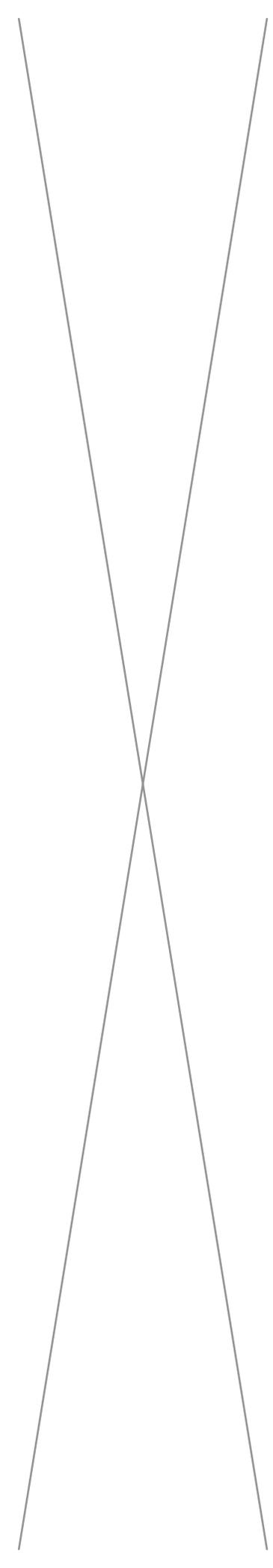


PA•CTEC 2015

CONNECTING EDUCATION & CAREERS



PENNSYLVANIA CAREER & TECHNICAL EDUCATION CONFERENCE



41st Annual Pennsylvania Career & Technical Education Conference



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF EDUCATION
333 MARKET STREET
HARRISBURG, PA 17126-0333
www.pde.state.pa.us

June, 2015

The Pennsylvania Department of Education, Bureau of Career and Technical Education, is pleased to co-sponsor the 41st Annual Pennsylvania Career and Technical Education Conference (PA•CTEC). Your involvement in career and technical education has a tremendous impact on the students that pass through your buildings.

This year's conference, as those in the past have done, will include presenters that will provide new insights, ideas, and practical strategies that you can implement in your classrooms. It is our hope that the sessions complement and supplement your on-going passion and commitment to your profession. There are over 40 professional development sessions focused on curriculum development, technology trends in CTE, instructional strategies, and resources that you can adopt for use in your classrooms. Educational and commercial vendors will showcase new technology, state-of-the-art equipment, and up-to-date curriculum.

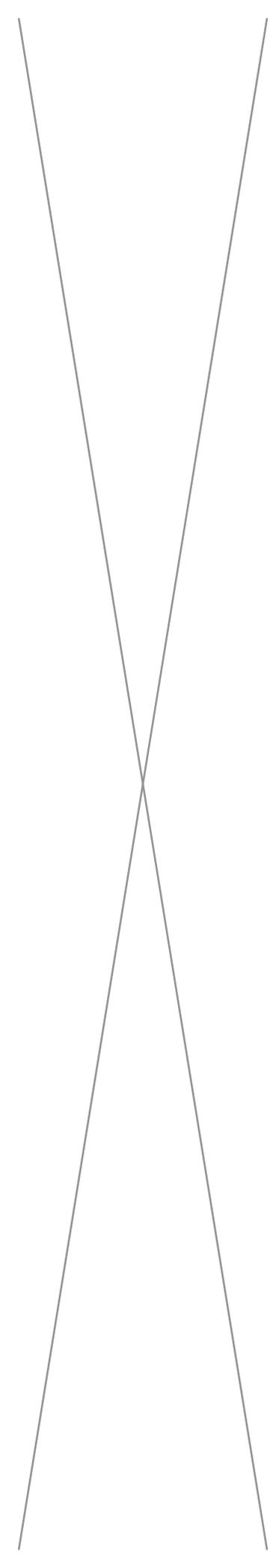
The Bureau is glad that you have chosen to participate in this conference and offer you best wishes for a successful and rewarding experience.

Sincerely yours,

A handwritten signature in cursive script that reads "Lee Burket".

Lee Burket
Director
Bureau of Career and Technical Education

Greeting from the Director



41st Annual Pennsylvania Career & Technical Education Conference

Policy Committee

Chester Wichowski, Chairperson
Co-Chair PA-ACTE Awards Committee
Center for Professional Development in Career and Technical Education
Temple University

Lee Burket
Pennsylvania Department of Education
Bureau of Career and Technical Education

Jacqueline Cullen
Pennsylvania Association of Career and Technical Administrators

David Dayok
Pennsylvania State Education Association
Department of Career and Technical Studies

Planning Committee

Paula Andrei
Conference Coordinator
Center for Career and Technical Personnel Preparation
Indiana University of Pennsylvania

Alice Davis
Commercial and Educational Exhibits
Susquehanna County Career & Technology Center

Joseph DeFranco
Co-Chair PA-ACTE Awards Committee
Center for Professional Development in Career and Technical Education
Temple University

Gloria Heberley
Treasurer
Center for Professional Development in Career and Technical Education
Temple University

William Henry
Commercial and Educational Exhibits

Jennifer Nicholas
Professional Personnel Development Center
Penn State University

Supporting Organizations

Pennsylvania Association for Career and Technical Education (PA-ACTE)
Pennsylvania Association of Career and Technical Administrators (PACTA)
Pennsylvania Department of Education, Bureau of Career and Technical Education (PDE-BCTE)
Pennsylvania State Education Association, Department of Career and Technical Studies (PSEA-DCTS)

41st Annual Pennsylvania Career & Technical Education Conference



Opening Session Speaker
Monday, June 15, 2015

Pedro A. Rivera
Acting Secretary of Education
Pennsylvania Department of Education
www.education.pa.gov

Pedro A. Rivera was nominated by Governor Tom Wolf to serve as the Secretary of Education on January 20, 2015.

He most recently served as Superintendent of The School District of Lancaster, a position he held from 2008-2015.

