

PA•CTEC 2007

CONNECTING EDUCATION & CAREERS



PENNSYLVANIA CAREER & TECHNICAL EDUCATION CONFERENCE



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

June, 2007

On behalf of the Pennsylvania Department of Education, Bureau of Career and Technical Education, welcome to the thirty-third annual Pennsylvania Career and Technical Education Conference. I commend you for your commitment and dedication to your profession and to your students.

Pennsylvania's future depends on a workforce that can compete in today's global economy. Workforce preparation requires that our graduates are prepared with skill and knowledge that ensure success in high skill occupations that provide life sustaining wages. The standard of preparation that has been established is to ensure our Career and Technical Education programs prepare our students for college and career success.

This year the conference will incorporate new features to expand professional development opportunities. Technical updating seminars that focus on specific needs of selected occupational areas and over fifty concurrent sessions covering various educational topics will provide you with information and resources to help you prepare students to meet the challenges and demands of the global workforce.

The Bureau, and all of the participating organizations for PA•CTEC, hope that you find your time at the conference to be educationally rewarding and enjoyable.

Sincerely yours,

Lee Burket, Ed.D.
Director
Bureau of Career and Technical Education

Policy Committee

Theodore Piwowar, Chairperson
Pennsylvania Association of Career and Technical Administrators

Joseph Defranco
Pennsylvania Association of Career and Technical Education

Martin Gyomber, Treasurer

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Pennsylvania Department of Education
Bureau of Career and Technical Education

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Vocational and Practical Arts Educators

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Alice Davis
Commercial and Educational Exhibits

William Henry
Commercial and Educational Exhibits

Career and Technical Education
Professional Personnel Development Center Representatives:
Franklin Elliott, The Pennsylvania State University
Gloria Heberley, Temple University

Sponsoring Organizations

Pennsylvania Department of Education, Bureau of Career and Technical Education (PDE-BCTE)

Pennsylvania Association of Career and Technical Administrators (PACTA)

Pennsylvania Association of Career and Technical Education (PA-ACTE)

Pennsylvania State Education Association, Vocational and Practical Arts Educators (PSEA/VPAE)



**Opening General Session
Wednesday, June 27, 2007**

Lee Burket, Ed.D.
Director
Pennsylvania Department of Education, Bureau of Career and Technical Education

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. Currently, Dr. Burket is the Director of the PA Department of Education, Bureau of Career and Technical Education.

Prior to working at the PDE, Dr. Burket 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.

**Opening General Session
Wednesday, June 27, 2007**

M. Catherine Ashmore, Ph.D.
Executive Director
The Consortium for Entrepreneurship Education
<http://www.entre-ed.org>



Dr. Ashmore is a nationally recognized leader in entrepreneurship education. She has worked for over 25 years to encourage entrepreneurship instruction among career and technical educators and educational leaders in primary and secondary schools, colleges and adult education.

Dr. Ashmore initiated the Consortium for Entrepreneurship Education at Ohio State University in 1982, later establishing it as a nonprofit corporation in 1997. She currently serves as its executive director. The consortium, comprised of more than 20 state departments of education and 60 organizations nationwide, provides leadership in K-12 and adult entrepreneurship education that supports the development of entrepreneurship in the United States.

Her contacts extend both nationally and internationally. She is a member of the board of the International Council for Small Business and is past president of the United States Association for Small Business and Entrepreneurship (USASBE), the U.S. affiliate of the International Council for Small Business. In 2006, she received the Lifetime Achievement Award from USASBE in recognition of her contributions in building the field of entrepreneurship education. At the most recent Entrepreneurship FORUM, the Consortium Board initiated an award in her name, and honored her as the first recipient.



**General Session
Wednesday, June 27, 2007**

**Mr. Tony Palamone
Director
Indiana University of Pennsylvania Small Business Development Center**

Mr. Palamone has studied and worked extensively in business, marketing, and economic development. Prior to accepting the position with Indiana's Small Business Development Center, he operated his own consulting practice and was affiliated with the Southwestern Pennsylvania Economic Development District, Inc. (SPEDD) and Incubator Systems International, regional and world leaders in the development and management of business incubators. Additionally, he directed a community-based economic development corporation and Enterprise Zone Program in Pittsburgh's famed Steel Valley.

Mr. Palamone's background includes business and marketing consulting, teaching Entrepreneurship and Small Business Management at the university level, establishing and running a business loan fund, developing and writing business plans, grant writing and administration, managing and developing business incubators, operating a redevelopment authority, university based assistance to communities, directing a community-based development corporation, and city planning at the city and the county level.

**Dinner Keynote Speaker
Wednesday, June 27, 2007**

**Mr. Eric Chester
Founder & President
Generation Why, Inc.
<http://www.generationwhy.com>**



Mr. Chester is the premier expert on Generation Why; in fact, he coined the term. Gen Why students (those born after 1980) are entering school with a whole new set of attitudes, values and beliefs. A former high school teacher and coach, Eric has been working with youth all of his adult life. As America's top youth motivational speaker, he has personally addressed more than two million teenagers, and he is dialed-in to the mindset of this burgeoning generation.

