including improvements to JobGateway®, the PA CareerLink system, and the department's implementation of the Workforce Innovation and Opportunity Act.