



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF EDUCATION
LANSING



Welcome



Dear Conference Participant:

On behalf of the Michigan Department of Education, Office of Career and Technical Education, and the Conference Planning Committee, welcome to the 2010 Michigan Career Education Conference.

The conference theme, *Career and Technical Education: Making a Difference*, reflects the important roles of career and technical education in preparing students to be college and career ready. Early career preparation, including career exploration, career assessments, and comprehensive guidance and counseling, provide opportunities for students to begin thinking about the world of work and postsecondary education. Through rigorous academic and technical preparation, relevant learning opportunities, and the supportive relationships of educators and families, students are better positioned to take successful steps toward college and careers.

A warm welcome is extended to our featured speakers, Consuelo Castillo Kickbusch, Jim Brazell, and Bill Sanders. We look forward to hearing their words of wisdom and the insights they will share with us.

Congratulations to the **Excellence in Practice Award** winner for its outstanding model of collaboration and cooperation in the integration of academics and CTE instruction. This exemplary program is a "best practices" example for preparing our students for careers that align and articulate with postsecondary education, professional and technical careers, and future employment.

I hope you have the opportunity to hear our keynote speakers. You will have a chance to learn about innovative programs and successful partnerships which can result in improved outcomes and comprehensive services. Please take advantage of the breakout sessions and exhibits. You will also be able to share ideas, network, and learn from each other.

Best wishes for a rewarding professional development experience. Enjoy the conference!

Cordially,

Patty Cantú, Director
Office of Career and Technical Education

STATE BOARD OF EDUCATION

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STATE OF MICHIGAN



Executive
Office

Jennifer M. Granholm
Governor

CERTIFICATE OF PROCLAMATION

On behalf of the citizens of Michigan, I, Governor Jennifer M. Granholm,
do hereby proclaim the month of February 2010

Career and Technical Education Month

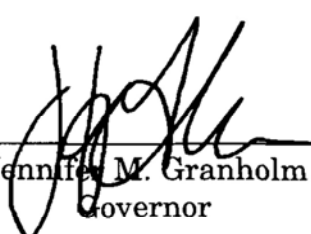
Whereas, Profound economic and technological changes have rapidly placed new and additional responsibilities on our education system; and,

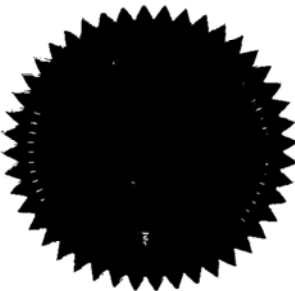
Whereas, Career and technical education provides Americans with a school-to-career connection that aids in the creation of a well-educated workforce that fosters productivity in business as well industry and contributes to America's presence in the international marketplace; and,

Whereas, Career and technical education can improve the overall quality of learning by giving students practical and meaningful applications of basic skills such as reading, writing and mathematics; and,

Whereas, Career and technical education offers individuals lifelong learning opportunities, which can later provide them with additional career choices and satisfaction;

Now, Therefore, be it Resolved, That I, Jennifer M. Granholm, governor of the state of Michigan, do hereby proclaim February 2010 Career and Technical Education Month in Michigan. I urge all citizens to learn more about career and technical education and to encourage our youth to become involved in this exciting field.


Jennifer M. Granholm
Governor



STATE OF MICHIGAN



Executive
Office

Jennifer M. Granholm
Governor

CERTIFICATE OF PROCLAMATION

On behalf of the citizens of Michigan, I, Governor Jennifer M. Granholm,
do hereby proclaim the week of February 20, 2010,

Entrepreneurship Week

Whereas, The Partnership for 21st Century Skills has identified entrepreneurial literacy as being critical for successful communities and workplaces as most new jobs created in the past decade are from the creative efforts of entrepreneurs; and,

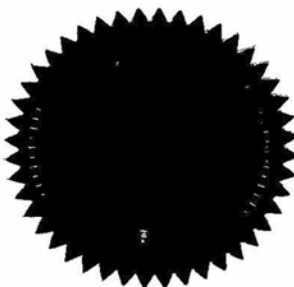
Whereas, Entrepreneurship Week provides an opportunity to focus on the innovative ways in which entrepreneurship education can bring together the core academic, technical and problem-solving skills that are essential for successful entrepreneurs and workers; and,

Whereas, The National Governors Association encourages educating citizens about entrepreneurship and small business creation to stimulate growth in any economy; and,

Whereas, A broad coalition of partner organizations in Michigan and throughout the United States are actively engaged in enhancing entrepreneurial opportunities through collaboration and cooperation with the National Consortium for Entrepreneurship Education; and,

Whereas, More than 70 percent of young Americans envision starting a business or engaging in entrepreneurial related projects as adults, which is why it is essential to encourage youth to expand their knowledge, skills, and attitudes to become successful entrepreneurs;

Now, Therefore, be it Resolved, That I, Jennifer M. Granholm, governor of the state of Michigan, do hereby proclaim the week of February 20, 2010, Entrepreneurship Week in Michigan. I encourage all citizens to explore the idea of becoming entrepreneurs as it is vital to Michigan's growth and prosperity.





Jennifer M. Granholm
Governor

Table of Contents

General Information.....	1
Amway Grand Plaza Information.....	2
Conference Sponsors	3
Acknowledgements.....	4
Excellence in Practice Award.....	5
2009 Conference Top 20 Sessions.....	6
Conference at a Glance.....	8
Personal Schedule.....	9
Sessions at a Glance.....	10
Monday Concurrent Session Descriptions (Sessions A-B-C)	12
Tuesday Concurrent Session Descriptions (Sessions D-E-F).....	24
Exhibitors.....	34
Presenter Directory	35
MDE, Office of Career and Technical Education Directory	38
Michigan ACTE Information.....	39
Facility Maps	41

This program book is accurate as of press time. Please check the message board and/or addendum for program updates and announcements.

Session seating is filled on a first-come, first-serve basis. Please select one or two alternate sessions in each time slot in the event that your first choice session is full. For the safety of all attendees, we must observe maximum occupancy regulations.

General Information

Badges

Conference badges should be worn at all times during the scheduled conference events, not only as a courtesy to other registrants, but also as an indication that your registration has been completed. Name badges are required for entry into all sessions and meal events during the conference.

Color Guard

The color guard is provided by the reigning Grand Rapids City Championship Drill Team “Central Rams” from Grand Rapids Central High School JROTC Color Guards. They are commanded by Sergeant Steve Dedrich, Instructor.

Credit

SB-CEUs - Conference participants can earn State Board Continuing Education Unit credits. To be eligible, attendees must complete the SB-CEU application. Applications are available at the SB-CEU registration desk. A \$20 application fee is required at application pick-up. **To receive credits, you must attend a minimum of five hours of eligible sessions.**

Evaluations

Your evaluation of the individual sessions and the overall conference is vital for next year’s conference planning! Evaluations will be distributed by session hosts at the end of each session. Please complete a form for each session you attend and return it to the session host or leave it at the Conference Registration Desk. You will receive, by email, an overall conference evaluation to be completed on line. Please complete the survey so we have your feedback and suggestions for next year.

Exhibit Hours

Exhibitors are located in The Crown Foyer and West Concourse on the second floor, and will be open as follows:

Monday	Tuesday (optional for vendors)
7:30 a.m. - 5:00 p.m.	7:00 a.m. - 11:30 a.m.

Information Table

Stop by the Conference Registration Desk, located in the Center Concourse, Level 2, to get information on things to do while you’re in Grand Rapids: restaurant menus, cultural events, entertainment, etc.

Internet Access

High Speed or Wireless Internet Access is available in all guest rooms for \$9.95 per day. Guests may also access complementary Wireless Internet in common areas of the facility using an access code.

Lost and Found

Please stop by the Conference Registration Desk for lost and found items.

Message Board

A message board will be available at the Conference Registration Desk.

Registration/Information Hours

The Conference Registration Desk is located in the Center Concourse, Level 2, and will be open as follows.

Sunday	Monday	Tuesday
6:00 p.m. - 8:00 p.m.	7:00 a.m. - 5:30 p.m.	7:00 a.m. - 11:30 a.m.

Amway Grand Plaza Information

About the Amway Grand Plaza

When does the hotel become the destination? When the moment you walk through the door, you feel as if you've been transported - by the elegance, the details, and the gracious service. When your every expectation of what a hotel can be is exceeded. Welcome to the Amway Grand Plaza, where every stay is marked by a memorable moment. Whether it's a stroll through the Pantlind Lobby, the great view from one of our Glass Tower rooms, the classical architecture, or your first bite of the Forbidden Apple at The 1913 Room.

The Amway Grand Plaza is much more than a hotel. It's a true destination. During your stay at the Amway Grand Plaza, you'll experience the timeless beauty of the early 20th century alongside today's contemporary styling. All 682 guest rooms are generously appointed, featuring thoughtful amenities for your comfort and enjoyment. So no matter which room you choose, it's sure to be a visit you'll always remember.

Dining

You won't have to travel far to find some of the best fine and casual dining restaurants in the city—or the country. The Amway Grand Plaza houses nine tempting alternatives that offer refreshing spins on dining in or out. Prior to your stay, be sure to make reservations at Michigan's only AAA Five Diamond restaurant, The 1913 Room. At the Amway Grand Plaza you will find Cygnus 27, The Grill at 1913, GP Sports Bar, Bentham's Riverfront Restaurant, Cornucopia Deli, Garden Court Lounge, Lumber Baron Bar, and Starbucks, along with The 1913 Room.

Shopping at the Plaza

Whether you forgot to pack something, are looking for that perfect gift to take back home, or are simply in the mood to shop, you'll find everything here inside the hotel. Browse the Plaza Essentials Gift Shop for a great selection of merchandise or stop in the Plaza Men's Shop for a wide range of business and casual attire and accessories. You can also explore several boutiques, shops, and art galleries.

Business Services

Work shouldn't become less productive when you're away from the office. Our rooms are outfitted with wireless Internet access, ample desk space for your computer, peripherals, and electronic locks for added security. In addition, the Plaza Business Center located in the main lobby is available for your convenience. The Business Center offers complete business services including copiers, work stations, laser printers, fax service, and a stock of emergency office supplies. Contact the front desk for assistance with all of your business needs.

Grand Rapids Attractions

Discover the natural beauty of Michigan by staying in one of the state's grandest cities. Grand Rapids is big enough to have it all - museums, a world-class botanical garden, Frederik Meijer Gardens & Sculpture Park, plays, art galleries, John Ball Zoo, Public Museum, Children's Museum, the Gerald R. Ford Presidential Museum, and the first LEED Certified Art Museum in the world. It's also just the right size to allow for outdoor getaways to the beach, the countryside, orchards, skiing, and parks. Bike along the Grand River and the many trails, see covered bridges, and experience Pure Michigan in one grand setting.

Conference Sponsors

The Office of Career and Technical Education, Michigan Department of Education, would like to thank the sponsors who helped to make this event possible. If you would like to become a sponsor for upcoming conferences, please call Ferris State University, Conference and Professional Services, at 231.591.2340 or 1.800.562.9130 or email caps@ferris.edu.