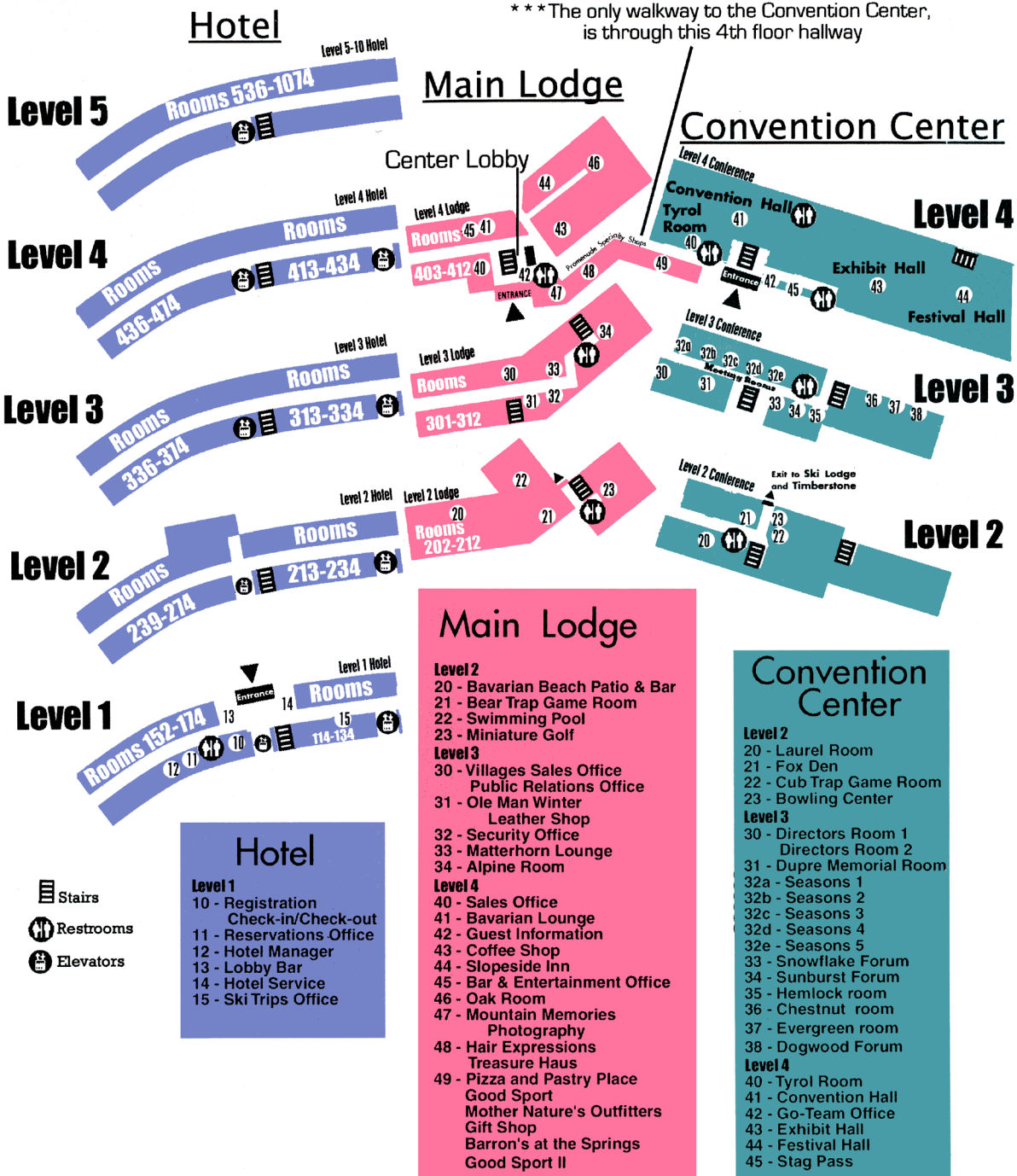
Eric is the Founder & President of Generation Why, Inc., a training and consulting firm offering insight, perspective and strategies to leading companies and educational organizations to help them connect with and lead this new generation. He is the author of 10 books for - and about - youth. He is a Certified Speaking Professional and a 2004 inductee into the CPAE International Speakers Hall of Fame. His long list of clients includes the National School Boards Association, the National Association of Secondary School Principals, and scores of other state, regional, and national educational organizations.



**Brunch Keynote Speaker
Friday, June 29, 2007**

**Mr. Peter Magnuson
Senior Director
Programs and Communications
Association for Career and Technical Education**

Mr. Magnuson is the Senior Director for Programs and Communications at the Association for Career and Technical Education in Alexandria, Virginia. In his role, he leads a dedicated team of professionals in their quest to address the professional development and information needs of 30,000 educators. Mr. Magnuson is a graduate of Syracuse University with a degree in English and Journalism.



Opening General Session and Concurrent Sessions

10:00 a.m. - 5:00 p.m.

Stag Pass Registration

12 noon - 1:15 p.m.

Convention Hall **Opening General Session**

Welcome - Mr. Theodore Piwowar, Chairperson
PA•CTEC Policy Committee

Keynote Address - Dr. Lee Burket, Director
PDE, Bureau of Career and Technical Education

Keynote Address - Dr. M. Catherine Ashmore, Executive Director
The Consortium for Entrepreneurship Education

1:15 p.m. - 2:15 p.m.

Convention Hall **General Session**

Mr. Tony Palamone, Director
IUP Small Business Development Center

Mr. Mike Huml, President/CEO
Slowboy Racing, Inc.

2:30 p.m. - 3:30 p.m. - Concurrent Sessions

Seasons #2 **Encouraging Professionalism: Spotting and Preventing Student Sexual Abuse**

Chester C. Kent, Ph.D., J.D. - Tri-State Area School Study Council, University of Pittsburgh

This session will focus on encouraging professionalism by teaching teachers and other school leaders how to avoid behavior with students that crosses professional boundaries and generally results in unethical, inappropriate teacher/student involvement and sexual exploitation.

Seasons #3 **"Tough Choices or Tough Times" and Learning in the Tech Environment**

This session is also being offered on Thursday at 2:15 p.m. (Seasons #3)

Daniel Perna - James Daniel & Associates, LLC

The "Tough Choices or Tough Times" report from the New Commission on the Skills of the American Workforce has challenged the thinking of educators in much the same way that "A Nation At Risk" and the SCANS report did almost 20 years ago. The December 2006 report states that strong math and science skills will not be enough in order for our students to be able to compete with those in other countries such as India and China. Schools must go one step further to open doors to the workplace and a better American economy. The new challenge facing career and technical educators is learning how to develop the next inventors and developers of technology. This session focuses on the "Tough Choices or Tough Times" report and presents strategies that will lead students toward learning to create and innovate while still mastering the basics.

2:30 p.m. - 3:30 p.m. (continued)

Seasons #4

The "A" List: High Priority Occupations and Workforce Development Funding

William Ceriani - Center for Workforce Information and Analysis
PA Department of Labor & Industry

Public funds for education and training are always scarce. Local Workforce Investment Boards direct their funds for training to occupations that are most likely to provide family-sustaining wages and that have a strong potential for employment and career advancement. These occupations are designated as High Priority Occupations. During this session, you will learn how to petition to have an occupation added to the HPO list and where to find the supporting information to make the petition process successful.

Seasons #5

The Open Source Software Option

Franklin E. Elliott - The Pennsylvania State University

The cost of new educational software, upgrades for existing software, and the exorbitant fees for technical support have become a very large piece of the CTE budget pie. Staying ahead of the software development curve is also a daunting task, further hampered by the general inability to customize commercial products. This session will include a discussion on open source software and how it may cost-effectively address many CTE technology needs.

Dupre Room

Post-Secondary Certifications for Technicians in the Turfgrass and Agricultural Equipment Industry

William Harshman - The Pennsylvania State University

Employment opportunities in the outdoor power equipment industry involve more than small gas engine repair. The turfgrass and agricultural equipment industry, as part of the outdoor power industry, estimates more than 30,000 openings for certified technicians. Certified technicians with knowledge and skill in the application of power through mechanical and hydraulic drives with associated electrical and electronic controls are in demand. Penn State, through the Agricultural and Biological Engineering Department, offers an Outreach and Continuing Education certificate program in the Turfgrass and Agricultural Equipment area.

2:30 p.m. - 4:30 p.m.

Seasons #1

Engineering byDesign™ Has Come to Pennsylvania

William F. Bertrand - Pennsylvania Department of Education

Pennsylvania has become a member state of the International Technology Education Association's Center to Advance the Teaching of Technology & Science (CATTs) Consortium. Schools across Pennsylvania will have free access to products developed by CATTs known as Engineering byDesign™. Training on the products will be offered through the Governor's Institute for Technology Education and workshops developed and offered through California University of Pennsylvania and Millersville University. Engineering byDesign™ products and how teachers can access them will be explained.