Under Rivera's leadership, The School District of Lancaster developed and implemented a new curriculum, an aggressive professional development plan, and innovative teacher observation tools. These initiatives resulted in an increased graduation rate, notable improvements in math, science and writing proficiency scores, and enhanced the level of participation from high-performing students in programs that help prepare them for college and other post-graduation opportunities.

In September 2014, Rivera was honored by the White House as a Champion of Change for his efforts to transform urban education – one of ten recipients nationwide to receive the prestigious honor.

He brings extensive experience in public education to his role as a member of Governor Wolf's cabinet and has spent his entire career helping students. Prior to serving as superintendent of The School District of Lancaster, he served as a classroom teacher, staff member with the Philadelphia Federation of Teachers, assistant principal, principal, and executive director for the School District of Philadelphia.

Rivera is a first generation college graduate and earned a Bachelor of Science Degree from Penn State University, a Master's Degree in Education Administration from Cheyney University, and his Superintendent's Letter of Eligibility from Arcadia University.

Rivera was raised in the Hunting Park section of North Philadelphia and resides in Lancaster with his wife Erika, son Lucas and daughter Elena.

41st Annual Pennsylvania Career & Technical Education Conference

Featured Speakers



General Session Speaker
Tuesday, June 16, 2015

Kathleen McNally
School Improvement Specialist
Southern Regional Education Board
www.sreb.org

Kathleen is a school improvement specialist for the Southern Regional Education Board (SREB) specifically working with high schools and technical centers to operationalize the *Technology Centers That Work (TCTW)* Ten Key Practices and Key Conditions. She has worked as a high school mathematics teacher, as the Associate Director of Training for national SkillsUSA, for the Penn State University Workforce Education and Development program as a Career and Technical Education (CTE) Teacher Educator, and as the Director of CTE for the Milton Hershey School. She earned her doctorate at Penn State University in Workforce Development in 1998.

She is currently in her eighth year with SREB and her charge involves working with states, with a focus on West Virginia, on embedding mathematics in CTE instruction including facilitating the adoption of the *Mathematics Design Collaborative (MDC)* tools and frameworks, working with faculties on embracing *Project Based Learning (PBL)* instructional and planning approaches, and facilitating *Technology Centers That Work* and *High Schools That Work (HSTW)* efforts.

Brunch Speaker
Wednesday, June 17, 2015

Lee Burket
Director

Pennsylvania Department of Education, Bureau of Career and Technical Education
www.pde.state.pa.us



Dr. Burket started with the Department of Education, Bureau of Career and Technical Education in 2003 and has served in a number of capacities. She started as the Work-Based Learning Coordinator, has served as Acting Assistant Bureau Director twice, and twice as Acting Bureau Director. She also served as the Tech Prep Coordinator at PDE from 1993 to 1996.

Prior to working at PDE, she served as Acting Director, Assistant Director and Adult Education Coordinator at Admiral Peary Area Vocational-Technical School. She served in these various leadership positions at the school for approximately 8 years.

Dr. Burket earned her doctorate in Adult Education at the University of Georgia. She went to UGA on a Kellogg Fellowship. Her responsibilities focused on rural revitalization and evaluation of the revitalization efforts. She also worked as a research assistant with the UGA Cooperative Extension Service. After completing her degree, she worked at UGA as a program developer. In this role she developed program standards for post-secondary vocational-technical institutions.

The *Key* to CTE is
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www.careertechvision.com

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four full days of CTE professional development opportunities, pre-VISION workshops, ACTE's Awards Banquet and more

Explore

ACTE's CareerTech Expo featuring 200+ CTE products and services to enliven your curriculum and classroom

Discover

200+ compelling CTE sessions, and a repertoire of expert presenters addressing key issues on CTE

Find

a wealth of networking opportunities with 3,500+ CTE educators, administrators and business leaders