Silver Sponsors

Ferris State University

Michigan Association for Career and Technical Education (MIACTE)

(See pages 39 and 40 for full association details)

Bronze Sponsor

Michigan Army National Guard



**AN ASSOCIATION FOR
Career Technical Education
PROFESSIONALS**

Acknowledgements

The Office of Career and Technical Education, Michigan Department of Education (MDE), would like to thank the planning committee, technical assistance staff, presenters, and hosts for their hard work - which has made this conference possible. The success of this conference is due to their efforts and the efforts of many others behind the scenes.

2010 Conference Planning Committee

Program Chair

- **Joanne Mahony**, Supervisor, Office of Career and Technical Education, MDE

Committee Members

- **Clifford Akujobi**, Manager, Michigan Department of Energy, Labor & Economic Growth
- **Donna Beltz**, Department Analyst, Office of Career and Technical Education, MDE
- **Halyna Bialczyk**, Regional CTE Administrator, Wayne RESA
- **Cynthia Candela**, Job Placement Coordinator, Wayne-Westland Community Schools
- **Patty Cantú**, Director, Office of Career and Technical Education, MDE
- **James Folkening**, Manager, Michigan Department of Energy, Labor & Economic Growth
- **Terri Giannola**, Education Research Coordinator, Office of Career and Technical Education, MDE
- **Toni Glasscoe**, Director, Career Preparation and K-12 Education, Lansing Community College
- **Jarrad Grandy**, Assistant Director, Regional Career and Technical Programs, Kent ISD
- **Cathy Green**, Tech Prep Coordinator, Grand Rapids Community College
- **Dave Jackson**, Apprenticeship Representative, Office of Apprenticeship, United States Department of Labor
- **Liz Jones**, Career Focused Education Consultant, Kent ISD
- **Deb Lonik**, Financial Specialist, Office of Career and Technical Education, MDE
- **Deb Miller**, EFE Executive Director, Kalamazoo RESA
- **Charles Parker**, Dean, Career and Occupational Education, Kellogg Community College
- **Brian Pyles**, CTE Director, Shiawassee RESA
- **Christine Reiff**, Consultant, Office of Career and Technical Education, MDE
- **Gretchen Spedowske**, Project Coordinator, Ferris State University
- **Deedee Stakley**, Director Early College, Lake Michigan College
- **Patricia Talbott**, Consultant, Office of Career and Technical Education, MDE

Conference Facilitators - Ferris State University

- **Hannah Baker**, Student, Conference and Professional Services
- **Summer Carpenter**, Conference Coordinator, Conference and Professional Services
- **Cheryl Cluchey**, Assistant Dean, College of Professional and Technological Studies
- **Leanne Davidson**, Student, Conference and Professional Services
- **Kelli Forrest**, Student, Conference and Professional Services
- **Denise Moulter**, Administrative Secretary to the Dean, College of Professional and Technological Studies
- **Marissa Needham**, Student, Conference and Professional Services
- **Susan Weaver**, Project Assistant, Conference and Professional Services
- **Adam Wetherell**, Coordinator of Camps and Conferences, Conference and Professional Services

Excellence in Practice Award

The **2010 Excellence in Practice Award** is a prestigious, statewide award that recognizes exemplary practices in preparing Michigan's students for higher education and careers.

The intent of the award is to recognize successful, exemplary Tech Prep and state-approved Career and Technical Education (CTE) programs and practices that prepare students for careers aligned and articulated with postsecondary education, professional and technical careers, and employment. These are programs that demonstrate outstanding outcomes, produce measurable results for students, and meet the challenge of high academic rigor.

The award will be presented during the Opening Session on Monday, February 1, 2010. This year's award winner demonstrates a true understanding and application of the theme of the conference, **Career and Technical Education: Making a Difference**. This theme emphasizes the significant impact Career and Technical Education and its postsecondary and employer partners are making in preparing students for college and careers, in light of the unprecedented challenges they face in today's world. By providing students with rigorous academic and technical preparation for high-demand, high-skill employment, as well as rich work-based learning opportunities and postsecondary options, career and technical education is making a crucial difference in the success of students, their schools, and their communities.

Each nomination was submitted by the nominee's regional or local educational agency, with the endorsement of their CEPD Administrator. The following nominee was selected to receive the 2010 Excellence in Practice Award:

Excellence in Practice Award Winner

Algebra II Integration
at the
Livonia Career Technical Center
Livonia Public Schools

This award winner is an outstanding model of collaboration and cooperation between academic and Career and Technical Education, centered on the integration of Algebra II into CTE. Livonia Career Technical Center (LCTC) staff prepared and studied for three years, re-learning Algebra II themselves, to fully integrate Algebra II into the entire CTE curriculum beginning with the 2009-2010 school year. From 2006 to 2008, LCTC staff examined the specific math content within each CTE program, documenting Algebra II concepts. Teachers used professional development hours, curriculum days, and extended staff meetings to learn and re-learn Algebra concepts applicable to Algebra II content standards. In the 2008-2009 school year, a Livonia Public Schools (LPS) math teacher was employed at the LCTC to facilitate the implementation.

High academic rigor and academic alignment are the cornerstones of Algebra II integration at LCTC. The results are evident and outstanding.

- Algebra II is now integrated into all LCTC CTE programs
- CTE students now have room in their high school schedules to attend LCTC and meet new high school requirements
- All LCTC CTE programs are articulated with at least one of seven postsecondary institutions
- Students use extensive technology resources, such as *Blackboard* daily, to complete course requirements
- Pre and post-test data from 2008-09 shows 92% of LCTC CTE programs showed significant improvement across all pathways
- Two additional delivery models have also been developed for LCTC students who need to continue or recapture Algebra I or Geometry credit

2009 Conference Top 20 Sessions

Top 20 in 2009

You will see a “TOP 20” arrow in your conference program book noting presenters that received the highest evaluations from the 2009 Career Education Conference.

Session Titles

Session Speakers

Strategies for Turning Standards Into Curriculum	<ul style="list-style-type: none"> ▪ Katherine Manley, Director, Michigan Center for Career & Technical Education, Ferris State University
The Workplace Readiness Program – Implementing the Comprehensive Guidance and Counseling Model	<ul style="list-style-type: none"> ▪ Lane Robinson, Case Manager, St. Clair Technical Ed Center ▪ Gale Simon, Case Manager, St. Clair Technical Ed Center ▪ Emily Bronzie, Case Manager, St. Clair Technical Ed Center ▪ Tim Prill, Case Manager, St. Clair Technical Ed Center
Health Science Assessment	<ul style="list-style-type: none"> ▪ Jennifer Nuttle, Manager, Career Technical Testing Center, Oklahoma
Collaborative Senior Project – Electronic Portfolios	<ul style="list-style-type: none"> ▪ John Partridge, Instructor, Computers & Electronics, Wexford-Missaukee Career Technical Center ▪ Sarah McKeever, Instructor, Hospitality, Retail & Entrepreneurship, Wexford-Missaukee Career Technical Center
Breaking Barriers: Shattering Stereotypes and Ceilings	<ul style="list-style-type: none"> ▪ Robin Turner, Program Manager, Visual Communication, Randolph Career and Technical Center, DPS ▪ Shelley Foy, Program Manager, Protective Services, Randolph Career and Technical Center, DPS
Moving Ideas to Marketplace – Youth Entrepreneurship in Mid Michigan	<ul style="list-style-type: none"> ▪ Erica Tobe, Program Leader, Michigan State University ▪ Marlene Searles, Saginaw County Business & Education
First STEP-Growing Tomorrow’s Workforce, A High School On-the-Job Training Program	<ul style="list-style-type: none"> ▪ Dave Jackson, Apprenticeship Representative, Office of Apprenticeship, US Department of Labor ▪ Richard Schott, Apprenticeship Coordinator, Lansing Community College ▪ Dallas Burdick, Apprenticeship Coordinator, Lansing Board of Water and Light
Helping Students Map their Future Through Early College Partnerships	<ul style="list-style-type: none"> ▪ Deedee Stakley, Director Early College, Lake Michigan College ▪ Paul Bergan, Regional Career and Technical Education Director, Berrien RESA
Learn How to Facilitate Direct Credit Opportunities	<ul style="list-style-type: none"> ▪ David Cox, Director, Wexford-Missaukee Career Technical Center ▪ Jill Haldeman, Allied Health Instructor, Wexford-Missaukee Career Technical Center ▪ Gretchen Spedowske, Project Coordinator, Ferris State University
Earning English Credit in CTE Programs	<ul style="list-style-type: none"> ▪ Tracy Swope, Language Arts Consultant, Jackson Area Career Center ▪ Sue Maxam, Cluster Development Consultant, Oakland Schools Career Focused Education ▪ Janet Temnyk, English Language Arts Instructor, Oakland Schools Technical Campus SW ▪ Abigail Armstrong, Language Arts Consultant, Jackson Area Career Center
Teacher Certification Information	<ul style="list-style-type: none"> ▪ Jo Anne Gibson, CERT Analyst, Office of Professional Preparation Services, MDE
Careers without College: Not A Second-Class Option	<ul style="list-style-type: none"> ▪ Lawrence Schlack, Consultant, Kalamazoo Regional Educational Service Agency

Exploring Careers Through Summer Day Camps	<ul style="list-style-type: none"> ▪ Kim Small, STEM Director, Lenawee ISD Tech Center
Pre-Internship Conference “From the Classroom to the Workplace”	<ul style="list-style-type: none"> ▪ Pandora Hall, Program Manager, Academy of Finance, Golightly Career and Technical Center ▪ Michael Mooney, Program Manager, Golightly Career and Technical Center ▪ Joseph Quesnelle, Program Manager, Golightly Career and Technical Center
So...You Want to Take the Advanced Accounting Assessment?	<ul style="list-style-type: none"> ▪ Lana Ford, National Occupational Competency Testing Institute
How to Become a Learning Centered Institution - Lessons Learned from Business and Industry	<ul style="list-style-type: none"> ▪ Katherine Manley, Director, Michigan Center for Career & Technical Education, Ferris State University
Using Moodle to Develop Online Teaching Tools	<ul style="list-style-type: none"> ▪ Cary Mannaberg, Internship and Work Experience Coordinator, Kentwood Public Schools
Update on Career Education at Michigan Community Colleges	<ul style="list-style-type: none"> ▪ Charles Parker, President of MODAC, and Dean of Career and Occupational Education, Kellogg Community College ▪ James Taylor, Vice President of MODAC, and Dean of Health and Public Services, Kalamazoo Valley Community College
Visual Ability of CTE Students	<ul style="list-style-type: none"> ▪ William Farrant, Instructor, Jackson Area Career Center, Jackson County ISD
Spheres, Submarines, and Shakespeare: An Integrated Approach to CTE	<ul style="list-style-type: none"> ▪ Geoff Clark, Engineering Technology Instructor, Center for Science and Industry, Utica Community Schools ▪ Scott Spry, Mechatronics Instructor, Center for Science and Industry ▪ Nick Skalsky, Technical illustration Instructor, Center for Science and Industry ▪ Megan Berry, Design Principles Instructor, Center for Science and Industry ▪ Jill Riley, English Language Arts Instructor, Center for Science and industry ▪ Scott Palmer, Program Coordinator, Center for Science and Industry ▪ Michael Allore, Multimedia Production Instructor, Center for Science and Industry