2:30 p.m. - 4:30 p.m. (continued)

Snowflake
Forum

Homes of Hope

Robert Getz - Keystone Central Career and Technology Center
Kristin Brandt - Keystone Central Career and Technology Center
Casey Poff - Keystone Central Career and Technology Center

Through the cooperative efforts of the students in the academic and career and technical programs at Central Mountain High School, students planned, raised funds, constructed and transported a house 1,200 miles to a family displaced by Hurricane Katrina. This session will focus on how that was accomplished and what your school can do to make a difference in the lives of other people devastated by natural disasters. For more information go to www.kcsd.us/homesofhope.

Sunburst
Forum

The Changing World of Special Education

Bernie Miller - Pennsylvania State Education Association

What have current legislation, regulations, and court settlements done to change special education? How does it impact the career and technical educator now and what does the future hold? Learn about Least Restrictive Environment (LRE), Highly Qualified (HQ), Individuals with Disabilities Education Act (IDEA), Gaskin, and other current issues.

3:45 p.m. - 4:45 p.m.

Seasons #2

Connecting Careers and Academics

Lauren Dymkowski - Career Solutions Publishing Group

Integration of careers and academics is an essential component of today's classrooms because once students begin a career, their success will depend on their ability to apply academics on a day-to-day basis. Also, students learn best when they can connect classroom concepts to something they know and care about. Since many high school students work part time, an outstanding opportunity exists for teachers to connect career education with academic concepts. This session demonstrates how integration can be successfully implemented in any classroom.

Seasons #3

Mondialogo Intercultural Dialogue - Meeting Students and Teachers in Rome, Italy

Sandy Niggel - A.W. Beattie Career Center

Learn how to utilize the Mondialogo School Contest to energize students. In the contest, your school is paired with a school from a foreign country. Students exchange dialogue, ideas, and cultural information to create a joint project. Each year, a student and a teacher advisor are selected from 25 finalists to meet for a multicultural symposium. Share in the excitement as we share our delight in meeting our partner team and the other finalists in Rome, Italy!

3:45 p.m. - 4:45 p.m. (continued)

Seasons #4 ASVAB: A FREE Career Exploration Program

Angie Duarte - Harrisburg Military Entrance Processing Station

Life is a journey; guide your students to the possibilities. The presentation will demonstrate one of the most widely used career exploration programs, the ASVAB Career Exploration Program. This comprehensive career exploration and planning program includes an interest inventory and other activities designed to help students explore the world of work and gain confidence in making career decisions. Results of the aptitude test and the interest inventory empower students to evaluate their skills, estimate their performance in academic and vocational endeavors, and identify potentially satisfying careers. This program is free of charge and provides both web based and printed materials to help students consider their results and explore possible career choices. This presentation is for school officials who work with students in the 11th and 12th grades, as well as students in post-secondary schools.

Seasons #5 Smart Futures Toolkit for Implementing the PA Career Education and Work StandardsJennifer Lundy - Smart Futures
Romy Banks - Smart Futures

The new Pennsylvania Academic Standards for Career Education and Work require schools to implement programs that allow them to integrate career development in all academic disciplines. Join us for a guided tour of Smart Futures programs that motivate and enable students to more effectively understand how their individual skills and achievement correlate with opportunities for employment.

Dupre Room Perkins IV - 2007-2008 Transition Year Implementation

Frank DiNatale - PDE, Bureau of Career and Technical Education

The Carl D. Perkins Career and Technical Education Improvement Act of 2006 (Perkins IV) is now law and changes in the legislation will impact career and technical education in Pennsylvania. During this presentation, a Pennsylvania Department of Education, Bureau of Career and Technical Education official will explain these recent changes and the Bureau's 2007-2008 transition year implementation plan.

6:00 p.m.

Convention Hall Professional Networking Opportunity

Hall

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

6:30 p.m.

Convention Hall Dinner

Hall

Keynote Speaker - Eric Chester, Founder & President, Generation Why, Inc.
"The Aliens Have Landed - Meet Generation Why"

7:00 a.m. - 5:00 p.m.

Stag Pass Registration

8:00 a.m. - 4:00 p.m.

Technical Updating Seminars
Concurrent Sessions

9:00 a.m. - 6:00 p.m.

Exhibit Hall Educational and Commercial Exhibits

8:00 a.m. - Technical Updating Seminars begin; Ending times vary.

While many of these seminars are designed for specific occupational areas, any conference participant may attend. However, those who have pre-registered will have priority seating and first opportunity to receive instructional materials provided by the presenter.

8:00 a.m. - 10:15 a.m. Technical Updating: Information Technology

Seasons #3

Part A: 21st Century Digital Threats (8:00 a.m. - 9:00 a.m.)

LeAnn Wilkie - Associate Professor, Technology Support and Training Department, IUP Eberly College of Business and Information Technology

This seminar will explore various forms of digital threats including online identity theft, social engineering, trojan keyloggers, and other methods of stealing personal identity data and financial accounts. Pharming attacks, which misdirect users to fraudulent web sites, and the impact of these attacks and ways to prevent them, will be presented.

Part B: Video and Voice over IP (VoIP) Technologies (9:15 a.m. - 10:15 a.m.)

Dennis P. Muir - Cisco Systems, Government & Education Account Manager for Western PA

This presentation will provide an educational overview of the recent developments in voice and video over internet protocol (IP) technologies; the technologies available for creating a live, face-to-face meeting experience over the network; the integration of voice, video and data networks; new protocols optimized to deliver these communications; and why video telephony might finally gain widespread adoption.

8:00 a.m. - 3:00 p.m. Technical Updating: Biotechnology Education

Seasons #2

Ellyn A. Daugherty - Biotechnology Educator, San Mateo Biotechnology Career Pathway

Part A: Biotechnology: Good for Everybody

In this session, by combining discussion, demonstration, and lab activities, participants will learn of key issues in starting a biotechnology program.

Part B: Fun with Pipets and Micropipets – Mastering Volume Measurement

In this hands-on session, participants will use a variety of pipets and micropipets to learn strategies for teaching students how to measure volumes of liquid. Participants will learn to use graduated tubes and electronic balances and other tricks to check their own and their students' measurements. Discussion of how and where to teach volume measurement will be included.

8:00 a.m. - 3:00 p.m. Technical Updating: Child Development Associate (CDA)

Dogwood Forum Susan Mitchell - PDE, Office of Child Development and Early Learning
Lydia Hess - FCS Program Specialist, PDE, Bureau of Career and Technical Education

The Child Development Associate Ready Certification seminar is for teachers who are aligning their Family and Consumer Sciences (FCS) child development course or their occupational child care program to the CDA standards. FCS child development programs do not have to have the approved occupational program status to take advantage of this pre-certification. This is a follow-up to several sessions that have been offered previously. The CDA Ready Certificate Verification Form and the preschool and the infant and toddler CDAs will be discussed.

8:00 a.m. - 3:00 p.m. Technical Updating: Programmable Logic Controller (PLC)

Evergreen Room Joey Bowen - Sales Director, FutureTek, Inc.