The largest gathering of CTE professionals in the country

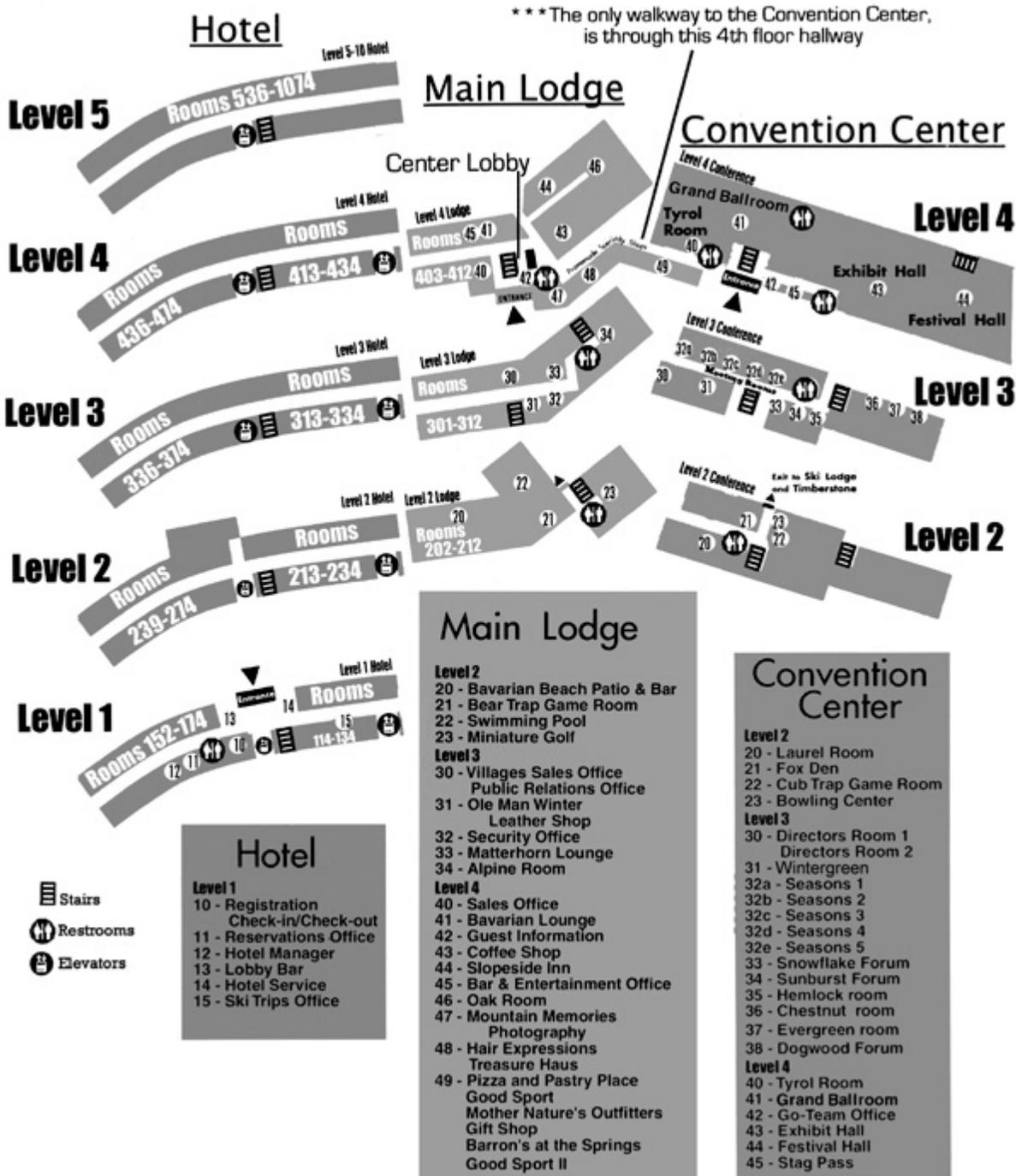


	Early Bird by July 10	Advance by October 16	Late after October 16
ACTE Member	\$395	\$445	\$525
Nonmember	\$575	\$625	\$695
Spouse	\$200	\$210	\$220



Association for Career and Technical Education
 Phone: 800-826-9972 // Fax: 703-683-7424
www.acteonline.org // *Connecting Education and Careers*

41st Annual Pennsylvania Career & Technical Education Conference



9:30 am - 5:00 pm

Stag Pass **Registration**

11:00 - 11:30 am

Seasons 5 **First-Time Attendee Orientation Session**Alice Davis - Exhibits Chair, PA•CTEC
Chester Wichowski - Policy Committee Chair, PA•CTEC

This orientation session is designed for first-time attendees, although all conference participants are welcome to attend. Take this opportunity to learn how to get the most from the conference.

11:45 am - 12:30 pm

Grand Ballroom **Lunch Buffet**
Please remember your meal ticket.

12:30 - 1:00 pm

Grand Ballroom **Opening General Session**

Chester Wichowski - Policy Committee Chair, PA•CTEC

Posting of the Colors - U.S. Army Harrisburg Recruiting Battalion Honor Guard

National Anthem - U.S. Army Sergeant First Class Samuel Woodberry

Opening Remarks

Pedro A. Rivera - Acting Secretary of Education, Pennsylvania Department of Education

1:15 pm Technical Updating

Grand Ballroom **Sausage Making 101**
Lobby

Participants leaving for Somerset CTC should meet in the lobby outside of the Grand Ballroom. Pre-registration required.

Chestnut Room **Geometric Dimensioning & Tolerancing**

Montez King - Instructor, National Institute for Metalworking Skills

This instructor-led NIMS workshop will cover the fundamentals and application of geometric dimensioning and tolerancing, based on ASME Y14.5-1994 and ASME Y14.5-2009.

NIMS Credentialing prints will be discussed in detail for GD&T applications, along with fundamental dimensioning rules.

1:30 - 2:30 pm

Seasons 1

Are They Still Breathing? Taking Your Students' Educational Vital Signs

Beth Rhymestine - Field Resource Person/Instructor, Penn State University
Ken Hassinger - HVAC Instructor, Central Pennsylvania Institute of Science & Technology
Mary Ann Volders - Director, Central Pennsylvania Institute of Science & Technology

Given the new teacher evaluation model, the newest distractions for students, and competing tasks for both parties, is it any wonder that students – and instructors, too – sometimes become disengaged? We don't think so and we are prepared to share why and how we feel getting in tune with your students and being able to check their educational pulses regularly is important not only to their learning and well-being but also to your performance as an instructor!

Seasons 3

TED Talks...We Listen

Tracy Stettler - Literacy Coach, Reading Muhlenberg Career & Technology Center
Steve Simons - Advertising Design & Commercial Arts Instructor, Reading Muhlenberg Career & 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 session, you will learn how to incorporate TED Talks into any program area while reinforcing literacy-based instruction.

Seasons 5

Get Excited About Career and Technical Education Month!

Sheila Parker - Literacy Coach, Steel Center for Career and Technical Education
Shelley Hartman - Data Specialist Secretary, Steel Center for Career and Technical Education
Robin White - Assistant Director, Steel Center for Career and Technical Education

Find out how one school maximized Career and Technical Education Month to foster a positive school culture and increase student engagement. Specific activities and strategies will be presented to enliven your school and affirm it as a place where success is encouraged, recognized, and celebrated. Learn techniques to educate stakeholders and local media about the value and success of quality career and technical education programs. Prepare for an interactive session that is exciting and fun!

2:45 - 3:45 pm

Seasons 1

STEM Integration Technique

Joanna DeFranco - Assistant Professor, Penn State University

Instructors in all subject areas should make an effort to integrate math and science into the curriculum in order to increase the pool of high school students entering into STEM-related college programs. This collaborative session will include a discussion on what motivates students to learn math and science and a framework and ideas to integrate math and science concepts into different subject areas.

2:45 - 3:45 pm (continued)

Seasons 3

Student Motivation and Research Techniques

Michael Deatrick - Diesel Technology Instructor, York County School of Technology
Michael Holtzinger - Heavy Equipment Instructor, Central Pennsylvania Institute of Science and Technology

One of the best ways to motivate students is by “making it real”. This presentation will give you a look at how CTE programs can make their courses more rigorous and meaningful to their students by using projects such as researching and developing a company or a business plan, or creating a preventive maintenance program for a fleet. We will discuss ways to motivate and encourage students to think critically and find answers on their own through research and real-world scenarios.