Conference at a Glance

Sunday, January 31, 2010

6:00 p.m. - 8:00 p.m. Registration

Monday, February 1, 2010

7:00 a.m. - 5:30 p.m. Registration/Information – Center Concourse
7:30 a.m. - 5:00 p.m. Exhibits Open – Crown Foyer and West Concourse
7:30 a.m. - 8:45 a.m. Continental Breakfast - Devos Center; Ballroom A-B
7:45 a.m. - 8:30 a.m. SB-CEU Monitor Orientation – Emerald Room
9:00 a.m. - 10:30 a.m. Opening Session, EIP Awards
Featured Speaker, **Jim Brazell** – Devos Center; Ballroom A-B
10:30 a.m. - 11:00 a.m. Networking/Exhibitor Break – Crown Foyer and West Concourse
11:00 a.m. - 12:00 p.m. **Breakout Session A**
12:00 p.m. - 1:30 p.m. Lunch, Featured Speaker, **Bill Sanders** – Devos Center; Ballroom A-B
1:30 p.m. - 1:45 p.m. Networking/Exhibitor Break – Crown Foyer and West Concourse
1:45 p.m. - 2:45 p.m. **Breakout Session B**
2:45 p.m. - 3:00 p.m. Networking/Exhibitor Break – Crown Foyer and West Concourse
3:00 p.m. - 4:00 p.m. **Breakout Session C**
4:00 p.m. - 5:00 p.m. Networking /Exhibitor Break – Crown Foyer and West Concourse

Tuesday, February 2, 2010

7:00 a.m. - 11:30 a.m. Registration/Information – 2 Crown Foyer
7:00 a.m. - 11:30 a.m. Exhibits Open – Crown Foyer and West Concourse
7:00 a.m. - 7:30 a.m. Breakfast Buffet – Ambassador Ballroom
7:30 a.m. - 8:15 a.m. Panel Discussion – Ambassador Ballroom
8:30 a.m. - 9:30 a.m. **Breakout Session D**
9:30 a.m. - 9:45 a.m. Networking Break
9:45 a.m. - 10:45 a.m. **Breakout Session E**
10:45 a.m. - 11:00 a.m. Networking Break
11:00 a.m. - 12:00 p.m. **Breakout Session F**
12:00 p.m. - 1:30 p.m. Lunch, Awards Ceremony, Door Prizes
Featured Speaker, **Consuelo Castillo-Kickbusch** – Ambassador Ballroom

Personal Schedule

Use this page to help pre-select sessions. Write in your top two choices in the corresponding sessions below.

Monday, February 1, 2010

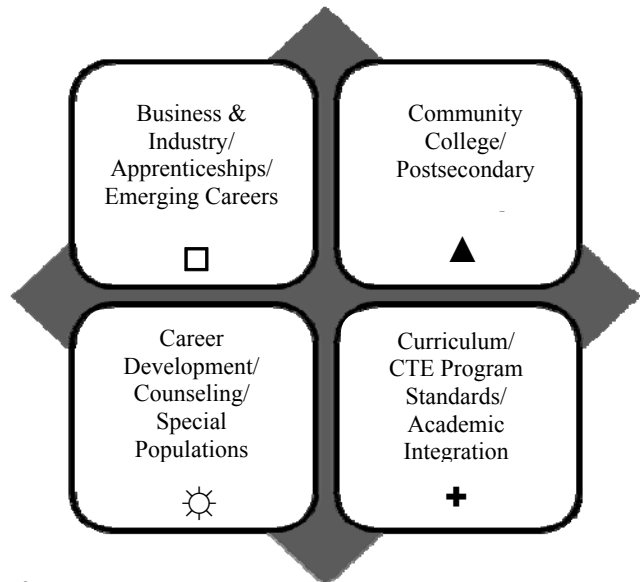
Time/Session	Selection 1	Location	Selection 2	Location
11:00 a.m. - 12:00 p.m. Session A				
1:45 p.m. - 2:45 p.m. Session B				
3:00 p.m. - 4:00 p.m. Session C				

Tuesday, February 2, 2010

Time/Session	Selection 1	Location	Selection 2	Location
8:30 a.m. - 9:30 a.m. Session D				
9:45 a.m. - 10:45 a.m. Session E				
11:00 a.m. - 12:00 p.m. Session F				

Presentation Key

Each presentation has been assigned to a category that best represents its content and subject matter. Use the key on the right to find presentations that relate to the different subjects outlined. You can find these symbols on the left hand side of the presentation descriptions.



Sessions at a Glance - Monday

Session Title	Room	Page
Monday 11:00 a.m. – 12 noon Session A		
The Future is Here	Ambassador East	13
✚ “Project Lead the Way” (PLTW) Brings National Engineering Curriculum to CTE Programs	Ambassador West	13
✚ MI Navigator – CTE’s New Electronic Portal	Atrium	13
☐ Make a Difference: Don’t Be Late for Early College	Cascade	13
▲ Applying Professional Standards for Michigan Teachers with Second-Career Teachers	Emerald	13
▲ Michigan Programs of Study – A Journey to Identify Student Academic Prerequisite....	Gerald R Ford	14
☐ Students + Summer Programs + Employers = Synergy	Governors	14
✚ Preparing for a Nursing Career!	Grandview A	14
✚ LISD TECH Center High School Content Expectations Alignment and Recommendation....	Grandview B-C	14
☐ Developing a Renewable Energy Education Strategy	Heritage Hill	15
☐ Do Students Have What it Takes for Today’s Jobs?	Imperial	15
☀ Freshman Focus	Pantlind	15
☐ Making the Connection	Pearl	15
✚ Using Blended Learning to Deliver Rigorous and Relevant Academic Content in a CTE....	Vandenberg A	16
▲ Own Your Own Business Own Your Future: So You Think You Want to be an Entrepreneur	Vandenberg B	16
☀ Serving a Diverse Student Population in STEM	Winchester	16
Monday 1:45 p.m. – 2:45 p.m. Session B		
✚ Setting Up Your CTE Program for Student Success	Ambassador West	17
✚ Retooling CTE in Michigan Part I	Atrium	17
✚ Math + CTE + Academic Credit + Standards = Making a Difference	Cascade	17
☀ K-12 Career Tools & Activities	Emerald	17
✚ Secondary CTE Assessments: The Selection/Development Process	Gerald R Ford	17
☐ Planning and Partnering for Technology Enhanced Programs Through Sustained Funding	Governors	18
✚ America’s Marketing High School	Grandview A	18
✚ Preparing Early Childhood Development CTE Students for a High Wage	Grandview B-C	18
☐ The Power of Collaborative Work Practices	Haldane	18
☀ Career Development Using a 21 st Century Online Curricula	Heritage Hill	18
☀ I’m a Life Toucher	Imperial	19
✚ MI Learning on iTunes U – MI Workforce Development Gateway	Pantlind	19
✚ Entrepreneurship: The Missing Link!	Pearl	19
☀ Electronic Portfolios – A Hands-On Approach	Vandenberg A	19
☐ Sports Television	Vandenberg B	19
✚ Changing CTE Programs to Fit the New Michigan State Curriculum	Winchester	19
Monday 3:00 p.m. – 4:00 p.m. Session C		
✚ Scaling the Universe in Mathematics	Ambassador East	20
✚ Retooling CTE in Michigan Part II	Atrium	20
☐ Promoting CTE Through Newspaper Pathway Ads	Cascade	20
▲ H.O.P.E. Scholars: Students Making a Commitment to Their Education and a Brighter....	Emerald	20
☀ Meeting the Educational Needs of Unaccompanied Homeless Youth	Gerald R Ford	21
☐ Bridging Education and Business Through Quality Learning	Governors	21
✚ Developing Careers in Biochemical Technology Program: Preparing Students for....	Grandview A	21
☐ MCPA: Let’s Make a Difference in Your Student Placements	Grandview B-C	21
☀ Strengthening Relevance and Relationships in Academic Classrooms	Haldane	21
☐ The LISD TECH Center Program Annual Review (PAR) Process	Heritage Hill	22
☐ Bio-Technical Engineering	Imperial	22
☐ Understanding the Michigan National Career Readiness Certificate (NCRC)....	Pantlind	22
✚ NEW CDX Automotive Goes “Green” with Alternative Fuel Technology and E-Learning	Pearl	22
☐ Using Futuring Strategies for Career Education Program Development	Vandenberg B	22
☀ Recruitment & Retention of Females in Programs Nontraditional for Their Gender....	Winchester	23

Sessions at a Glance - Tuesday

Session Title	Room	Page
Tuesday 8:30 a.m. – 9:30 a.m. Session D		
☼ They Have Their NCRC, Now What's The Plan?	Atrium	24
✚ Enthusiasm for Tomorrow with NASA	Cascade	24
✚ Automotive E-Learning Explained	Emerald	24
✚ Criminal Justice – Past, Present, and Future	Gerald R Ford	24
✚ Flexible Scheduling for Achievement with the MMC	Governors	25
☼ Free Transportation and Civil Engineering (TRAC) Program Hands-On Materials	Grandview A	25
☼ More Strategies for HELPING Students FIND THEIR STRENGTHS	Grandview B-C	25
☐ Passport to Alternative Energy Careers	Haldane	25
☐ Blue Collar White Collar Gold Collar Green Collar No Collar	Heritage Hill	25
☐ Student Engagement and Project-Based Learning	Pantlind	25
▲ The Impact of the Perkins Act on the Operation of CTE	Pearl	26
☼ The Purpose Driven EDP	Vandenberg A	26
✚ Evaluation of the Secondary CTE Assessment Process	Vandenberg B	26
☐ The Case for Academies	Berkey	26
Tuesday 9:45 a.m. – 10:45 a.m. Session E		
✚ Applying a Systems Approach to CTE Curriculum	Atrium	27
✚ Personal Finance Education for High School Students	Cascade	27
✚ Leveraging E-Learning to Reduce Costs and Improve Effectiveness	Emerald	27
▲ Using an Advisory Board as Active Partners in New Program Development	Gerald R Ford	27
☼ Helping Students Make Good Career Decisions Through May Term	Governors	27
▲ Longitudinal Data System and E-Transcripts	Grandview A	28
☐ Develop Partnerships to Make a Difference for Learners and Communities	Grandview B-C	28
☐ Careers Without College: Not a Second-Class Option	Heritage Hill	28
☐ Show Me Green: A View of the Green Construction Landscape	Imperial	28
☼ Career Planning: Three Weeks to Educated Decisions	Pantlind	28
✚ Teaching Career and Employability Skills in the CTE Classroom	Pearl	29
☐ Workpaths.com – Connecting Education with Business	Vandenberg A	29
✚ When 'Text' is a 4-Letter Word	Vandenberg B	29
☐ Pre-Apprentice Training – Preparation for a Job in the Skilled Trades	Berkey	29
Tuesday 11:00 a.m. – 12:00 p.m. Session F		
✚ The Online Delivery Method: The Good, the Bad, and the Ugly	Atrium	30
✚ Crosswalks are in the New ProStart Text	Cascade	30
✚ Online Academic Support for CTE	Emerald	30
✚ Turning Standards into Curriculum	Gerald R Ford	30
▲ Nanotechnology Education at Oakland Community College	Governors	30
☼ Training for Meaningful Employment: A Shared Goal Between CTE and Special Education	Grandview A	31
✚ School Improvement Strategies "In Search of the Ideal"	Grandview B-C	31
✚ Documenting Individual Student Academic Proficiencies	Haldane	31
☼ A Unique Career Center Model for Navigating Student Success	Heritage Hill	31
☐ Partnering with Education: Building Michigan's Future Construction Workforce	Imperial	31
☐ Certify Me Green	Pantlind	32
✚ CTSO 101: How to Create and Collaborate on a Local and Regional Level	Pearl	32
✚ Renewable Energy for CTE	Vandenberg A	32
✚ Literacy Roundtable	Vandenberg B	32
✚ NOCTI – Accounting Assessment and More...	Berkey	32

Monday, February 1

7:00 a.m. - 5:30 p.m.Registration/Information Center Concourse, Amway
 7:30 a.m. - 8:45 a.m.Continental Breakfast Crown Foyer, Amway
 9:00 a.m. - 10:30 a.m.Opening SessionDevos Center (A-B Ballroom)
Joanne Mahony, Conference Chair, Supervisor, Office of Career and Technical Education, MDE
 Excellence in Practice Award Presentation
 10:30 a.m. - 11:00 a.m.Networking/Exhibitor Break..... Crown Foyer and West Concourse
 (Refreshments available in Crown Foyer and West Concourse)

Opening Session 9:00 a.m. – 10:30 a.m.