This seminar is sponsored by Advanced Technologies Consultants, Inc. and presented by FutureTek, Inc. Topics to be covered include PLC familiarization and overview, making PLC understandable and enjoyable, and various software features.

8:00 a.m. - 3:30 p.m. Technical Updating: Cosmetology

Hemlock Room **Part A: Update (8:00 a.m. - 10:00 a.m.)**

Susan Rineer - Chair, State Board of Cosmetology

Updated information on cosmetology licenses, limited licenses, teacher licenses and limited teacher licenses will be provided. Participants will have an opportunity to get specific answers during a question/answer session.

Part B: American Cancer Society Look Good...Feel Better Program (10:30 a.m. - 12:30 p.m.)

Lisa Lotito - Senior Cancer Control Specialist, American Cancer Society
Sandy Zak - Look Good...Feel Better Trainer, American Cancer Society

This session includes an overview of the American Cancer Society and the Look Good...Feel Better program and how licensed cosmetologists can volunteer for this valuable and rewarding program. Look Good...Feel Better is a free program for women undergoing cancer treatment that helps them deal with treatment side effects. A class demonstration and video presentation will be included.

Part C: Milady Standard Cosmetology (1:30 p.m. - 3:30 p.m.)

Lisha Barnes - Contributing Author, Milady Standard Cosmetology

This portion of the seminar will highlight the changes in the 2008 Milady Standard Cosmetology and demonstrate the value of the full range of supplements created for instructors and students.

8:00 a.m. - 3:00 p.m. Technical Updating: Welding Technology

Chestnut Room Kerry Sabo - Pennsylvania Education Manager, Lincoln Electric

Lincoln Electric will train instructors on the latest developments in welding technology. Live demonstrations and hands-on activities will be included. Time will be spent on using Lincoln Electric's educational program "No Teacher Left Behind" as an instructional tool.

8:00 a.m. - 4:00 p.m. Technical Updating: Horticulture & Landscaping Panel Presentation and Activity

Laurel Room Margaret O'Neal - Director of Education and Certification, PA Landscape & Nursery Association
Dennis Bealer - Curriculum Designer
Patrick Meinert - Owner, Meinert Landscaping
PA Department of Agriculture Representative
Greg Smith - Teacher, Middle Bucks Institute of Technology
Thomas Wambaugh - Owner, Waterfall Gardens
Chris Weller - Agriculture Education Advisor, PDE-Bureau of Career and Technical Education

In the morning, the presenters will focus on the Pathways Through Horticulture curriculum. Participants will learn how to use this curriculum to prepare their students for a new high school certification test currently being developed by PLNA for high school students. The new Pathways Through Landscaping—Installation, Maintenance & Irrigation curriculum will also be discussed.

The afternoon session will allow participants to rotate through four or more hands-on landscape skills included in the Certified Landscape Technician test. Those who attend this session and have experience in the horticulture field will be able to take the PCH certification exam on Friday, June 29, 2007, from 9:00 a.m. – 12 noon, Chestnut Room, Seven Springs.

Concurrent Sessions

8:00 a.m. - 9:00 a.m.

Seasons #1 **What's In Your Wallet?**

Mary Beth Enggren - PA Department of General Services
Scott E. Pepperman - PA Department of General Services

"What's In Your Wallet?" is designed to ensure that your facility is making the best possible use of the purchasing tools provided by the Pennsylvania Department of General Services. Whether you are looking for a new computer through COSTARS, or shop and trade equipment through surplus, keeping our programs in your wallet is sure to increase your purchasing power.

Seasons #3 **21st Century Digital Threats**

This session is one of the Technical Updating Seminars for specific occupational areas but because of the possibility of its broad appeal, it is also being offered to all conference participants as a concurrent session. Priority seating will be given to those who pre-registered for the technical updating seminar.

LeAnn Wilkie - Associate Professor, Technology Support and Training Department, IUP Eberly College of Business and Information Technology

This seminar will explore various forms of digital threats including online identity theft, social engineering, trojan keyloggers, and other methods of stealing personal identity data and financial accounts. Pharming attacks, which misdirect users to fraudulent web sites, and the impact of these attacks and ways to prevent them, will be presented.

8:00 a.m. - 9:00 a.m. (continued)

Seasons #4

Multi-Hazard Emergency Planning: Are You Compliant? Are You Sure?*This session is also being offered on Friday at 8 a.m. (Seasons #5)*

William Hall - Fire Protection Instructor, Lancaster County Career and Technology Center

Timothy Bianchi - Principal, Willow Street Campus, Lancaster County Career and Technology Center

John B. Sweigart, Jr. - Law Enforcement, Corrections and Security Instructor, Lancaster County Career and Technology Center

This multi-media interactive session will describe the need for a response plan in every school to deal with the variety of unusual events that disrupt the normal day-to-day operation of our schools, anything from a simple water main break to an active shooter. We'll show you how to get started, how to comply with NIMS, where to find help, and how to succeed. School administrators, teachers, school nurses, and anyone involved in planning for a school crisis response will find this presentation particularly relevant.

Seasons #5

Integration Models

Cynthia Pellock - The Pennsylvania State University

Paul Livermore - Crawford County Area Vocational-Technical School

Todd Luke - Lenape Vocational-Technical School

Chyleen Sloan - York County School of Technology

The new Perkins Act requires career and technical programs to demonstrate that students achieve reading, writing, and mathematics standards while they spend part of their school day in CTE. This workshop will feature the strategies used by three schools to ensure academic education occurs in conjunction with CTE. Panelists will discuss the Academy model, the Math-in-CTE model, and the MAX Strategies instructional model.

8:00 a.m. - 10:15 a.m.

Snowflake
Forum**Are Your Students Practicing Learning for the 21st Century?**

Cosmas Curry - Columbia-Montour Area Vocational-Technical School

Daniel Perna - James Daniel & Associates, LLC

The Columbia-Montour Vocational-Technical School has a long term professional development program that leads teachers through specific pedagogical strategies. These strategies will lead students to learn how to learn. As part of this concept, the school has developed a procedural literacy model, an integrated curriculum design, an academic assistance program, and a focus on student learning. In this session, Dr. Perna and Mr. Curry will describe how the procedural literacy model and integrated curriculum are part of both an instructional and academic assistance program that leads to higher academic achievement. A core element in the program is the way administrators work with teachers and academic support staff to focus on learning. Administrators use data to define the program, are then trained in each program, and ultimately provide staff training. The administrative staff emphasizes that the new techniques are to be used on a sustained basis. Participants will see how professional development, teacher observations, and student data are used to determine if instructional techniques are helping students to be prepared to enter college and become life-long learners.

8:00 a.m. - 10:15 a.m. (continued)

Dupre Room Hate Group Recruitment: Targeting Kids and Teens

Michelle L. Gwinn - The Center for Safe Schools

This presentation will provide details of how hate groups target at-risk youth and entice them into joining these violent, racist groups. Participants will review websites, white power rock music, and racist video games, which are used to lure disenfranchised youth into becoming part of the hate group movement. Participants will also discuss the increasing involvement of our youth in hate-crime activity.