Seasons 5

Enhancing Projects Through Career and Technical Education

Marty Sugerik - School Improvement Consultant, Southern Regional Education Board

Enhanced project-based learning in CTE is a framework for instructors to design and implement a sequence of authentic and rigorous workplace projects in their courses that provide students with the technical, academic, and employability skills necessary for both career and college success. Participants engage in a design process to plan, construct, implement, and assess an authentic project that mirrors problem-solving in business and industry.

4:00 - 5:00 pm

Seasons 1

Leading Forward: Developing and Sustaining Momentum

Joey Fleck - Competency Based Teacher Education Coordinator, Penn State University

Momentum is the energy that propels a person, team, or group of students forward. When you don't have momentum, you strive for it. When you have momentum, you want to keep it. Momentum doesn't have to be left to chance. Participants in this session will be engaged in discussion and activities designed to prepare them to lead the way forward in developing and sustaining momentum.

Seasons 3

Recruiting Urban Non-Traditional Students to CTE Programs - Challenges and Successes

Carol Adukaitis - Director of Workforce Initiatives, PA State System of Higher Education

Recruiting students from urban areas to attend CTE programs and activities has challenges that are different from those of suburban and rural settings. However, students who do attend the urban career centers and have opportunities to participate in STEM classrooms and activities have higher graduation rates than their peers attending their home schools. This presentation will focus on the Philadelphia School District's recent efforts to recruit middle school males and females and their parents to attend Advanced Manufacturing STEM Academies and the challenges and successes that occurred.

4:00 - 5:00 pm (continued)

Seasons 5

NOCTI BIG DATA and Next Steps

Todd Luke - Vice President, MAX Teaching

Using NOCTI test reports to create a statewide effort to improve CTE can be accomplished using the NOCTI task link reports. This session will demonstrate a method for CTE teachers to work together to share ideas, curriculum and instructional methods to help all schools begin a continuous improvement of the programs of study.

Dinner on your own allowing you time to enjoy Seven Springs!

7:00 - 8:30 am

Grand Ballroom **Buffet breakfast at your leisure**
Please remember your meal ticket.

8:00 am - 4:30 pm

Stag Pass **Registration**

9:00 am - 5:00 pm

Exhibit Hall **Educational and Commercial Exhibits**

8:45 - 9:45 am

Seasons 1 **Two Approaches to Student Engagement**

Steven Park - Business and Marketing Program Specialist, PDE-Bureau of Career and Technical Education

Effective student engagement in the CTE classroom and lab is a combination of academic and workplace motivational factors. This presentation will provide principles of engagement that are applicable to the unique character of career and technical education.

Seasons 2

A Method of Word Analysis to Improve Word Recognition, Pronunciation and Spelling

Valjean Wright - Reading & Writing Specialist and Perkins Grant Coordinator, Harcum College

The inability to successfully decode words is often a major barrier to reading proficiency for many students. The ability to syllabicate words is one area of word analysis where better and more comprehensive methods are needed, especially for middle and high school students. This session will introduce an innovative method of word analysis that the presenter has developed and used in reading instruction for many years with middle school through adult learners. Reading specialists, CTE instructors and students who have used this system of word analysis report that it is a breakthrough method for improving students' abilities to pronounce, recognize and spell words. Participants will learn and practice this new method and be supplied with instructional materials for classroom use.

Seasons 3

Schoology – A Learning Management System to Transform Your Classroom

Stephen Paduhovich - Instructor, York County School of Technology
 Matt Ausmann - Account Executive, Mid-Atlantic Schoology

Schoology is a free web-based Learning Management System (LMS) for teachers and students which makes the classroom available 24/7. The main focus of this presentation is to demonstrate how easy Schoology is to use and how it can make a whiteboard obsolete. Schoology makes it easy for academic and CTE instructors to share lessons, assignments, and due dates with students and parents.

8:45 - 9:45 am (continued)

Seasons 4

Remediating Keystones by Integrating CTE Tasks and Eligible Content

Seth Schram - Principal, Technical College High School Brandywine Campus

Tim Gallagher - Learning Support Instructor, Technical College High School Brandywine Campus

This presentation will give a good example of a framework used for creating Professional Learning Communities (PLCs) to remediate CTE students on the Keystone Exam testing areas. The PLCs concentrate on the three main Keystone testing areas and how they relate to CTE program content. In addition, there will be examples of CTE curriculum as it crosswalks with Keystone eligible content and some exciting and successful delivery methodology including co-teaching.

Seasons 5

How Do We Design A Project-Based Learning Experience?

Daniel Perna - Owner/President, James Daniel & Associates, LLC

Ben Mordan - Assistant Director, Franklin County Career and Technology Center

Project-based learning brings the challenge of incorporating POS tasks, academic standards, and assessment concepts into a student-driven learning experience. The challenge can seem too insurmountable to take the risk. However, when the teacher has a process to bring it all together, project-based learning rewards both student and teacher. In this session, we will offer an interactive learning opportunity for participants to actually build a project -- from task lists, to academic skills, to the assessment rubric. Those in attendance will leave with something they have developed and can use.

9:45 - 10:30 am

Exhibit Hall

Break

Coffee, tea, juice, soft drinks, bottled water, fruit, breads, and granola bars

Use this time to visit the educational and commercial exhibits. While there, have each vendor that you visit place a sticker on your "prize ticket" that is in your registration packet. Place your prize tickets, complete with stickers from vendors, into the containers next to the prizes that you would like to win.

Names of the lucky winners will be posted inside the Grand Ballroom on Wednesday morning. Prizes will be distributed after brunch the same day. Prize winners must be present to claim their prizes.

Thank you to the companies and schools for your generous donations!

10:30 - 11:15 am

Snowflake Forum **General Session****Students at the Center of High-Quality CTE: Ten Connections to Consider**

Kathleen McNally - School Improvement Specialist, Southern Regional Education Board

As an invested group of CTE educators and stakeholders, how do we think about high-quality CTE and what this means for our students?

This session invites PA•CTEC participants to consider an analysis of various national, state, and local perspectives on elements of high-quality CTE - but, with a twist! How can we leverage key principles by considering the contribution of each for student empowerment and engagement in the learning process? Let us create our own Top Ten List (David Letterman has given us the green light!), while keeping our students in the forefront!