Jim Brazell
CEO & Founder at Ventureramp, Inc.

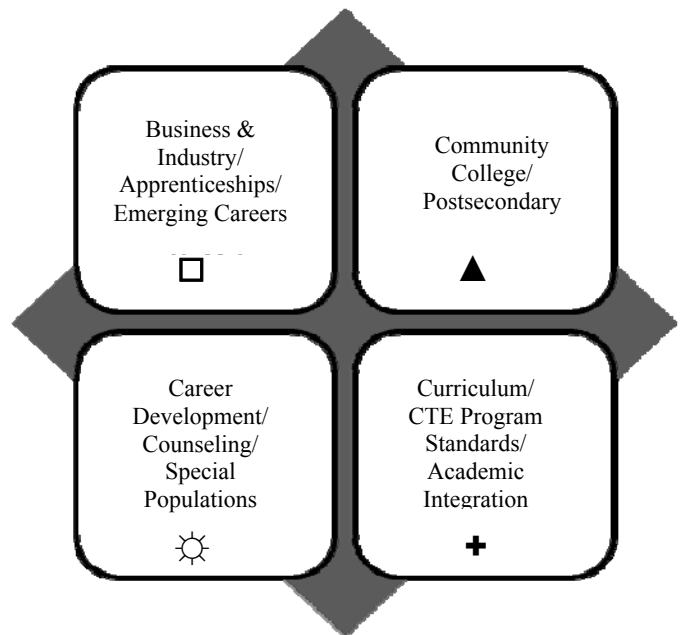
Innovate Educate Lead

As a Michigan Career Education Conference keynote speaker, Brazell will deliver his speech EDUCATE-INNOVATE-LEAD. The premise of this program is the view that science, technology, engineering, and mathematics (STEM) are keys to innovation dependent on the inclusion of the humanities and arts. Jim advocates a shift from narrowly defined STEM initiatives to TEAMS embracing transdisciplinarity--movement beyond disciplines to engage the world holistically.

His experience and vision earned him praise from the National School Boards Association executive director, who called Brazell a “powerful storyteller.” Brazell’s research into education systems, labor market trends, and technology establishes a backdrop for his speeches and workshops. His vision for integrated academic, arts, and career and technical education was heard by the President's Council of Advisors on Science and Technology (PCAST) in October 2009. In 2010, Jim is scheduled to address state school board and K-12 education conferences, in addition to being invited to address two different transdisciplinary academic congresses.

Presentation Key

Each presentation has been assigned to a category that best represents its content and subject matter. Use the key on the right to find presentations that relate to the different subjects outlined. You can find these symbols on the left hand side of the presentation descriptions.



Ambassador East

Level 2
Session A1

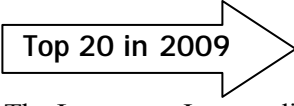
The Future is Here

Join Jim Brazell for a project-based learning workshop demonstrating a method of art-humanities-CTE integration.

- **Jim Brazell**, CEO & Founder at Ventureramp, Inc.
- Host: Brian Pyles, CTE Director, Shiawassee RESA*

Ambassador West

Level 2
Session A2
+



Top 20 in 2009

“Project Lead the Way” (PLTW) Brings National Engineering Curriculum to CTE Programs

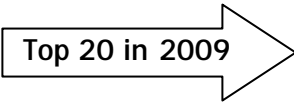
The Lenawae Intermediate School District TECH Center has teamed up with local districts in developing a model to integrate the PLTW National Engineering Curriculum into middle schools, high schools and CTE programs. This session will discuss the advantages of using the PLTW Curriculum and demonstrate ways to implement the program in your schools.

- **Kim Anderson-Small**, LISD STEM Director, LISD TECH Center
- **Paul Kuwik**, State of Michigan PLTW Director, PLTW

Host: Clifford Akujobi, Manager, Michigan Department of Energy, Labor & Economic Growth

Atrium

Level Lower Level
Session A3
+



Top 20 in 2009

MI NAVIGATOR—CTE’s New Electronic Portal

An overview to Michigan's new electronic curriculum system called NAVIGATOR.

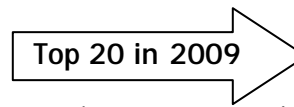
- **Katherine Manley**, Director, Michigan Center for Career & Technical Education, Ferris State University

- **Glenna Zollinger-Russell**, Supervisor, Office of Career and Technical Education, MDE

Host: Glenna Zollinger-Russell, Supervisor, Office of Career and Technical Education, MDE

Cascade

Level Lower Level
Session A4
□



Top 20 in 2009

Make a Difference: Don't Be Late for Early College

Learn how to partner with an Early College Program to make a real difference for your students and your programs! Learn how college partnerships can help you recruit students for your program, assist you in meeting your CTSO goals and expand professional development opportunities for CTE faculty and staff. Tips for student engagement will also be shared.

- **Deedee Stakley**, Director Early College, Lake Michigan College

Host: Deedee Stakley, Director Early College, Lake Michigan College

Emerald

Level 2
Session A5
▲

Applying Professional Standards for Michigan Teachers with Second-Career Teachers

The 2009-2010 cohort of the Professional Modularized Teacher Education (ProMoTEd) program will share the strategies they use as they earned certification. The panel will describe the strategies they are experiencing as students relate them to accepted methodologies and pedagogy, and share how they are implementing those strategies in their own classrooms.

- **Cheryl Thomas**, Associate Professor, Ferris State University
- **Mike Ennis**, Associate Professor, Ferris State University
- **ProMoTEd Students**, Ferris State University

Host: Cheryl Cluchey, Assistant Dean, Ferris State University

Gerald R Ford

Level 1

Session A6



Michigan Programs of Study - A Journey to Identify Student Academic Prerequisite Knowledge to Survive in Certificate and Associate Degree Programs

How can we better determine the success of high school graduates and adults who enroll in entry-level occupational education courses at Michigan community colleges? Michigan has developed and tested a model to assist community college faculty to determine the prerequisite knowledge to succeed in certificate and associate degree programs. The presenters will share their experience in establishing such a model and how the state will provide technical assistance to expand this model development across other community colleges.

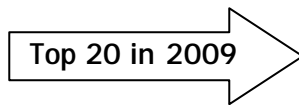
- **Jim Folkening**, Manager, Michigan Department of Energy, Labor & Economic Growth
- **Judy Stark**, Program of Study Consultant, Grand Rapids Community College
- **Fiona Hert**, Dean, School of Workforce Development, Grand Rapids Community College
- **Laurie Foster**, Professor of Biological Sciences, Grand Rapids Community College

Host: Jim Folkening, Manager, Michigan Department of Energy, Labor & Economic Growth

Governors

Level 2

Session A7



Students + Summer Programs + Employers = Synergy

We will describe the planning, classroom activities, worksite follow up, and the success stories for great summer programs.

- **Russ Davis**, Business Solutions Specialist, Delta College Corporate Services
- **Marlene Searles**, Director of the WIA, Saginaw County Education and Business Partnership

Host: Dave Jackson, Apprenticeship Representative, Office of Apprenticeship, United States Department of Labor

Grandview A

Level 3

Session A8



Preparing for a Nursing Career!

The LISD TECH Center Nursing Preparation program prepares high school seniors for the rigors and competitiveness of postsecondary nursing education. This innovative program incorporates academic skill building, involvement with clinical rotations, and the integration of a combined high school/postsecondary educational experience that may lead to gaining credit through a dual enrollment, direct credit, or articulated credit opportunity. A cutting edge scholarship program presents each student with the opportunity to gain financial assistance towards their postsecondary nursing education.

- **Lisa Dunlap**, Nursing Preparation Instructor, Lenawee ISD

Host: Charles Schwarz, Principal, Wexford-Missaukee ISD

Grandview B-C

Level 3

Session A9



LISD TECH Center High School Content Expectations Alignment and Recommendation for Credit

The LISD TECH Center, with unanimous approval from the 12 local districts in Lenawee County to recommend academic core credit for specific CTE programs, is developing assessments to monitor progress in several programs. This process includes mapping the segments on a calendar, identifying how instruction will be delivered, aligning necessary resources, and developing assessments to measure student achievement towards each technical and core academic standard.

- **Leslie Coates**, Academic Consultant, Lenawee ISD
- **Dick Clark**, Academic Consultant, Lenawee ISD

Host: Halyna Bialczyk, Regional CTE Administrator, Wayne RESA

Heritage Hill

Level 3

Session A10



Developing a Renewable Energy Education Strategy

This presentation will introduce turnkey renewable energy programs for residential wind and solar photovoltaic installation. These programs are tied to national certifications through the Electronics Technician Association and will prepare the student for the organization's exams.

- **Paul Agosta**, President, Applied Technology Systems
- **Tim Shiery**, Electronics Instructor, Michigan Career Technical Institute

Host: Patricia Talbott, Consultant, Office of Career and Technical Education, MDE

Imperial

Level 1

Session A11



Do Students Have What it Takes For Today's Jobs?

Are students prepared to enter the job market? What skills do new employees need? A panel of human resource managers representing large businesses and industries will discuss the trends in the job market and how educators can help prepare the future workforce.

- **Jamie Hess**, Education Consultant, Office of Career and Technical Education, MDE
- **Carol Clark**, Education Consultant, Office of Career and Technical Education, MDE
- **Dawn Stephenson**, Human Resources Manager, Varnum, Riddering, Schmidt & Howlett, LLP
- **Diana Baranoski**, Lead Human Resource Generalist, Spectrum Health

Host: Carol Clark, Education Consultant, Office of Career and Technical Education, MDE

Pantlind

Level 2

Session A12



Freshman Focus

Freshman Focus was designed for ninth grade students, supporting their transition into high school. The project provides Career Pathway information and activities, assisting students as they prepare, research, and gather data/information about career choices via small learning communities. Freshman Focus activities include a brochure "targeting" Freshmen about Career Pathways, DNA model for the LISD TECH Center, and activities to "Expand Your Horizons," a personal invitation to the LISD TECH Center Open House (with prizes and information), and an overnight visit to Siena Heights University (SHU). Hudson Area Schools ninth graders (67) attended a college informational class, looked at career options, and visited with college students, faculty, and staff. They also attended a SHU women's varsity basketball game and participated in a campus scavenger hunt and games in the student union. Students then spent the night on campus.