Sunburst Forum PA Pathways

James Lewis - PDE, Bureau of Career and Technical Education
Dan Johnston - PHEAA, Western Regional Director
Dick Steinmeier - PDE, Career and Technical Education Advisor
US Apprenticeship Program Representative

During this presentation, panelists will discuss implementation activities for the newly adopted Pennsylvania Career Education and Work Standards and Career Pathways. Participants will receive the Pennsylvania Pathways booklet, the Career Education and Work Standards wall posters, and student resources.

9:15 a.m. - 10:15 a.m.

Seasons #1 To Tell the Truth

Bob Piccirillo - IUP Intern; Culinary Arts Instructor, Indiana County Technology Center

New Teachers – Now that you have the job, there are a few things I think you should know. In “To Tell the Truth” you’ll hear from a veteran teacher about teacher motivation, student motivation, classroom attitude, daily schedules, the special needs population, working with the administration, dealing with parents, and much more. Time for questions, discussion, and ideas will be provided at the end of the session. The truth, the whole truth, and nothing but the truth.

Seasons #3 Video and Voice over IP (VoIP) Technologies

This session is one of the Technical Updating Seminars for specific occupational areas but because of the possibility of its broad appeal, it is also being offered to all conference participants as a concurrent session. Priority seating will be given to those who pre-registered for the technical updating seminar.

Dennis P. Muir - Cisco Systems, Government & Education Account Manager for Western PA

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9:15 a.m. - 10:15 a.m. (continued)

Seasons #4 **Games...Posters...and Resumes--Oh, My!**

Karen Rivosecchi - IUP Center for Career and Technical Personnel Preparation
Jon Krecota - Graphics and Electronic Media Instructor, Indiana County Technology Center
David Pusateri - HVAC Instructor, SCI Greene
LuAnn Stillwagon - Culinary Arts Instructor, Butler County Area Vocational-Technical School

Learn how three teachers, representing different occupational areas and classroom environments, developed activities and resources to support the Pennsylvania Career Education and Work Standards. The panel members will share their excitement as they talk about the unique approaches they used to meet the needs of their students. There will be an opportunity to talk with the presenters and view the outcomes of their projects.

Seasons #5 **A Menu of Work-Based Learning Activities for All Ages**

Cynthia Pellock - The Pennsylvania State University
Jim Burnworth - Keystone Central Career and Technical Center
Rob Getz - Keystone Central Career and Technical Center
Carol Watson - Williamsport Area School District

Pennsylvania Career Education and Work Standards create a road map for schools to provide career exploration and education activities for K-12 students. This workshop will feature a range of exercises and experiences that a school can implement in the elementary, middle and high school levels.

10:15 a.m. - 11:00 a.m.

Exhibit Hall **Beverage Break**

Coffee, herbal tea, Sanka, assorted diet and regular soft drinks and bottled water.

Use this time to visit the educational and commercial exhibits and to submit the ticket that you received in your registration packet in the container next to the item that you want to win.

11:00 a.m. - 12 noon

Seasons #1 **Meeting Employment Needs in Advanced Manufacturing and Biotechnology Through 2+2+2 Career Pathways**

Carmen Grosse - 2+2+2 Workforce Leadership Project Manager, Advanced Manufacturing Career Collaborative, New Century Careers
Chandler Casey - Student graduate of 2+2+2 WLG Program, Employed by Wabtec
Scott Dietz - Manager, Workforce Initiatives, Catalyst Connection
Joan Schanck - 2+2+2 Workforce Leadership Biotechnology Project Manager; Director, Education and Workforce Development, Pittsburgh Tissue Engineering Initiative (PTEI)
Thomas Trumble - Human Resources Manager, Kurt J. Lesker Company

In an effort to meet the critical shortage of highly skilled workers in advanced manufacturing and biotechnology, the Department of Community and Economic Development has funded a 2+2+2 career pathways initiative. The goal of this initiative is to train a highly skilled workforce in the Commonwealth in a short amount of time, beginning at the secondary career and technical centers with articulation agreements to community colleges and 4-year institutions. Learn about successful recruitment strategies, student activities, articulated curricula, and industry success stories.

11:00 a.m. - 12 noon (continued)

Seasons #3

Focused Education + C-Tech Certification = Outstanding Career Opportunities

Justin Mickey - Huntingdon County Career and Technology Center

The communications marketplace is exploding! Phone companies want to provide TV and data; cable TV companies want to provide voice and data. Technicians are needed with the hands-on skills to hook everybody up to the network. Hear how the industry recognized C-Tech certifications in copper, fiber optics, phone systems, and home audio are helping students land good jobs that lead to good careers.

Seasons #4

The Effect of Using Computer-Assisted Instruction in Comparison with Teacher-Centered in Acquiring the Basic Skills of Technical Drawing

Muhammad Khaled Al-Alawneh - The Pennsylvania State University

This study investigated the effects of using computer-assisted instruction (CAI) versus traditional instruction to 7th grade vocational students in Jordan. Students were being taught the basic skills of technical drawing. The population of the study was the entire 7th grade student population in Irbid School District in Jordan (3,911 pupils). The sample of the study was chosen purposely from one private school which includes 60 male students. During a four-week period with two 45-minute classes per week, one group of 30 students was taught using the traditional method (teacher-centered) and the other group of 30 students was taught using the CAI method. Results indicate a statistically significant difference on the post-test between the two groups. This difference was in favor of computer-assisted instruction and may be related to the method of teaching.

Seasons #5

Keeping Learning in "Live Work": Operating School-Based Enterprises for the Good of Your StudentsCynthia Pellock - The Pennsylvania State University
Robin Verbeck - State College Area High School

School-based enterprises offer students opportunities to use their skills to provide services or produce goods for customers without leaving the school. These "live work" exercises allow the teacher to direct learning, while making school activities look and feel like real work situations. This session will feature several school-based enterprises and examine how they can be implemented to ensure that students achieve the necessary academic, technical, and employability skills.

Snowflake
Forum**"Can You See Your Future?"- A Career Awareness CD**James Coley - Southern Alleghenies Planning and Development Commission
Joyce Shull - Fulton County Area Vocational-Technical School

The Southern Alleghenies Workforce Investment Board developed a web-based, animated, interactive CD as a tool for area secondary teachers and guidance counselors to increase career awareness in their students. This presentation will outline the development of the CD which included input from employers, educators, and local students. In addition, the CD's content and method of distribution to schools will be reviewed. Finally, local school representatives will discuss their plans for utilizing the CD.

11:00 a.m. - 12 noon (continued)

**Dupre Room Lesson Plans Online: Creating Your Own Class Web Page (Part 1)
Keeping It By The Book (Part 2)**

Thomas L. Abruzzese - Bethlehem Area Vocational-Technical School - Northampton Campus

The first part of this presentation will teach you how to easily design a web page for lesson plans, class photos, and other classroom materials. Part two of the presentation will help you simplify your attendance, grades, and competencies in one book using Microsoft Excel.