11:30 am - 12:30 pm

Seasons 1 **The Brain, The Motivation, The Success**

Daci Killinger - Culinary Arts Instructor, Keystone Central School District CTC
Nina Eckert - Dental Assistant Instructor, Lebanon County Career and Technology Center
Tiffany Houtz - Veterinary Assistant Instructor, Dauphin County Technical School

Penn State CTE Professional Academy participants share successful lessons they developed during their involvement with the Academy. All lessons emerged from brain-based learning strategies, including retention and motivation techniques. A veterinary assistant instructor's lesson combines brain-based learning with the implementation of new curriculum. How the brain works and retains information will be the topic of a dental assistant instructor's lesson, and a culinary instructor will integrate brain-based learning strategies into a recruitment plan.

Seasons 2 **NCCER - The Standard for Developing Craft Professionals**

Katy Rittle - Director of Education & Workforce Development, NCCER and Associated Builders and Contractors of Western PA
Dennis McCarthy - Director, Western Area Career & Technology Center

Why do industry-recognized credentials matter? Educational institutions face many challenges and the marketplace is more complex than ever before. Growing accountability mandates, an uneven economy, and increasing workforce demands are challenging you to find new opportunities to prepare career-aspiring students for long-term gainful employment. NCCER sets the standard in construction education. Our training process includes accreditation, instructor certification, standardized curriculum, national registry, and certification as key elements for developing an educated and skilled workforce. NCCER is used nationwide by associations like the Associated Builders and Contractors (ABC) and their education partners to train and certify the safest and most talented professionals in the construction industry.

11:30 am - 12:30 pm (continued)

Seasons 3

ProStart in Pennsylvania - Preparing Students for Hospitality Careers

Hope Sterner - Director of Education, Pennsylvania Restaurant & Lodging Association
Educational Foundation

Greg Beachey - Senior Manager for Education and Training, National Restaurant Association
Educational Foundation

George Hendry - Culinary Arts Instructor, Monroe Career & Technical Institute

ProStart is a nationwide, industry-driven, competency-based program curriculum for high school students. During the two-year program, students learn culinary techniques and restaurant management skills, coupled with real-life restaurant sector experiences. During this session, the presenter will review the ProStart program, curriculum, and opportunities available to students.

Seasons 4

Teaching "Tough Kids" in CTE

Lynda Jackson - Director, Technology Centers That Work, Southern Regional Education Board

Marty Sugerik - School Improvement Consultant, Southern Regional Education Board

Are you working with "Tough Kids" in your career and technical classes? "Tough kids" are complex and comprise at least 12% of our student population – and numbers are on the rise. Managing their emotions and behavior presents educators with a spectacular challenge in schools today. This session will overview the profile of a "tough kid" and their challenge of poor executive functioning skills. Participants will learn proven, practical approaches (organizational, emotional, social and academic) to support these students.

Seasons 5

The Project: How Do We Start? How Do We Proceed? How Do We Score?

Dan Perna - Owner/President, James Daniel & Associates, LLC

Kim Cosklo - Cosmetology Instructor, Susquehanna County Career and Technology Center

Project-based learning is not new, but it is a rising educational trend across the United States. Without question, CTE programs provide a strong platform for the project approach. But many times, schools and teachers stop the movement toward the project-based learning approach because they are not sure how to consistently develop, provide a structure, and establish a grading procedure. In many cases, the product becomes the grading concern and the process lacks assessment. In this session, participants will learn ways to start, ways to proceed, and ways to score both the process and the product in projects. They will also learn ways to create consistency from teacher to teacher with project expectations. Participants will leave with ideas for structuring a project, ideas for working through the process, and ideas for assessing the entire project - not just the final product.

Hemlock Room

Articulations in the High School -- Motivating Students by "Making it Real"

Tim Smith - Commercial and Advertising Art Instructor, Dover Area High School,
Dover Academy of CTE

One of the best ways to motivate students is by "making it real". This presentation will give you a look at how CTE programs can make courses more meaningful to students. It will focus on articulation agreements - how they are established, what they mean for you as a teacher, and how they can benefit both you and your students. Trace the steps of how one CTE program is making its program of study more meaningful to students by developing new articulations and business partners.

12:30 - 1:30 pm

Exhibit Hall

Lunch Buffet*Please remember your meal ticket.*

1:45 - 2:45 pm

Seasons 1

Competitions as Recruitment, Marketing and Educational Tools - Pros and Cons

Timothy Angert - Mechatronics Instructor, Western Area Career and Technology Center

The number of academic competitions targeted for CTE programs is growing. They can function as valuable tools in the teacher's toolbox by helping to engage students in the learning environment as well as teaching them numerous career and technical skills. Competitions also can have drawbacks. This session will present the pros and cons of competitions -- specifically their potential academic value, time requirements, and usefulness in program marketing, development, and student engagement.

Seasons 2

National Certification - The Pathway to Success

Laura Flynn - Senior Certification Specialist, National Healthcareer Association

Beverly Brady - Medical Assistant Program Supervisor, Indiana County Technology Center

Join us for an informative session with the nation's leading allied healthcare certification provider. Learn how to incorporate national certification into your health science pathways to ensure your students' success in the healthcare workforce. We will introduce NHA's eight national certification exams in high-demand fields and share a case study from Indiana County Technology Center where they have successfully incorporated the certification process into their health science pathway, ensuring workforce readiness.

Seasons 3

The Positive Impact of e-Learning

Joe Zahra - Educational Consultant, Electude USA - NY Region

Electude is the world's leading automotive e-learning company. Through the use of exciting, interactive animations and simulations, Electude game-based learning is the most effective and fun learning method in automotive education. This presentation about automotive e-learning will give attendees new ideas, challenge common practices, and provide insight into how others address challenges. It will focus on concepts that attendees can apply to their own educational settings. Electude has clients in over 50 countries, and in the past three years, more than 500 U.S. schools have adopted their automotive e-learning solution.