- **Karen Cheney**, High School/Middle School Counselor, Hudson Area Schools
- **Connie Barth**, Career Preparation Coordinator, Lenawee ISD
- **Sarah Korth**, Assistant Director of Admissions, Siena Heights University
- **Susie Mansfield**, High School/Middle School Counselor, Hudson Area Schools

Host: Cynthia Candela, Job Placement Coordinator, Wayne-Westland Community Schools

Pearl

Level 2

Session A13



Making the Connection

The importance of combining business and industry leaders, advisory committee members, and unpaid work experience to help bridge the gap in developing a meaningful and successful learning opportunity.

- **Jeryn Frederick**, Program Manager, Branch Area Careers Center

Host: Charles Parker, Dean, Career and Occupational Education, Kellogg Community College

Vandenberg A

Level 2

Session A14



Using Blended Learning to Deliver Rigorous and Relevant Academic Content in a CTE Setting

This presentation describes the process used to expand academic content offered in the Career Technical Education (CTE) setting through a blended model of instruction. Our purpose is to combine CTE and core academics with online and face-to-face instruction. In this way, we aim to implement something that is truly innovative.

- **Deborah VanDyke**, Academic Instructor & Consultant, Kent Career Tech Center
- **Jason Kalis**, Academic Instructor & Consultant, Kent Career Tech Center

Host: Jarrad Grandy, Assistant Director, Regional Career and Technical Programs, Kent ISD

Vandenberg B

Level 2

Session A15



Own Your Business Own Your Future: So You Think You Want to be an Entrepreneur

This initiative was started with funding from the Workforce Innovation and Regional Development (WIRED) grant and will be sustained under the Tech Prep Grant. This Region 14 consortium event will become an annual youth business plan competition involving students who are in state-approved programs.

- **Toni Glasscoe**, Director of K-12 Initiatives and Career Preparation, Lansing Community College (LCC)

Host: Toni Glasscoe, Director of K-12 Initiatives and Career Preparation, LCC

Winchester

Level 3

Session A16



Serving a Diverse Student Population in STEM

This session will address the unique needs of students from historically under-represented populations as they discover and prepare for collegiate study and careers in STEM fields. Strategies for addressing student and systemic barriers to persistence will be discussed with a focus on developing skills that promote student resiliency and persistence.

- **Erin Belinger Goossen**, Academic Advisor, GRAPCEP, Davenport University
- **Jason McGhee**, Academic Advisor, GRAPCEP, Davenport University

Host: Liz Jones, Career Focused Education Consultant, Kent ISD

Luncheon Session

12:00 p.m. – 1:30 p.m.



Bill Sanders
Motivational Speaker

“For Such a Time as This”

You were chosen for such a time as this. During these uncertain times, each child that will sit before you needs assurance that they are capable and wonderful and that with you in their lives things will work out just fine. Bill Sanders will help you remember why you chose teaching in the first place. You will laugh, reflect, be energized, and learn some ways to make this year your best yet.

1:30 p.m. - 1:45 p.m.Networking/Exhibitor Break..... Crown Foyer and West Concourse
(Refreshments available in Crown Foyer and West Concourse)

Ambassador West

Level 2

Session B1

**Setting up your CTE Program for Student Success**

Additional requirements make it necessary for CTE programs to make changes. The Graphic Communications program at the Calhoun Area Career Center is doing that and last year was recognized as an exemplary program at the Career Conference. This session will examine innovations that could be used in any program.

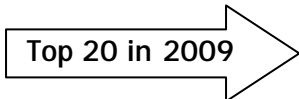
- **Heidi LaGrow**, Graphic Communications Instructor, Calhoun Area Career Center
- **William Wilson**, Graphic Communications Instructor, Calhoun Area Career Center

Host: Jan Vogel, Consultant, Office of Career and Technical Education, MDE

Atrium

Level Lower Level

Session B2



 Top 20 in 2009
Retooling CTE in Michigan - Part I

This session will provide steps one through four of the eight strategies for retooling CTE in Michigan. Opportunities will be provided for discussion and reflection on these critical strategies.

- **Katherine Manley**, Director, Michigan Center for Career & Technical Education, Ferris State University
- **Glenna Zollinger-Russell**, Supervisor, Office of Career and Technical Education, MDE

Host: Glenna Zollinger-Russell, Supervisor, Office of Career and Technical Education, MDE

Cascade

Level Lower Level

Session B3

**Math + CTE + Academic Credit + Standards = Making a Difference**

This presentation will chronicle the journey a northwestern Michigan career and technical center embarked upon in its mission to provide academic curriculum in its technical programs. Technical and math instructors will discuss their collaborative work in meeting the Michigan Merit Curriculum requirements in Algebra II, Geometry, and 4th year math.

- **Randy Kitzman**, Skilled Trades Instructor, TBAISD Career-Tech Center
- **Deb Menchaca**, Math Instructor, TBAISD Career-Tech Center

Host: Clifford Akujobi, Manager, Michigan Department of Energy, Labor & Economic Growth

Emerald

Level 2

Session B4

**K-12 Career Tools & Activities**

Looking for career and pathway focused activities? In this presentation you will find out how to access an online library of pathway-focused activities to use with K-12 students. Also covered in this session will be EDP grade level recommendations for 7-12.

- **Karen Owen**, Customer Relations, Michigan Virtual University
- **Justin Meese**, Database Administrator, Michigan Virtual University
- **Tracy Miller**, Teaching and Learning Services, Kalamazoo Public Schools

Host: Al Nowak, Coordinator, Lansing Community College

Gerald R Ford

Level 1

Session B5

**Secondary CTE Assessments: The Selection/Development Process**

This presentation will outline the process Office of Career and Technical Education is using to select assessments for Perkins reporting.

- **Jill Kroll**, Education Research Consultant, Office of Career and Technical Education, MDE
- **Carol Clark**, Education Consultant, Office of Career and Technical Education, MDE
- **Norma Tims**, Education Consultant, Office of Career and Technical Education, MDE

Host: Norma Tims, Education Consultant, Office of Career and Technical Education, MDE

Governors

Level 2

Session B6



Top 20 in 2009

Planning and Partnering for Technology Enhanced Programs Through Sustained Funding

This session will focus on the planning process for the development of private sector and public sector partnerships that lead to receiving sustained funding for energy and technology related programs and projects.

- **Larry Blackmer**, Founding Partner, The Grant Writing Network LLC
- **Gretchen Spedowske**, Project Coordinator, Ferris State University

Host: Gretchen Spedowske, Project Coordinator, Ferris State University

Grandview A

Level 3

Session B7



America's Marketing High School

America's Marketing High School is a nation-wide online business marketing curriculum that incorporates lectures, podcasts, and student surveys that bring the impact of marketing to life in your classroom. Coursework includes a capstone project based on the Super Bowl.

Professor Bernacchi provides 16 lecture modules that have supporting classroom materials.

- **Paul Galbenski**, Instructor, Oakland Schools
- **Mike Bernacchi**, Professor, University of Detroit Mercy

Host: Cynthia Candela, Job Placement Coordinator, Wayne-Westland Community Schools

Grandview B-C

Level 3

Session B8



Preparing Early Childhood Development CTE Students for a High Wage

A vision to expand an established CTE Early Childhood Development Program to include an integrated birth to five continuum has become reality. Learn and discuss the challenges and rewards to planning, preparing, and delivering Creative Curriculum to high school students, as well as infants, toddlers, and young fives involved with the Young Children's Services at LISD TECH Center Preschool program.

- **Heidi Cagle**, Careers in Early Childhood Development/CTE Instructor, Lenawee ISD
- **Elizabeth Phelan**, Early Childhood Special Education Teacher, Lenawee ISD

Host: Halyna Bialczyk, Regional CTE Administrator, Wayne RESA

Haldane

Level 3

Session B9



The Power of Collaborative Work Practices

Rethink current collaborative approaches and leadership practices to create a learning environment that promotes a culture of trust, participation, and ownership. Examples of innovative approaches, protocols, tools, and projects will be examined.

- **Brenda Belcher**, Director, Crockett Career and Technical Center, Detroit Public Schools

Host: Terri Giannola, Education Research Coordinator, Office of Career and Technical Education, MDE

Heritage Hill

Level 3

Session B10



Career Development Using a 21st Century Online Curricula

Participants will learn about an online curricula to develop IT and literacy skills through a career development process. Students complete assessments, conduct online career research, interview a professional, and summarize findings in a career narrative. Students are linked with a mentor through electronic mail to coach them in this process.

- **Peg Lamb**, Director of High School Diploma Completion Initiative, Lansing Community College
- **Kevin Madison**, Case Manager, Lansing Community College

Host: Toni Glasscoe, Director of K-12 Initiatives and Career Preparation, LCC

Imperial

Level 1
Session B11
☀

I’m a Life Toucher

Life-Touchers realize that their attitude and outlook set the tone for student learning and parent involvement. You will receive one of Bill’s famous ‘Life Toucher’ posters. You will laugh and learn some wonderful ways of taking care of yourself, reaching the hard to reach, and staying positive in a negative world.

- **Bill Sanders**, Motivational Speaker
Host: Christine Reiff, Consultant, Office of Career and Technical Education, MDE

Pantlind

Level 2
Session B12
+

MI Learning on iTunes U – MI Workforce Development Gateway

MI Learning on iTunes U is an educational resource of podcasts and PDF files. Michigan’s unique approach from others in K-12 on iTunes U is the MDE’s grass-root, bottom-up design driven by MACUL. Let’s look at how Michigan is using Apple’s entertainment technologies to educate the workforce of its future.

- **Joel Milinsky**, Instructional E-Learning Technologist, Oakland Schools
Host: Ieesha Perkins, Coordinator, Lansing Community College

Pearl

Level 2
Session B13
+

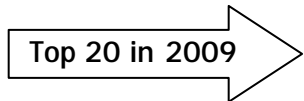
Entrepreneurship: The Missing Link!

Whether actually starting a business or not, entrepreneurial skills are critical in today’s job market. This session explores how entrepreneurship curriculum and concepts can be incorporated into any CTE subject area. Participants will examine curricula, how it meets state benchmarks and standards, and a plan to integrate entrepreneurship into classes.

- **Cheryl Peters**, IGNITE/Generation E Institute
Host: Jamie Hess, Education Consultant, Office of Career and Technical Education, MDE

Vandenberg A

Level 2
Session B14
☀



Electronic Portfolios - A Hands-On Approach

This will be a hands-on presentation to help students create a capstone project/electronic portfolio and to teach students how to market their skills, experience, education, and achievements in a fun and exciting way.

- **John Partridge**, Electronic Portfolios, Wexford-Missaukee Career Technical Center
- **Sarah McKeever**, Instructor, Wexford-Missaukee Career Technical Center
Host: Rebecca Stimson, Consultant, Lansing Community College

Vandenberg B

Level 2
Session B15
☐

Sports Television

This presentation will illustrate how to “crack the egg” to get into the exciting field of television by showing video and telling stories about my 15+ years in the Detroit Sports market.

- **Patrick Morrow**, Digital Media Instructor, Gibraltar School District
Host: Gretchen Spedowske, Project Coordinator, Ferris State University

Winchester

Level 3
Session B16
+

Changing CTE Programs to Fit the New Michigan State Curriculum

Shorter specific classes are created that meet segment requirements. With the elimination of minimum hour time, this change is easy. Shortening courses with creative course labeling allows students more options to choose CTE classes.