Sunburst Forum Cyber-Bullying/Cyber-Aggression
This session is also being offered this afternoon at 1:00 p.m. (Sunburst Forum)

Michael C. Bookser - Master Instructor for the Internet Safety Initiative, Center for Safe Schools

Posting provocative pictures and videos of their peers and making threats are just a few of the cyber-bullying techniques students are using to target other students. Parents, educators, law enforcement officers and other community partners are challenged with the task of working together to educate young people about the serious repercussions of this behavior. Many forms of bullying behavior will be examined and prevention strategies will be provided.

12 noon - 1:00 p.m.

Exhibit Hall Lunch

Join us in the Exhibit Hall for lunch where you will be able to build your own sandwich and choose from chips, cookies, fresh whole fruit, soda, and bottled water. The sandwich is pay-by-the-ounce and the sides are individually priced.

1:00 p.m. - 2:00 p.m.

Seasons #3 Act 1: Still Alive and Kicking

Tim Allwein - Assistant Executive Director, Governmental and Member Relations, PA School Boards Association

Many people believe that because voters in only nine school districts approved the Act 1 tax shift question, the Act has been rejected. Not true. This session will discuss the many provisions of Act 1 that still remain in effect, especially those that could have the most impact on career and technical education centers.

Seasons #5 Building a Work-Based Pathway for Transition to Post-Secondary Education

Cynthia Pellock - The Pennsylvania State University
Doug Stimely - Central PA Institute for Science and Technology
Susan Will - PA Department of Education, Bureau of Career and Technical Education

Skills developed in secondary CTE can be foundation skills for continued education and advanced positions on a seamless career path. This workshop will feature a number of work-based activities that open doors for students to advance to high-skill, high-wage, and high-demand occupations.

1:00 p.m. - 2:00 p.m. (continued)

Dupre Room MAVCC Culinary Arts Curriculum Update 2007

Cara Lavery - MAVCC

Get a sneak peek of the finished MAVCC Culinary Arts series. New for 2007 are Beverage Management, Advanced Pastry Arts, and Culinary Techniques. Completing the series is the 2006 Culinary Concepts. The session will cover use, aspects, and advantages of the series. The presenter will also cover the interactive tests currently available.

Sunburst Forum Cyber-Bullying/Cyber-Aggression

This presentation is a repeat of today's 11:00 a.m. - 12 noon session.

Michael C. Bookser - Master Instructor for the Internet Safety Initiative, Center for Safe Schools

Posting provocative pictures and videos of their peers and making threats are just a few of the cyber-bullying techniques students are using to target other students. Parents, educators, law enforcement officers and other community partners are challenged with the task of working together to educate young people about the serious repercussions of this behavior. Many forms of bullying behavior will be examined and prevention strategies will be provided.

1:00 p.m. - 3:15 p.m.

Seasons #1 Introduction to Organ and Tissue Donation Awareness (OTDA) Education Project: Classroom Toolkit

Melissa Monti - Organ and Tissue Donation Awareness Project, Intermediate Unit #13

This session is a basic introduction to the curriculum materials of the OTDA Education Project, a K-12 initiative of the Pennsylvania Department of Education for all of Pennsylvania's 501 school districts. This presentation will include an introduction to the project and materials, scavenger hunt activity, lesson plan discussion and hands-on workshop, debriefing, statements of actions, and information about mini-grant opportunities. This session will be of particular interest to secondary educators in health occupations and emergency medical training.

Seasons #4 Tips & Tricks for Teachers Using ClassMate

Kathleen Warke - CMA

Chef Brooks - Culinary Instructor, Lancaster County Career & Technology Center

Chef Katzaman - Culinary Instructor, Lancaster County Career & Technology Center

Learn how CTC instructors are using ClassMate student administrative software to take attendance and manage grades for their students. Teachers will share best practices and shortcuts on how they evaluate student achievement based on knowledge, skill, and work ethics performance measures. Teachers will review various rubrics used for grading and discuss strategies to track competencies and generate quarterly progress reports to keep parents informed of student classroom performance. All CTC instructors will find this presentation particularly relevant.

1:00 p.m. - 3:15 p.m. (continued)

Snowflake
Forum**Identifying Learning Disabilities, Selecting Preferred Learning Styles, and Adapting Curricula**Peter Baumhardt - Department of Corrections, SCI-Pine Grove
Jeffrey Dunmire - Department of Corrections, SCI-Pine Grove

Participants will learn how to identify students with learning disabilities and how to find their preferred learning styles, such as reading, writing, visualizing and manipulating. Participants will also learn how to administer a short inventory that will assist in identifying a variety of ways students take in, store, and retrieve information. This presentation is intended for any career and technical or academic teacher.

2:15 p.m. - 3:15 p.m.

Seasons #3

"Tough Choices or Tough Times" and Learning in the Tech Environment*This presentation is a repeat of the Wednesday 2:30 session.*

Daniel Perna - James Daniel & Associates, LLC

The "Tough Choices or Tough Times" report from the New Commission on the Skills of the American Workforce has challenged the thinking of educators in much the same way that "A Nation At Risk" and the SCANS report did almost 20 years ago. The December 2006 report states that strong math and science skills will not be enough in order for our students to be able to compete with those in other countries such as India and China. Schools must go one step further to open doors to the workplace and a better American economy. The new challenge facing career and technical educators is learning how to develop the next inventors and developers of technology. This session focuses on the "Tough Choices or Tough Times" report and presents strategies that will lead students toward learning to create and innovate while still mastering the basics.

Seasons #5

Being Job Ready

Lauren Dymkowski - Career Solutions Publishing Group

The first job is a rude awakening for the graduate who does not know or cannot apply the workplace readiness skills that are needed in every job. After a few months, these same employees can describe with great clarity what they wish they had known before beginning to work. In this session, participants will learn more about the key characteristics and skills students must possess for job success. A variety of sample products developed around recommendations from employers will be distributed to all attendees.

Dupre Room

Technology Gadgets in the Classroom

Lynn Hummel - Mifflin-Juniata Career and Technology Center

Administrators, technology personnel, and educators in career and technical schools in Pennsylvania face similar challenges in accomplishing technology goals. This presentation will provide insight into integrating various technology gadgets into the classroom. Highlights of this presentation include the use of digital cameras, video iPods, and TiVo as well as the opportunity to experience riding a Segway.

2:15 p.m. - 3:15 p.m. (continued)

Sunburst Forum **National Science Foundation: Establishing Career Pathways in Advanced Manufacturing from Middle School through College**

Stanley Komacek - California University of Pennsylvania
 Carol Adukaitis - Statewide Director, 2+2+2 Workforce Leadership Grant Projects, PA
 Department of Community & Economic Development and PASSHE
 Dan Ference - Professor, Engineering Technology, Community College of Allegheny County
 John Sandrene - Director, Steel Center Area Vocational-Technical School

The Pennsylvania State System of Higher Education (PASSHE), through California and Millersville Universities of Pennsylvania, received a three-year \$810,000 grant to develop an advanced manufacturing technology career pathway from middle school through college with a focus on recruiting females and minorities.