Seasons 4

Technology Foundations: Digital Responsibility and STEM Readiness

Amber Osuba - School Implementation Manager, EverFi

Todd Hoffman - Director of Technology, The Environmental Charter School at Frick Park

Looking to integrate technology in your classroom in a safe and responsible way? EverFi is a leading education technology company focused on certifying students in critical skills. In this session, participants will preview a few of our FREE blended online learning resources: *Radius - STEM Readiness* and the NHL-sponsored *Future Goals* program. The *Future Goals* program is committed to sparking student interest in STEM topics and helping students become college-ready, career-ready, and life-ready. Participants will walk away with the tools to implement these no-cost STEM resources in their classrooms.

1:45 - 2:45 pm (continued)

Seasons 5

From Parts to Priceless

Patrick Canavan - Special Education Facilitator, Steel Center AVTS

This presentation will provide an overview of how a custom car project at Steel Center was developed from start to finish, to include all levels of learners and learning styles. The culmination of this project was entry into the Pittsburgh World of Wheels Custom Car Show. We will share the final results during the presentation!

Hemlock Room

"Dining at the White House" Comes Alive in CTE

Linda Moyer - Academic Integration Instructor, Bethlehem Area Vocational-Technical School

Susan McCaughin - Culinary Arts/Event Planning Instructor, Bethlehem Area Vocational-Technical School

Connie Muschko - School-To-Career Coordinator, Bethlehem Area Vocational-Technical School

Brian Williams - Executive Director, Bethlehem Area Vocational-Technical School

Bringing project-based learning to life is the buzz in CTE. Former White House Chef John Moeller's personal story that started as a Culinary Arts student in Lancaster, PA, captured and inspired students to turn their school restaurant into an authentic White House dining experience. New technology that uses augmented reality to make John's story and recipes come alive will be demonstrated with integration of academics at a level never seen before.

Please stop at the conference registration desk (Stag Pass) to pick up instructions on how to download the app for the augmented reality posters that will be used during this presentation.

2:45 - 3:15 pm

Exhibit Hall

Break

Super Sundae - hand-dipped vanilla ice cream with assorted toppings, soft drinks, and bottled water

Take this opportunity to visit the educational and commercial exhibits and enjoy a mid-afternoon refreshment break. Don't forget to place your completed "prize tickets" from your registration packet into the containers next to the prizes that you would like to win!

3:15 - 4:15 pm

Seasons 1

March2Success: Free Online Math, English, and Science Tutoring Program

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

Developed by Peterson's and College Options Foundation, March2Success is a free, Army-sponsored, online interactive tutoring program. It helps students improve proficiency in high school math, science, and English, and prepare for standardized tests including the SAT, ACT, and Keystone Exams. March2Success is not just for students – educators, coaches, and parents can create their own accounts and monitor students' progress. This session includes a demonstration of the newly-designed Science Hub with content focused on STEM skills.

3:15 - 4:15 pm (continued)

Seasons 2

Single Parents - A Perkins Special Population That Needs Your Support and Understanding

Karen Rivosecchi - Instructor, IUP Center for Career and Technical Personnel Preparation
Frank Raypush - Building Construction Instructor, Butler County Area Vocational-Technical School

The Carl Perkins Act includes single parents among the special populations groups to be served through the Act. Career and Technical Education can make the difference in the life of a single parent and his/her child. It can make gainful employment and self-sufficiency a reality for a young single parent. Is your career and technical classroom one where the single parent can thrive and find success? Hear one family's story about the difference the right environment can make for the single parent and child. Resources will also be shared.

Seasons 3

Approved Program Evaluation Process Training

Jean Kelleher - Manager, Program Standards & Quality Assurance, PDE-Bureau of Career and Technical Education

Come and learn the process to prepare for an Approved Program Evaluation (339). Attendance at this workshop will also allow you to be a volunteer to assist PDE with school visits.

Seasons 4

Financial and Career Readiness: The Blended Learning Approach

Amber Osuba - School Implementation Manager, EverFi
Todd Hoffman - Director of Technology, The Environmental Charter School at Frick Park

Are your students equipped with the critical life skills they need to thrive beyond the classroom? EverFi is a leading education technology company focused on certifying students in critical skills. From financial literacy to digital citizenship and business planning, EverFi online courses help tackle the career and college-preparedness issues facing students today. Participants will preview our no-cost online courses and learn how to integrate these resources into their CTE classrooms to enhance curriculum and student engagement.

Seasons 5

A Bridge to Nowhere

Mark Krupa - Instructor, Greene County Career & Technology Center

Learn how a CTC teacher created a project-based lesson that generated considerable engagement in his classroom. He challenged his students to research the most effective and cost efficient method to build "a bridge to nowhere". Students had to design, build and test a scale model concrete bridge. This project was developed using the Enhanced CTE design and students used their math, literacy, science, building construction and 21st-century skills to solve the problem.

3:15 - 4:15 pm (continued)**Hemlock Room Developing Successful Partnerships Between Business and Industry, the Community, and the CTE Classroom**

Alice Davis - Executive Director/Guidance Counselor, Susquehanna County Career & Technology Center

Bruce Castelli - Carpentry/Cabinetmaking Instructor, Susquehanna County Career & Technology Center

Heather Charles - Welding Instructor, Susquehanna County Career & Technology Center

Kim Cosklo - Cosmetology Instructor, Susquehanna County Career & Technology Center

This presentation will provide specific examples of how to connect with business and industry representatives to promote CTE programs, increase OAC membership, and produce skilled workers that are trained to meet industry needs. This presentation will also focus on the importance of giving back to the community through project-based learning activities and improving the image of CTE within the local community.

4:30 - 5:30 pm Association Meetings

Seasons 2 PA Association of Career and Technical Education (PACTE) - Special Populations General Membership Meeting

Seasons 3 PA Association for Career and Technical Education (PA-ACTE) General Membership Meeting

Seasons 4 PA Cooperative Education Association General Membership Meeting

6:00 pm**Grand Ballroom Professional Networking**

Join us for an opportunity to meet old friends and make new professional connections. All are welcome!

6:30 pm**Grand Ballroom Dinner**

Please remember your meal ticket.