- **Chuck Sanecki**, Automotive Technology Instructor, Bedford High School
Host: Brenda Mazuca, Department Specialist, Office of Career and Technical Education, MDE

2:45 p.m. - 3:00 p.m.Networking/Exhibitor Break..... Crown Foyer and West Concourse
(Refreshments available in Crown Foyer and West Concourse)

Ambassador East

Level 2

Session C1

**Scaling the Universe with Mathematics**

This presentation demonstrates how hands-on NASA activities provide two major things for students: 1) they help students develop an intuitive understanding of large and small numbers, and; 2) they show students how the NASA missions are related to mathematical knowledge. NASA online materials are free to educators.

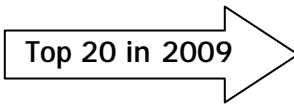
- **Mary Garrett**, Educator Ambassador, NASA Education Payload Operations

Host: Clifford Akujobi, Manager, Michigan Department of Energy, Labor & Economic Growth

Atrium

Level Lower Level

Session C2



 Top 20 in 2009
Retooling CTE in Michigan - Part II

This session will provide the remaining four of eight strategies for retooling CTE in Michigan. Opportunities will be provided for discussion and reflection on these critical strategies.

- **Katherine Manley**, Director, Michigan Center for Career & Technical Education, Ferris State University

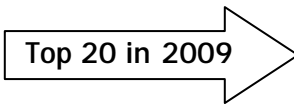
- **Glenna Zollinger-Russell**, Supervisor, Office of Career and Technical Education, MDE

Host: Glenna Zollinger-Russell, Supervisor, Office of Career and Technical Education, MDE

Cascade

Level Lower Level

Session C3



 Top 20 in 2009
Promoting CTE Through Newspaper Pathway Ads

Learn about an innovative partnership between CTE-Tech Prep, as well as Lake Michigan College, Michigan Works, Lakeland Regional Health System, and the Herald Palladium Newspaper NIE, to promote workforce development, career education, secondary and postsecondary training for citizens in our community. Michigan Works provides a career guide that forecasts job openings in our area. Using this document, the partnership features 18 full-page ads in the Herald Palladium for students and adults promoting career pathways and high skill, high wage careers in our area. The information is gathered and laid out by staff at Michigan Works and sent to the newspaper, which prints it as part of its daily publication. Copies are made available free of charge to the districts for students at all educational levels.

- **Paul Bergan**, Regional Director, Berrien RESA

- **Scott Starkweather**, Director, Van Buren Technology Center

Host: Deedee Stakley, Director Early College, Lake Michigan College

Emerald

Level 2

Session C4

**H.O.P.E. Scholars: Students Making a Commitment to Their Education and a Brighter Future**

The H.O.P.E. Scholarship Program is a crime prevention and education initiative with multiple community partners that includes the City of Lansing, Lansing Community College (LCC), and Lansing School District. Students identified in sixth grade are guaranteed two years of postsecondary education at no cost to them or their families if they graduate.

- **Toni Glasscoe**, Director of K-12 Initiatives and Career Preparation, LCC

- **Al Nowak**, K-12 Transitional Program Coordinator, LCC

Host: Toni Glasscoe, Director of K-12 Initiatives and Career Preparation, LCC

Gerald R Ford

Level 1

Session C5



Meeting the Educational Needs of Unaccompanied Homeless Youth

“Unaccompanied homeless youth” are young people who have run away from home, been asked to leave home, or left home with the consent of a parent. These students' unique needs often pose challenges for educators and schools. This session will review the educational rights of these students; provide strategies for their identification, enrollment, and academic success; and offer other strategies and resources to welcome, engage, and support unaccompanied youth in school. Successful examples of McKinney-Vento Homeless Education Programs for this population will also be presented.

- **Sam Sinicropi**, Homeless Education Consultant, Michigan Department of Education
- **Pam Kies-Lowe**, State Coordinator for the Homeless Education, Office of Field Services, Special Populations Unit, MDE

Host: Halyna Bialczyk, Regional CTE Administrator, Wayne RESA

Governors

Level 2

Session C6



Bridging Education and Business Through Quality Learning

Presentation will be a PowerPoint presentation with hand-outs of quality tools that will be discussed throughout the program.

- **Christine Eaton**, Curriculum Coordinator, Capital Area Career Center, Ingham ISD
- **Laurie Miller**, Capital Area Healthcare Education Partnership Program Instructor, Capital Area Career Center, Ingham ISD

Host: Cynthia Candela, Job Placement Coordinator, Wayne-Westland Community Schools

Grandview A

Level 3

Session C7



Developing Careers in Biochemical Technology Program: Preparing Students for Tomorrow's Careers

The Lenawee Intermediate School District Tech Center Careers in Biochemical Technology program has been developed to engage and excite high school students for careers in science, technology, and engineering. This presentation will provide information about how the program developed and, currently in its third year, continues to evolve. Specific information about the curriculum, facilities, equipment, instructional strategies, and best practices will be shared.

- **Toby West**, Careers in Biochemical Technology Instructor, Lenawee ISD

Host: Donna Beltz, Department Analyst, Office of Career and Technical Education, MDE

Grandview B-C

Level 3

Session C8



MCPA: Let's Make a Difference in Your Student Placements

The MCPA (MI Career Placement Association) is a state-wide organization comprised of placement coordinators who work to improve the learning environment for students in workplace learning settings. This session will introduce you to some of the rules and regulations of student placements, the sources of information, and the people involved who can help answer your questions.

- **Richard P. Moll**, Career Prep Coordinator, Greenville Public Schools
- **Sasamon Parker**, Placement Specialist, Muskegon Area Career Tech Center

Host: Diana Bailey, Department Specialist, Office of Career and Technical Education, MDE

Haldane

Level 3

Session C9



Strengthening Relevance and Relationships in Academic Classrooms

Why do I have to learn this? Teachers, students, and parents often don't realize how specific skills and knowledge in academics are important to students' futures. Discover simple ways to make career-relevant connections with students. Career relevance takes only minutes of time, but generates effective conversations and connections with students!

- **Kristen Garceau**, Project Manager, Intermediate School District Partnerships

Host: Ieesha Perkins, Coordinator, Lansing Community College

Heritage Hill

Level 3

Session C10



The LISD TECH Center Program Annual Review (PAR) Process

The LISD TECH Center Program Annual Review (PAR) process, completed in December each year, illustrates where each LISD TECH Center program has been, where it stands today, and where it is headed in the future. Each PAR includes employment forecast data for southeast Michigan, including Washtenaw, Livingston, Jackson, Lenawee, and Hillsdale counties, as well as a four county area in Ohio. This is based on information from the Michigan Department of Energy, Labor & Economic Growth and in partnership with the Lenawee Economic Development Corporation. Each PAR continues to be important to provide students with program options that align to the rapidly changing Michigan and global economy.

- **Ryan Rowe**, Principal-LISD TECH Center, Lenawee ISD

Host: Terri Giannola, Education Research Coordinator, Office of Career and Technical Education, MDE

Imperial

Level 1

Session C11



Bio-Technical Engineering

Our Bio-Technical Engineering program allows students to acquire the skills to produce surgical implants, artificial limbs and other medically-oriented pieces using CNC techniques. Additionally, the dual-enrollment status of the program allows students to earn high school and college credit (at Macomb Community College) concurrently.

- **Frank Antonucci**, Principal/CTE Director, Warren Consolidated Schools
- **Kathleen Szuminski**, Principal, Carter Middle School

Host: Jarrad Grandy, Assistant Director, Regional Career and Technical Programs, Kent ISD

Pantlind

Level

Session C12



Understanding the Michigan National Career Readiness Certificate (NCRC) and How it Can Impact the Transformation of the State's Economy Through a Skilled Labor Force

This session will concentrate on the NCRC program from a Michigan perspective to include its usage in various state programs, certificate results data, and its impact on the state's economy.

- **Dennis Dunlap**, Associate Superintendent for CTE, Gratiot-Isabella RESD
- **Keenan Wade**, Program Manager, Meeting Employer Needs Division, Department of Energy, Labor & Economic Growth

Host: Cathy Green, Tech Prep Coordinator, Grand Rapids Community College

Pearl

Level 2

Session C13



NEW CDX Automotive Goes "Green" with Alternative Fuel Technology and E-learning

NEW CDX Automotive provides online instructor resources and student e-learning for Alternative Fuel Technology. (Exhibitor Session)

- **Ken Miller**, Learning Consultant, CDX

Host: Liz Jones, Career Focused Education Consultant, Kent ISD

Vandenberg B

Level 2

Session C14



Using Futuring Strategies for Career Education Program Development

Framed within challenges exposed from key education indicators, this presentation uses Futuring as a tool to explore program design for high demand career preparation. This session uses a combination of presentation and audience discussion. The audience will also have access to online resource tools for program development. (Exhibitor Session)

- **Mary Brown**, Principal Consultant, Lee Alexander Consulting

Host: Deb Miller, EFE Executive Director, Kalamazoo RESA



Recruitment & Retention of Females in Programs Nontraditional for their Gender: Strategies that Work at a Secondary Career Technical Center

Using available data and common sense, learn how to overcome obstacles, gain support, and change attitudes to increase enrollment of females in nontraditional career programs. The how and why of a recruitment activity for 7th grade girls will also be explained. Powerpoint format, handouts, and resources provided.

- **Larry Loviska**, Branch Area Careers Center
- **Mary Ann Catron**, Branch Area Careers Center

Host: Charles Parker, Dean, Career and Occupational Education, Kellogg Community College

**Serving Educators
Building Futures**

Ferris State University

Students at Ferris State University get big-school resources with plenty of extracurricular activities in a relaxed, small-town setting in the heart of west-central Michigan. Let Ferris make a difference in your life.

www.ferris.edu

Region 7 Tech Prep Partnership
Mason-Lake-Osceola-Newaygo-Mecosta

Part of a national educational initiative that involves restructuring traditional curricula and introducing new teaching approaches at the secondary and post-secondary levels. Viewed as one of the most innovative and effective educational reform efforts in American history, Tech Prep connects learning to career pathways and provides students with the knowledge, skills and behaviors they need to compete successfully in the technologically advanced workplace of tomorrow.

www.ferris.edu/htmls/administration/academicaffairs/techprep


**FERRIS STATE
UNIVERSITY**
Imagine More

Tuesday, February 2

7:00 a.m. - 11:30 a.m.	Registration/Information	Center Concourse
7:00 a.m. - 7:30 a.m.	Breakfast Buffet	Ambassador Ballroom
7:30 a.m. - 8:15 a.m.	Panel Discussion	Ambassador Ballroom
Randy Showerman , Moderator; Eddie Tadlock , Assistant General Manager, DeVos Place, Grand Rapids, MI; Brion Dickens , Licensed Contractor and Owner, Woodland Wind LLC, Pigeon, MI; Kate Withers , Research Specialist, Crop and Soil Science, Michigan State University, East Lansing, Michigan		
12:00 p.m. - 1:30 p.m.	Closing Session and Lunch	Ambassador Ballroom

Session D

8:30 a.m. – 9:30 a.m.

Atrium

Level Lower Level

Session D1



They Have Their NCRC, Now What's The Plan?

Students now have the potential to graduate with a National Career Readiness Certificate, but do they know what it means and how to apply it to a career? Hear how Kent ISD, Grand Rapids Community College, and Discover You are working together to integrate career planning through standard assessment and structured career coaching.