To address the critical workforce shortages in advanced manufacturing technology in Pennsylvania, the project is designed to increase the number of students who study advanced manufacturing technology, to update the manufacturing education curriculum, and to update knowledge and skills of manufacturing educators. The project operates in two Pennsylvania regions, one in the Southwest and one in South Central.

3:15 p.m. - 4:15 p.m.

Exhibit Hall **Break**

Take this opportunity to visit the educational and commercial exhibits and enjoy a mid-afternoon break--Seven Springs' own original hand-rolled soft pretzels, served warm with assorted mustards and cream cheese.

4:15 p.m. - 5:00 p.m.

Association Meetings*

- Seasons #1 PA Association of Vocational Education Special Needs Personnel (PAVESNP)
Board Meeting and General Membership Meeting
- Seasons #3 IOTA Lambda Sigma Theta Chapter of Western Pennsylvania
Executive Committee Meeting. All members are welcome to attend.
- Seasons #4 PA Association of Career and Technical Administrators (PACTA)
Executive Committee Meeting
- Dupre Room Vocational and Practical Arts Educators, PA State Education Association (VPAA/PSEA)
General Membership Meeting
- Sunburst Forum PA Association of Career and Technical Education (PA-ACTE)
Board Meeting and General Membership Meeting

*Association meetings may not be counted as professional development hours.

Dinner

5:00 p.m. - 6:00 p.m.

Exhibit Hall **Sincerity...Honesty...Integrity...Pride (SHIP) Social Hour**

Raffle of Prizes Donated by Schools and Exhibitors - You must be present to win.
Alice Davis and William Henry

6:00 p.m.

Convention Hall **Theme Dinner - Psychedelic 60's**
Menu: Mountain-Style Barbecue

Step back in time -- feel the vibes -- join us this evening as we take a cool trip back to the Psychedelic 60's -- can ya dig it?!

Come dressed in your fuzzy vests, bell-bottom flares, miniskirts, sandals, and go-go boots. After dinner we'll be entertained by "Piano Jammers", a high energy show featuring the dueling keyboards and vocals of Sal Ventura and Ron Soltis. The "Piano Jammers" perform classic rock and contemporary tunes and the audience is encouraged to join in the fun!

Reception

Suite 114 Following the evening's entertainment, join us until 11:00 p.m. for a reception hosted by the Temple, Penn State, and IUP Professional Development Centers.

Thursday, June 28, 2007

7:00 a.m. - 11:00 a.m.

Stag Pass Registration

7:15 a.m. - 8:00 a.m.

Seasons Lobby Continental Breakfast "On-the-Go"

8:00 a.m. - 9:00 a.m.

Seasons #1 Using Teamwork to Focus School ReformDaniel Perna - James Daniel & Associates, LLC
Nancy Tkatch - Northwest Area School District

The Northwest Area School District has focused its reform movement by making teachers an integral part of the process. Using Project 720 as a conduit for change, the school's leadership determined that teachers would need to learn how to dialogue with one another before transformation could occur. Leaders knew that administrators and teachers must feel comfortable with professional working relationships before school improvement could be embedded in the thinking of the entire professional staff. In this session, participants will learn the how, what, and why of a process that took administrators and teachers through a model that led to ideas becoming concrete images. These concrete visions are part of the district's reform strategy and have given professional educators ownership of those things needed to transform the district's educational process. Participants will leave the session with a prototype of one way to develop small learning communities that respond to the needs of students and enhance their overall achievement.

Seasons #4 How Goodwill Industries Can Work for You!

Lisa Anne Pesta - Account Executive, Goodwill Industries

Goodwill Industries is a premier provider of workforce development services to people facing barriers to employment. Our Workforce Development Services include assessment, training/work experience, employment services, and support services. School to Work Transition services provide students with disabilities the opportunity to learn job skills and work behaviors while still in high school. Goodwill works with local school districts, intermediate units, the Office of Vocational Rehabilitation, and the Offices of Mental Health/Mental Retardation to match a student's abilities and interests with jobs in the community. This service allows students to gain valuable work experience and to develop career plans in conjunction with their individualized education plans.

Seasons #5 Multi-Hazard Emergency Planning: Are You Compliant? Are You Sure?*This presentation is a repeat of the Thursday 8:00 a.m. session.*William Hall - Fire Protection Instructor, Lancaster County Career and Technology Center
Timothy Bianchi - Principal, Willow Street Campus, Lancaster County Career and Technology Center

John B. Sweigart, Jr. - Law Enforcement, Corrections and Security Instructor, Lancaster County Career and Technology Center

This multi-media interactive session will describe the need for a response plan in every school to deal with the variety of unusual events that disrupt the normal day-to-day operation of our schools, anything from a simple water main break to an active shooter. We'll show you how to get started, how to comply with NIMS, where to find help, and how to succeed. School administrators, teachers, school nurses, and anyone involved in planning for a school crisis response will find this presentation particularly relevant.

8:00 a.m. - 9:00 a.m. (continued)

Snowflake
Forum**Special Education: What Vocational Educators Need to Know**

Kenneth E. Deitmen - Pennsylvania Training and Technical Assistance Network (PaTTAN), Harrisburg
Dennis Clark - Pennsylvania Training and Technical Assistance Network (PaTTAN), King of Prussia

This session will highlight secondary transition requirements as they are listed in the Individuals with Disabilities Education Improvement Act. These requirements will be related to the Carl Perkins Career and Technical Education Act and the Rehabilitation Act. Chapter 4 requirements for students with disabilities will also be reviewed. Individualized education program meetings will be discussed, as well as the importance of establishing protocols.

Dupre Room

Blending Workplace Ethics into any Classroom

Lauren Dymkowski - Career Solutions Publishing Group

Workplace ethics is not easily taught, but readily learned. In the last few years, high-profile unethical behavior by corporate America and individual employees has dominated the news. Yet, until recently, instructors have not widely focused on workplace ethics as a key curriculum component. In this session, model workplace ethics activities that you can take back to your classroom will be demonstrated and sample curriculum materials will be distributed.

8:00 a.m. - 10:15 a.m.

Seasons #2

HealthCenter21: Foundations and Multi-Skilled Assistant Curriculum

Mary Schultz - Applied Educational Systems

Applied Educational Systems will present their HealthCenter21 system and share two group activities for teachers to use with their students. This standards-based curriculum provides group activities and computer based multimedia lessons for students and integrated management tools for teachers. The HC21 Foundations curriculum focuses on NCHSTE standards, while the HC21 Multi-Skilled Assistant curriculum provides students with training for a range of specific occupational skills in health care.

Seasons #3

Career Cruising: A Complete Guidance System, Including Electronic Portfolios

Cindy Wong - Career Cruising

Schools across the country are increasingly adopting electronic portfolios as an effective means of helping students organize their education and career exploration information and translate it into concrete plans for success. This presentation will outline how flexible career exploration and planning software can help increase accountability in developing education and career plans for students. It also supports the adoption of career development initiatives, such as the implementation of state-specific career pathways systems. Using Career Cruising as an example, we will show how students can identify career paths, research college options, and develop comprehensive plans and resumes for an electronic portfolio environment. The presenter will also outline how educators can use administrative tools to send messages to students, set portfolio completion standards, run accountability reports on usage, and track their students' progress.