Pennsylvania Career and Technical Education Theme Poster Contest Award Presentation

PA-ACTE Awards and Recognition

Thomas W. O'Brien Memorial Scholarship Award Presentation

7:00 - 8:00 am

Seasons Lobby

Continental Breakfast*Coffee, tea, and pastries. No ticket required.*

8:00 - 10:15 am

Stag Pass

Registration

8:15 - 9:15 am

Seasons 1

What Do These Standards Mean?

Daniel Perna - Owner/President, James Daniel & Associates, LLC

Ken Hassinger - HVAC Instructor, Central PA Institute of Science and Technology

Michael Holtzinger - Heavy Equipment Instructor, Central PA Institute of Science and Technology

MaryAnn Volders - Director of Secondary Education, Central PA Institute of Science and Technology

Many times the greatest frustration for the integration of academic standards into lessons is that teachers are not confident about what the academic standards actually mean. Reading teachers can easily know what literacy standards are saying. Math teachers can easily know what math standards are saying. However, teachers beyond reading and math cannot always decipher what a standard is actually saying. This session will focus on a system to help teachers know what standards actually say in the context of learning outside of reading and math. Participants will leave with a list of ideas to help them determine when standards can be used with their content.

Seasons 3

Paving the Way for Future Success in the Community

Richard Capraun - Workforce Education and Development Instructor, Penn State University

Shawn Eckenrode - Workforce Education and Development Instructor, Penn State University

Steve Livergood - Workforce Education and Development Instructor, Penn State University

Have your OACs been lacking active participation? CTEs can have actively-engaged Occupational Advisory Committee members by making involvement a two-way street. Best practices will be presented at multiple levels through discussion and information.

Seasons 5

Embedding Soft Skills/Employability Skills Training in the CTE Curriculum

Steven Park - Business and Marketing Program Specialist, PDE-Bureau of Career and Technical Education

Soft skills/employability skills training is essential for the success of CTE students. This presentation provides ideas for how to embed this type of skill training into curriculum content and delivery as well as in the overall atmosphere of a CTE program.

9:30 - 10:30 am

Seasons 1

The Benefits of Yoga and Meditation in CTCs

Thomas Viviano - Administrative Director, West Side Career & Technology Center
 Lisa Cuffari - Dental Assistant Instructor, Middle Bucks Institute of Technology

Come to learn about how yoga and meditation can benefit instructors and students in the CTE environment. Studies show that mindfulness, meditation, and yoga help people to manage anger more effectively, experience less fatigue, and improve concentration. Classroom benefits include better behavior and increased academic performance and attendance. Personal benefits include better blood circulation, less episodes of rumination and intrusive thoughts, improved sleep, and an overall increased feeling of well-being and less stress. Learn about one teacher's experience with yoga, mindfulness, and meditation, and how they have helped to improve her focus throughout the day and her ability to endure the stress and tension of being a classroom teacher.

Seasons 3

Building an Effective Advisory Committee

Lynda Jackson - Director, Technology Centers That Work, Southern Regional Education Board

A characteristic of a high-quality CTE program is its close ties with business, industry and labor, in the form of an advisory committee. Effective advisory committee members know that something positive will occur as a result of their work. This session will allow participants to self-assess their current status with their committees and identify areas of need. Strategies will be shared on how to ensure that committees advise programs on the design, development, implementation, evaluation, maintenance and revision of their CTE programs.

Seasons 5

At the Intersection of Education and Employment: Innovative Strategies for High School Students

Cindy Evans - Youth Program Manager, Lehigh Valley Workforce Investment Board, Inc.
 Nancy Dischinat - Executive Director, Lehigh Valley Workforce Investment Board, Inc.

In the Lehigh Valley, we use innovative strategies to engage high school students in career exploration, continuing education and training, and employment. Join us as we share some of our strategies of building relationships to align our economic development partners, our workforce system, and our Pre-K to 16 educational pipeline.

Hemlock Room

The CTE Cluster Program in Comprehensive Schools - Pros and Cons

Samuel Yun - Regional Resource Associate, Temple University
 Yaniv Aronson - Audio Visual Communications Instructor, Temple University
 Colleen Yaremko - Communications Technology Instructor, Northeast High School

What is a CTE cluster program? And what are the ways to adapt it for a comprehensive high school? Cluster programs offer a broader range of subject areas for students to explore and they provide opportunities for them to achieve multiple certifications. The ultimate goal of a cluster program is to help students to be better prepared for career and post-secondary direction. In this session, we will focus on the concepts of implementing a cluster program.