- **Lee Payne**, Managing Owner, Discover You
- **Rachael Jungblut**, Grand Rapids Community College

Host: Cathy Green, Tech Prep Coordinator, Grand Rapids Community College

Cascade

Level Lower Level

Session D2



Enthusiasm for Tomorrow with NASA

In economically depressed times, we need to help our students look forward to career possibilities that lie beyond Michigan and the USA. In this presentation, we will look at recent and current NASA activities and discoveries and ways to link the excitement of space exploration with free classroom problems.

- **Mary Garrett**, Educator Ambassador, NASA Education Payload Operations

Host: Rebecca Stimson, Coordinator, Lansing Community College

Emerald

Level 2

Session D3



Automotive E-Learning Explained

NATEF now allows up to 25% of required automotive instruction to be met utilizing e-learning technology. So exactly what qualifies as e-learning and how do I incorporate this into my program? Discover a concept of blended learning that simplifies your life and can provide additional hours to meet NATEF requirements.

- **Skip Saurman**, National Education Director, Megatech Corporation

Host: Dave Jackson, Apprenticeship Representative, Office of Apprenticeship, United States Department of Labor

Gerald R Ford

Level 1

Session D4



Criminal Justice - Past, Present, and Future

The Van Buren Law Enforcement Program began in 1997 and has grown and changed over the past 13 years. It is unique to most programs with Integrated Academics instruction within the program. The partnerships developed, both within the instruction and outside agencies, will be discussed as a model.

- **Donald Yerrick**, Job Placement Coordinator, Van Buren Technology Center
- **Matt Whitman**, Law Enforcement Instructor, Van Buren Technology Center
- **Megan Zapalowski**, Integrated Academic English Teacher, Van Buren Technology Center

Host: Deb Miller, EFE Executive Director, Kalamazoo RESA

Governors

Level 2

Session D5



Flexible Scheduling for Achievement with the MMC

Bronson Jr/Sr High School has developed a unique schedule to provide students opportunities for career development, credit recovery, supplemental support, and middle-college-like programming: all while having among the lowest per-pupil revenues in the state! Come see how Bronson came to this schedule and how it might work for you.

- **Ric Seager**, Principal, Bronson Jr/Sr High School
- **Laura Baker**, Counselor, Bronson Jr/ Sr High School

Host: Lynda Bommarito, Teacher, Garden City High School

Grandview A

Level 3

Session D6



Free Transportation and Civil Engineering (TRAC) Program Hands-on Materials

Free interactive TRAC modules for use in Science, Math, Social Science, and Physics classes in grades 7-12. The Michigan Department of Transportation offers free training and supplies. The teachers can choose between eight different modules - Bridge Builder, Environment, City Planning, Traffic Technology, Design and Construction, Highway Safety, Motion, and Maglev. Each module includes detailed teaching instructions, software and materials. (Exhibitor Session)

- **Jan Pohl**, TRAC Program Manager, Michigan Department of Transportation
- **David McCreight**, TRAC Trainer, Michigan Department of Transportation

Host: Brian Pyles, CTE Director, Shiawassee RESD

Grandview B-C

Level 3

Session D7



More Strategies for Helping Students Find Their Strengths

Come and learn ways to help students connect school and learning with career pathways (participatory session). Leave with practical things to do to help you and your teachers teach their subject area along with career awareness.

- **Peggy Molter**, MA, LPC, Counselor, Adrian Public Schools

Host: Christine Reiff, Consultant, Office of Career and Technical Education, MDE

Haldane

Level 3

Session D8



Passport to Alternative Energy Careers

The Alternative Energy Passport Curriculum is in its second year of implementation. Participants will receive an overview of the Passport Curriculum including wind, solar, bio fuels, green construction, advanced transportation systems, and sustainable agriculture. Alternative energy projects currently in place and operating will be discussed in detail.

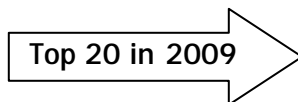
- **Gene Pierce**, Assistant Superintendent, Tuscola ISD
- **Mike Rivard**, Principal, Bay-Arenac ISD

Host: Deedee Stakley, Director Early College, Lake Michigan College

Heritage Hill

Level 3

Session D9



Blue Collar White Collar Gold Collar Green Collar No Collar

Do the terms blue collar and white collar have any relevance in today's work world? Where do gold collar and green collar fit in? This session will propose that the mix is becoming so blurred that we may be entering a world best described as No Collar jobs.

- **Lawrence Schlack**, Consultant, Kalamazoo Regional Educational Service Agency

Host: Jim Folkening, Manager, Michigan Department of Energy, Labor & Economic Growth

Pantlind

Level 2

Session D10



Student Engagement and Project-Based Learning

PowerPoint presentations and hands-on tasks will be used to show the audience the benefits of implementing project-based instruction and effective assessment strategies to evaluate student works. This program will be interactive and will engage the audience.

- **Deepak Shivraman**, Training/Education Manager, Employment Training Designs

Host: Al Nowak, Coordinator, Lansing Community College

Pearl
Level 2
Session D11
▲

The Impact of the Perkins Act on the Operation of CTE

Changes in the Perkins Act have impacted the operation of CTE in the U.S. Come learn how one researcher has been able to determine how certain significant changes have positively and negatively impacted CTE. He shares methods you can use to become a participant in the legislative process.

- **R. Adam Manley**, Assistant Professor of CTE, Western Michigan University
Host: Deb Lonik, Financial Specialist, Office of Career and Technical Education, MDE

Vandenberg A
Level 2
Session D12
☀

The Purpose Driven EDP

Education Development Plan (EDP) is the new buzz word in education; yet it is not in our students' vocabulary. We have established a process that will assist our students to recognize, value, and find purpose in the EDP by collaboration of local middle/high schools and career and technical education.

- **Linda Beemer**, Guidance Counselor, Branch Area Careers Center
- **Kevin Paradine**, Guidance Counselor, Quincy High School
Host: Donna Beltz, Department Analyst, Office of Career and Technical Education, MDE

Vandenberg B
Level 2
Session D13
+

Evaluation of the Secondary CTE Assessment Process

Participant discussion of the results of the assessment evaluations from 2008-2009.

- **Jill Kroll**, Education Research Consultant, Office of Career and Technical Education, MDE
- **Carol Clark**, Education Consultant, Office of Career and Technical Education, MDE
- **Norma Tims**, Education Consultant, Office of Career and Technical Education, MDE
Host: Norma Tims, Education Consultant, Office of Career and Technical Education, MDE

Berkey
Level 3
Session D14
□

The Case for Academies

Reimagining. Academic integration. Race to the Top. Student engagement. So many topics, so little time! One learning community encompasses many of these concepts - Career-themed Academies. Used widely outside Michigan, this session presents the benefits, required elements of integrated, multi-disciplinary academies which provide the CTE relevance for our Millennial students.

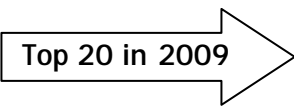
- **John Williams**, Consultant, Ed-Connect
Host: Ieesha Perkins, Coordinator, Lansing Community College

9:30 a.m. - 9:45 a.m.Networking/Exhibitor Break..... Crown Foyer and West Concourse
(Refreshments available in Crown Foyer and West Concourse)

Atrium

Level Lower Level

Session E1



 Top 20 in 2009
Applying a Systems Approach to CTE Curriculum

A systems approach to curriculum development is critical for CTE's future. This session will explain the systems approach and provide examples of how to implement it in all areas of CTE.

- **Katherine Manley**, Director, Michigan Center for Career & Technical Education, Ferris State University

Host: Jan Vogel, Consultant, OCTE, MDE

Cascade

Level Lower Level

Session E2

**Personal Finance Education for High School Students**

Receive an overview of a 16 week curriculum that walks students through healthy money management skills. Participants will enjoy the ease and simplicity of lesson plans created for them by other educators that help students establish positive habits now to decrease their chances of accruing debt later in life.

- **Amy Broekhuizen**, Family and Consumer Science Educator, East Kentwood High School

Host: Cathy Green, Tech Prep Coordinator, Grand Rapids Community College

Emerald

Level 2

Session E3

**Leveraging E-Learning to Reduce Costs and Improve Effectiveness**

A review of an E-Learning model that provides new instructor tools, including access to a graphic database, unique reporting features, incentives for increased homework, reduced reliance on expensive textbooks, and improved test scores. Instructor control of the learning process is paramount.

- **Rod Boyes**, President, Today's Class/Melior

- **Tom Lowe**, Auto Instructor, Calhoun ISD

Host: Deb Lonik, Financial Specialist, Office of Career and Technical Education, MDE

Gerald R Ford

Level 1

Session E4

**Using an Advisory Board as Active Partners in New Program Development**

Community college leaders need 21st century skills. Learn how one college built their leadership program with the guidance of a national advisory board. Practitioners were involved in all areas of development - and ultimately delivery, as several signed on to teach. Learn about the successes as well as the challenges.

- **Roberta Teahen**, Associate Vice President, Ferris State University

- **Donald Burns**, President Emeritus, Montcalm Community College

Host: Cheryl Cluchey, Assistant Dean, Ferris State University

Governors

Level 2

Session E5

**Helping Students Make Good Career Decisions Through May Term**

Bronson Jr/Sr High School and the Branch Area Careers Center have developed a unique opportunity for students to explore opportunities associated with their EDPs during the term prior to enrollment. This opportunity allows students to make better choices about their career pathways and decide if the program is right for them.

- **Ric Seager**, Principal, Bronson Jr/Sr High School

- **Mike Hoffner**, Principal, Branch Area Careers Center

Host: Deb Miller, EFE Executive Director, Kalamazoo RESA

Grandview A

Level 3

Session E6



Longitudinal Data System and E-Transcripts

This presentation will cover the longitudinal data system (LDS) and E-Transcripts. The state-assigned student Unique Identification Code (UIC) will be placed onto the transcript, making the link between secondary and postsecondary education records.

- **Melissa Bisson**, Project Manager, Center for Performance and Information, State of Michigan

- **Tom Howell**, Director, Center for Performance and Information, State of Michigan

Host: Christine Reiff, Consultant, Office of Career and Technical Education, MDE

Grandview B-C

Level 3

Session E7



Develop Partnerships with Non-Profits to Make a Difference for Learners and Communities

The presenters will facilitate an interactive conversation on strategies to develop partnerships with communities, governments, and non-profit organizations in order to design authentic workplace learning environments for students, such as Neighborhood Stabilization Programs. Participants will explore partnerships and design projects that could make a difference for their students and communities.

- **Richard Moscovic**, Carpentry Instructor, Oakland Technical Campus-Northwest

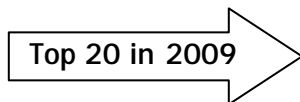
- **Linda Denstaedt**, Consultant, Michigan Writers Project

Host: Lynda Bommarito, Teacher, Garden City High School

Heritage Hill

Level 3

Session E8



Careers Without College: Not a Second-Class Option

How do we answer students who ask, "What if I don't want to go to college?" Let's tell them only 20% of tomorrow's jobs will require a B.A. This interactive session describes the other 80% which includes well-paying careers that all students and their parents should know about.