9:00 a.m. - 12 noon

Chestnut Room **PCH Certification Exam** for those who attended the Horticulture Technical Updating Seminar and pre-registered for the exam.

9:15 a.m. - 10:15 a.m.

Seasons #1 The Assessment of Engagement Processes in New Vocational Students

Martha Diamond, Ed.D. - Lawrence County Career and Technical Center

A case study was designed to identify the processes of engagement in learning of new vocational students. Educators may better understand students from their perspectives as learners and what the term "student engagement" means to them. The placement of students in vocational schools will be addressed and whether it affects their engagement processes. Five qualities of student-initiated, active engagement will be presented.

Seasons #4 "This Job Would be Great if it Wasn't for These Kids"

Bob Piccirillo - IUP Intern; Culinary Arts Instructor, Indiana County Technology Center

Veteran Teachers – IT'S SUMMER VACATION!!!! I know, September seems so far away, but it's not too early to start "recharging". It's not too early to think about what we have been doing for a living and how we can go back to it in the fall with fresh goals, fresh enthusiasm, fresh eyes – you know – all the stuff that is supposed to make teaching a noble profession. Are you ready to be a GREAT teacher in 2007?

Seasons #5 Foundations for Your Future

Dominic Corso - Pennsylvania State Employees' Retirement System (PSERS)

"Foundations for Your Future" is a look into benefits available to public school employees through the Public School Employees' Retirement System from their initial enrollment through their retirement.

Snowflake Forum Para-Educator's Postcard to Success

Mark Tarlecki - Instructional Assistant, North Montco Technical Career Center
Michael Lucas - Director, North Montco Technical Career Center

This presentation will highlight how a local career and technical center encourages and prepares its para-educators to assist within integrated labs through the use of training tools provided by PaTTAN. The session will focus on school demographics, integration of para-educators into the educational process, and available resources.

Dupre Room Helping Students Transition from High School to their Future

Andy Haugen - Student Paths

Student Paths is a free program used in nearly 1,800 high schools across the country. The program promotes a meaningful dialogue between educators and students about the range of options available to students after high school and the thoughts and actions necessary to better ensure a successful future. This presentation will include a program overview, information on how the program can assist educators in meeting district goals and state standards, and best practices from high schools currently using the program.

10:30 a.m.

Convention
Hall

Closing General Session and Brunch

Keynote Speaker

Peter Magnuson -Senior Director for Programs and Communications
Association for Career and Technical Education

PA Association for Career and Technical Education Awards

Outstanding New Career and Technical Education Teacher
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PA•CTEC 2007
See you next year at the
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Company	Representative	Table Number
Career Training Concepts	Stanley W. Jones	12
Center for Organ Recovery and Education (CORE)	Cherie Peters	7
Hiram G. Andrews Center	Barbara Petersen	5
Indiana University of Pennsylvania Academy of Culinary Arts	Enid Resenic	3
Indiana University of Pennsylvania Center for Career and Technical Personnel Preparation	Don Gamble	25
ITT Technical Institute	Amy Gibson	11
PA Association of Career and Technical Administrators (PACTA)	Jackie Cullen	1A (Hallway)
PA Association of Vocational Education Special Needs Personnel (PAVESNP)	Brenda Kauffman	6
Penn State Public Broadcasting	Linda Mahoney	8
Pennsylvania State University Workforce Education and Development	Frank Elliott	1
PA Higher Education Assistance Agency (PHEAA)	Daniel Johnston Thomas O'Donnell	2
PA Tuition Account Program	Cathy Cavanaugh	4
Sergeant Welch	Bryanne Peners	9
Temple University	Gloria Heberly	10

Commercial Exhibitors

Company	Representative	Booth Number
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Advanced Technologies Consultants
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Publishers of textbooks, workbooks, and instructor materials addressing the electrical, building, and maintenance trades.

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Berwyn, PA 19312
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Fax: 610-993-8249

Lauren Dymkowski

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Career Solutions Publishing develops and publishes materials which focus on career and academic integration, workplace readiness, workplace ethics and personal money management.

Clark Associates – VRI
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Fax: 856-848-4275
Email: jdc127@aol.com

Jim Clark

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Vocational assessment, job readiness skills, internet job placement.

Computer Management & Marketing Association
7599 Beth-Bath Pike, PO Box B
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Ph: 610-837-8262
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Classmate student administrative and curriculum management software is exclusively designed for career and technical educators.

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Josh Berk/Joe Vocca

1

Textbooks and teacher's resources for career and technical education.

Commercial Exhibitors

Company	Representative	Booth Number
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Email: sales@jbhtech.com

Matt Case

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JBH Technologies carries a broad range of respected products providing educational solutions for K-12, career centers, junior/community colleges, universities and industry.

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Fax: 405-743-5586
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Jennifer Owens

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Instructional materials for career and technical programs. Pennsylvania educators receive large discounts off MAVCC materials as a benefit of MAVCC membership. Stop by our booth to view the curriculum.

Pittsburgh Technical Institute
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Ph: 412-809-5283
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PTI is a 2 year technical college awarding Associate of Science Degrees in 15 majors. Also Middle States accredited.

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Fax: 651-894-6670
Email: ahaugen@studentpaths.com

Andy Haugen

5

Student Paths helps students transition to life after high school.

Synergis Technologies
472 California Road
Quakertown, PA 18951
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Sincerity...Honesty...Integrity...Pride (SHIP) Social Hour Prizes

Prizes will be awarded during this silent raffle. Deposit tickets from your registration packet into the container that represents the item(s) you want to win. You must be present to win.

Company Donations

Thank you to the following companies for their contributions.

Company	Donation
Allegheny Educational Systems, Inc.	Golf jersey
Career Solutions Publishing	One-year subscription to CSPG E-Lessons
Clark Associates - VRI	Red wine and chocolate
Goodheart-Willcox Publisher	2 G-W books from catalog
Pittsburgh Technical Institute	Gift basket of Pittsburgh

Donated Projects

Thank you to the following schools for their contributions.

School	Representative	Gift
Beaver County Area Vocational-Technical School	Robert George	Birdhouse
Berks Career and Technology Center	Lisa Greenawalt	Clock
Clearfield County Career and Technology Center	Lois Richards	Small BBQ grill Planter
Jeff Tech	John Lougee	Meat cleavers (2) Cheese cutters (2)
Lebanon County Career and Technology Center	James Meyers	Lamps
Lenape Area Vocational-Technical School	Dawn Kocher-Taylor	Wrought iron plant stands
Parkway West Career and Technology Center	Darby Copeland	Chess board
Reading-Muhlenberg Area Vocational-Technical School	Gerald Witmer	Candle holder Basket of beauty supplies Small bench/plant stand
Susquehanna County Career and Technology Center	Alice Davis	Folding table Clock