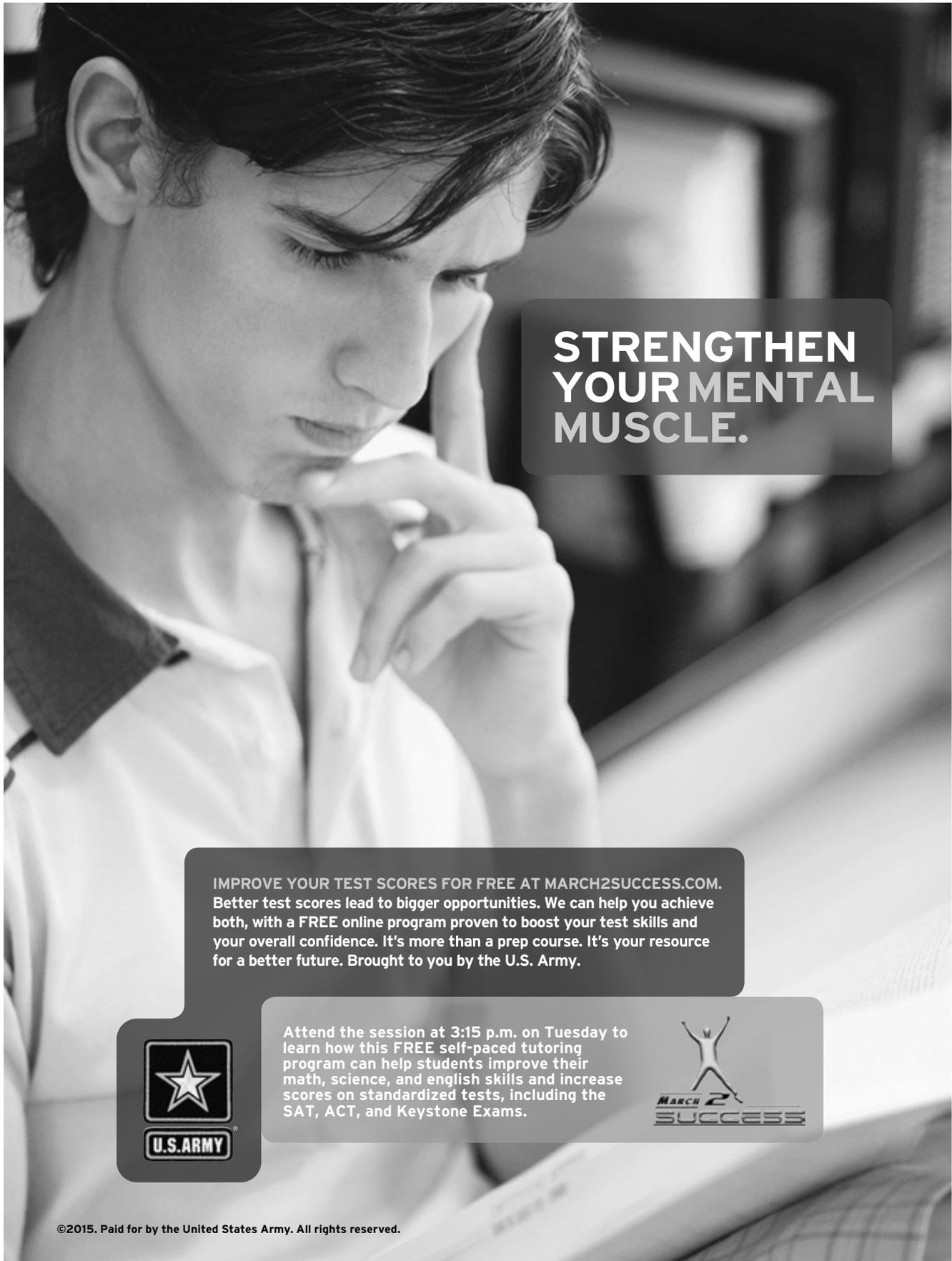
10:45 am - Noon

Grand Ballroom

Brunch and Closing General Session

Please remember your meal ticket.

Speaker: Lee Burket - Director, PDE-Bureau of Career and Technical Education
 Awarding of Prizes



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For a chance to win a prize, deposit completed tickets from your registration packet into the containers next to the items you want to win. Names of the winners will be posted inside the Grand Ballroom when you arrive for brunch on Wednesday and prizes distributed at the conclusion of the brunch. Prize winners must be present to claim their prizes. Thank you to the companies and schools for your generous donations!

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American Technical Publishers.....	Tom Wise.....	Books
Educational Solutions Enterprises.....	Kurt Maly.....	USB pen
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PassAssured, LLC.....	Lois Forsyth..... Brianna Meadows	On-line program for one student (\$299 scholarship)
Pittsburgh Technical Institute.....	Vince Gratter.....	Shirt
U.S. Army Recruiting.....	Mark Mazarella.....	iPod nano

Schools

Beaver County Career & Technology Center.....	Laura DeVecchio.....	Birdhouse Wooden toolbox
Berks Career & Technology Center and Reading Muhlenberg Career and Technology Center.....	Gerald Witmer.....	TBD
Greene County Career & Technology Center.....	Karen Pflugh.....	Horseshoe wine rack Meat tenderizer
Lehigh Career & Technical Institute.....	Dana Torok.....	Silk floral arrangement Machine Peg Game Jewelry Box
SUN Area Technical Institute.....	Doug Bertanzetti.....	Item from Advanced Wood Products class
Susquehanna County Career & Technology Center.....	Alice Davis.....	Adirondack chairs Folding table Wooden clock
West Side Career & Technology Center.....	Thomas Viviano.....	Meat tenderizers (2)
Western Area Career & Technology Center.....	Mary DeProspero-Adams.....	TBD
York County School of Technology.....	Scott Rogers.....	Cookbook First aid kit T-shirts Quilted pillow Wood projects Ornamental iron wall hangings (4) Trailer hitch covers (2)

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Hiram G. Andrews Center	Kristina Bell
IUP Academy of Culinary Arts	Enid Resnic
IUP Center for Career and Technical Personnel Preparation	Barney Knorr
Keystone Technical Institute	David Snyder
PA Association for Career and Technical Education (PA-ACTE)	Gerald Reichard
PA Association of Career and Technical Administrators (PACTA)	Jackie Cullen/John Pulver
PA Association of Career and Technical Education-Special Populations (PACTE-Special Populations)	Ruth Liebold
PA Cooperative Education Association (PCEA)	Warren Steigerwalt
PA Department of Education, Bureau of Career and Technical Education	Del Hart
PA Higher Education Assistance Agency (PHEAA)	Jayeann Harr
PA Liquor Control Board (PLCB)	Suzanne Volpe
PA State Education Association, Department of Career & Technical Studies (PSEA-DCTS)	David Dayok
Penn State University	Marybeth Thompson
Pittsburgh Technical Institute	Vince Gratter
Susquehanna County Career & Technology Center	Alice Davis
Temple University	Gloria Heberly
Triangle Tech	Katie Bischak
U.S. Army Recruiting	Mark Mazarella

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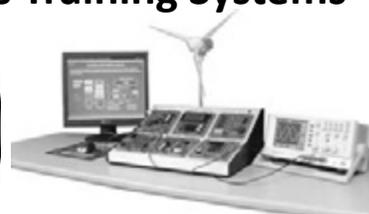


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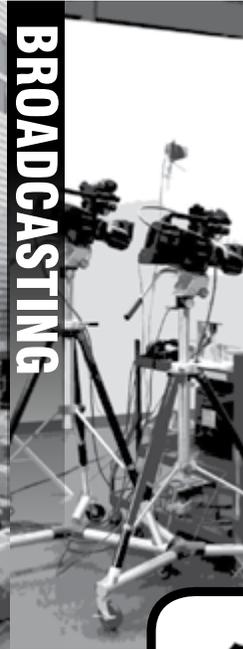
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