- **Lawrence Schlack**, Consultant, Kalamazoo Regional Educational Service Agency

Host: Al Nowak, Coordinator, Lansing Community College

Imperial

Level 1

Session E9



Show Me Green: A View of the Green Construction Landscape

The program will have three main components. The first being a brief introduction of the speaker and discussion of what it means to build Green. Then the HGTV video segment will begin providing a professionally produced case study. Finally, a PowerPoint presentation will be shown.

- **Brindley Byrd**, Executive Director, Michigan Construction Career Council

Host: Patricia Talbott, Education Consultant, Office of Career and Technical Education, MDE

Pantlind

Level 2

Session E10



Career Planning: Three Weeks to Educated Decisions

More than ever, high school students, college students, and adults need the skills to find employment. At Jenison Public Schools, all 11th graders complete an entire employability unit. Presenters will share lessons that provide students with the employability skills necessary for today and the future. CDs with the entire unit will be distributed.

- **Kelly Kirkland**, Family and Consumer Science Instructor, Jenison Public Schools

- **Melissa Rodgers**, Family and Consumer Science Instructor, Jenison Public Schools

Host: Charles Schwarz, Principal, Wexford-Missaukee ISD

Pearl

Level 2

Session E11



Teaching Career and Employability Skills in the CTE Classroom

Should we teach these skills in the CTE classroom? In this presentation, the presenter will highlight research on both sides. Additionally, he will share his research that helped one school district identify teacher/student characteristics, as well as teaching methods that correlated with success on a Career and Employability Skill Assessment.

- **R. Adam Manley**, Assistant Professor of CTE, Western Michigan University

Host: Dave Jackson, Apprenticeship Representative, Office of Apprenticeship, United States Department of Labor

Vandenberg A

Level 2

Session E12



Workpaths.com - Connecting Education with Business

Workpaths.com offers students work-based learning experiences connecting what they learn in the classroom to the world of work. This session will showcase our redesigned website and time to search our data base of participating employers. Presenters will discuss workpaths.com history and how to start a similar program in your community.

- **Anna Kruse**, Consultant, workpaths.com
- **Liz Jones**, Career Focused Education Consultant, Kent ISD

Host: Liz Jones, Career Focused Education Consultant, Kent ISD

Vandenberg B

Level 2

Session E13



When 'Text' is a 4-Letter Word

Presenters from the Calhoun Area Career Center dispel the myth that students learn basic academic skills most effectively in traditional classrooms. Developing a literacy-supportive classroom culture can deepen student understanding of course content and actually make teaching easier and more fun. "Literacy Roundtable" serves as a follow-up to this session.

- **Dennis Hunt**, English Language Arts Consultant, Calhoun Area Career Center
- **James Martemucci**, Law Enforcement Instructor, Calhoun Area Career Center

Host: Donna Beltz, Department Analyst, Office of Career and Technical Education, MDE

Berkey

Level 3

Session E14



Pre-Apprentice Training - Preparation for a Job in the Skilled Trades

This session is an interactive PowerPoint presentation discussing the importance of mathematics in the preparation of high school and community college students for success in the apprenticeship application process. Curriculum content currently utilized in pre-apprenticeship training programs, including Michigan's Workforce Development efforts such as Road Construction Apprentiship Readiness (RCAR) and Energy Construction Apprentiship Readiness(ECAR), will be presented. (Exhibitor Session)

- **Jack Martin**, President, Jack Martin and Associates
- **Dave Namenye**, Jack Martin and Associates

Host: Rebecca Stimson, Coordinator, Lansing Community College

10:45 a.m. – 11:00 a.m.....Networking Break..... Crown Foyer and West Concourse
(Refreshments available in Crown Foyer and West Concourse)

Atrium

Level Lower Level

Session F1

**The Online Delivery Method: The Good, the Bad, and the Ugly**

How can I integrate e-learning in my curriculum? What is Moodle? How do I know if my students are ready? What websites exist that can be utilized for online delivery? Join us for the answers to these questions, as well as a demonstration of the various online tools that are available to teachers.

- **Amy Koning**, Assistant Professor, Grand Rapids Community College

Host: Jamie Hess, Education Consultant, Office of Career and Technical Education, MDE

Cascade

Level Lower Level

Session F2

**Crosswalks are in the New ProStart Text**

The new ProStart textbooks "Foundations of Restaurant Management and Culinary Arts" feature the Family and Consumer Science standards and 21st century skills (career clusters) Crosswalks for math, science, and language arts. Be among the first in the state to see the new textbooks and curriculum support materials.

- **Amanda Smith**, Director, Educational Support Foundation, Michigan Restaurant Association

Host: Summer Carpenter, Conference Coordinator, Conference and Professional Services

Emerald

Level 2

Session F3

**Online Academic Support for CTE**

The purpose of the presentation is to expose attendees to online academic and CTE support resources. The attendees will review online academic support models and actual online support resources to promote and maintain academic integration in the CTE curriculum.

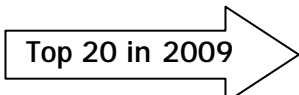
- **Mike Ennis**, Associate Professor, Ferris State University

Host: Cheryl Cluchey, Assistant Dean, Ferris State University

Gerald R Ford

Level 1

Session F4



 Top 20 in 2009
Turning Standards Into Curriculum

Learn strategies for turning occupational standards into curriculum.

- **Katherine Manley**, Director, Michigan Center for Career & Technical Education, Ferris State University

Host: Jan Vogel, Consultant, OCTE, MDE

Governors

Level 2

Session F5

**Nanotechnology Education at Oakland Community College**

Oakland Community College is offering an Associate of Applied Science degree in Nanotechnology, with concentration in Materials Science. This unique program allows the students to have hands-on experiences with equipment typically found in R&D laboratories such as: electron microscopes, atomic force microscopes, and other analytical equipment. The program is made possible with a grant from the U.S. Department of Labor. This presentation will introduce the details and status of the program.

- **Tsung-Yu Pan**, Ph.D., Oakland Community College
- **Philip Crockett**, Manager, Oakland Community College

Host: Diana Bailey, Department Specialist, Office of Career and Technical Education, MDE

Grandview A

Level 3

Session F6



Training for Meaningful Employment: A Shared Goal Between CTE and Special Education

After years of frustration stemming from differing views on appropriate placement in job training programs, the Allegan County Tech Center and the Special Education department partnered up to work toward a common goal of training all students for meaningful employment. The result is career training for all under one roof.

- **Linda Blankenship**, Principal, Allegan County Technical Center
- **Jim Misner**, Transition Specialist, Allegan Area ESA

Host: Toni Glasscoe, Director, Career Preparation and K-12 Education, Lansing Community College

Grandview B-C

Level 3

Session F7



School Improvement Strategies “In Search of the Ideal”

Are you frustrated with ineffective school improvement? Are you tired of being told how to improve your school? Come see where theory meets the pavement and gets flattened in northern Michigan. You will leave this session with real tools for moving toward the ideal at your school.

- **Dennis Dull**, Career Services Coordinator, Mecosta-Osceola Career Center
- **Wendy Iltis**, Student Services Coordinator, Mecosta-Osceola Career Center

Host: Charles Schwarz, Principal, Wexford-Missaukee ISD

Haldane

Level 3

Session F8



Documenting Individual Student Academic Proficiencies

Discuss the relative merits of a strategy for documenting individual student academic proficiencies using the state academic alignments and your teacher grade book. (Vendor Session)

- **Gregg Chandler**, Owner, Enthusiastic Software

Host: Carol Clark, Education Consultant, Office of Career and Technical Education, MDE

Heritage Hill

Level 3

Session F9



A Unique Career Center Model for Navigating Student Success

PowerPoint presentation beginning with a description of our unique position on Lansing Community College’s campus and an outline of our monthly duties, with pictures of classroom activities. Presentation will be followed by a panel discussion including question and answer.

- **MaryEllen Brocklehurst**, Student Services Coordinator, Eaton ISD Career Prep Center
- **Christine DeYonke**, Student Service Coordinator, Eaton ISD Career Prep Center

Host: Ieesha Perkins, Coordinator, Lansing Community College

Imperial

Level 1

Session F10



Partnering with Education: Building Michigan's Future Construction Workforce

This presentation is based on a PowerPoint developed by the presenter. Audience participation is urged as a brainstorming environment will identify ways education and the construction industry can collaborate to meet our state's future construction workforce needs.

- **Brindley Byrd**, Executive Director, Michigan Construction Career Council

Host: Lynda Bommarito, Teacher, Garden City High School

Pantlind

Level 2

Session F11



Certify Me Green

Explore ETA International's new Alternative Energy certification program in areas such as photovoltaics, wind, solar thermal, geothermal, micro hydro, fuel cells, and stirling technologies. See how one school has implemented ETA certifications within their curriculum and how you can begin your program. Also explore other benefits of ETA with memberships, third party course approvals, student chapters, and other certifications in basic electronics, fiber optics, and telecommunications. (Vendor Session)

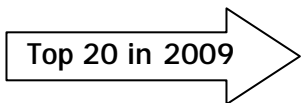
- **Brianna Pinson**, Marketing Director, ETA International
- **Jay Stroud**, Director of Research and Development, ETA International
- **Philip Schmitt**, CET, Michigan Career and Technical Institute

Host: Deb Lonik, Financial Specialist, Office of Career and Technical Education, MDE

Pearl

Level 2

Session F12



CTSO 101: How to Create and Collaborate on a Local and Regional Level

How can I start something at my school that will meet the leadership needs of my students?

This session will help you create and implement your own local Career and Technical Student Organizations, while expanding your potential partnerships regionally, as well as creating postsecondary linkages.

- **Jennifer Harrison**, CTE Director, Mecosta-Osceola ISD
- **Gretchen Spedowske**, Project Coordinator, Ferris State University

Host: Gretchen Spedowske, Project Coordinator, Ferris State University

Vandenberg A

Level 2

Session F13



Renewable Energy for CTE

Greening Career Training: An overview of two projects in the state involving 18 CTE programs that have been awarded funding to teach Renewable Energy CTE. Brion Dickens, the project developer of one, and consultant on the other, will describe how CTE is becoming Green.

- **Brion Dickens**, Project Manager, Laker Schools Grant Projects

Host: Patricia Talbott, Education Consultant, Office of Career and Technical Education, MDE

Vandenberg B

Level 2

Session F14



Literacy Roundtable

Follow-up to "When Text is a 4-Letter Word." Presenters explore lessons that take students deeper into course content by making their thinking visible, a key step in becoming a lifelong learner. Participants will brainstorm and share ideas on how various text might be used as a springboard to deeper understanding.

- **Dennis Hunt**, English Language Arts Consultant, Calhoun Area Career Center
- **James Martemucci**, Law Enforcement Instructor, Calhoun Area Career Center

Host: Jarrad Grandy, Assistant Director, Regional Career and Technical Programs, Kent ISD

Berkey

Level 3

Session F15



NOCTI - Accounting Assessment and More...

Participate in an interactive discussion centered on creating and maintaining a successful NOCTI assessment program. Leave the session armed with information about valuable resources such as assessment blueprints, study guides, online practice tests, instructor prep packs, and score interpretation guides. Bring your questions, feedback, and ideas!

- **Heidi Speese**, Project Coordinator, NOCTI

Host: Charles Parker, Dean, Career and Occupational Education, Kellogg Community College



Consuelo Castillo-Kickbusch
Army Veteran and Author

Are you living your legacy?

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