



STATE OF MICHIGAN  
DEPARTMENT OF EDUCATION  
LANSING

RICK SNYDER  
GOVERNOR

MICHAEL P. FLANAGAN  
STATE SUPERINTENDENT

## 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 2013 Michigan Career Education Conference.

The conference theme, *CTE: Learning that Works for Michigan*, reflects the important mission of career and technical education (CTE) in preparing students for future careers that contribute to workforce and economic development in our state. CTE is helping to meet the challenges of student academic achievement, career and college readiness, and global competitiveness. Career preparation, through CTE courses, provides opportunities for students to begin thinking about the world of work. Through rigorous academic and technical preparation, relevant work-based learning opportunities, and the supportive relationships of educators and families, students are better positioned to steer toward college and careers.

A warm welcome is extended to our featured speakers, Dr. Debbie Silver, Jamie Vollmer, and Chef Jeff Henderson. We look forward to hearing their words of wisdom and the insights they will share with us.

Congratulations to the **Excellence in Practice Award** winners for their outstanding career and technical education programs. These exemplary programs are “best practices” in preparing our students for careers that align and articulate with postsecondary education, professional and technical careers, and future employment.

Please take advantage of the speakers, breakout sessions, and exhibits 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

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STATE OF MICHIGAN



CERTIFICATE OF PROCLAMATION

ON BEHALF OF THE PEOPLE OF MICHIGAN  
I, Rick Snyder, governor of Michigan, do hereby proclaim  
February 2013 as

## CAREER AND TECHNICAL EDUCATION MONTH

WHEREAS, career and technical education is a valuable training opportunity offered in most middle schools, high schools, area career and technical centers, community and technical colleges and other post-secondary institutions throughout Michigan; and,

WHEREAS, career and technical education provides students with leadership opportunities in various fields, and allows them to experience practical and meaningful application of basic reading, writing and mathematical skills; and,

WHEREAS, career and technical education serves as a "school-to-careers" connection and is the backbone of a strong and well-educated workforce; and,

WHEREAS, during this month, we join with the Michigan Department of Education and the Association for Career and Technical Education to encourage both youth and adults in Michigan to learn more about career and technical education, and to recognize the significance of career and technical education to ensuring Michigan students are college- and career-ready;

NOW, THEREFORE, I, Rick Snyder, governor of Michigan, do hereby proclaim February 2013 as Career and Technical Education Month in Michigan.



  
Rick Snyder  
Governor



STATE OF MICHIGAN



CERTIFICATE OF PROCLAMATION

ON BEHALF OF THE PEOPLE OF MICHIGAN  
I, Rick Snyder, governor of Michigan, do hereby proclaim  
February 16 through February 23, 2013 as

## ENTREPRENEURSHIP WEEK

WHEREAS, more than 70 percent of young Americans envision starting a business or doing something entrepreneurial as adults; and,

WHEREAS, entrepreneurship is critical to success in the workplace and in communities as it brings ideas, creativity and innovation to life and drives economic growth on local, state and national levels; and,

WHEREAS, entrepreneurship encourages job creation and is a vital part of Michigan's reinvention and continued growth; and,

WHEREAS, during this week and as we work toward a better Michigan, we encourage youth and all citizens throughout the Great Lakes State to explore innovative ways in which entrepreneurship education can bring together the core academic, technical and problem solving skills essential for the success of our state's future entrepreneurs;

NOW, THEREFORE, I, Rick Snyder, governor of Michigan, do hereby proclaim Saturday, February 16 through Saturday, February 23, 2013 as Entrepreneurship Week in Michigan.



  
Rick Snyder  
Governor



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**This program 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-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 capacity regulations.**

# General Information

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## Badges

Conference badges must be worn at all times during the scheduled conference hours, not only as a courtesy to other registrants, but 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 Western International High School, Rough Rider JROTC. They are commanded by First Sergeant George Shell.

## State Continuing Education Clock Hours (SCECHs) or Graduate Credits

Conference participants may earn State Continuing Education Clock Hours or graduate credits. To be eligible for SCECHs, attendees must complete the SCECH application and pay a \$20.00 application fee prior to the start of the conference. Applications are available at the registration desk. **To receive SCECHs, you must attend a minimum of five hours of eligible sessions and receive appropriate documentation at each session.** There is an option to earn either 1 or 3 graduate credits from Ferris State University in ECTE 694. Please visit the registration desk for more information.

## Evaluations

Your evaluation of the individual sessions and the overall conference is vital for next year's conference planning. Evaluations will be distributed by monitors at each session. Please complete a form for each session that you attend and return it to the monitor. You will receive, by email, an overall conference evaluation to be completed online. Please complete the survey so that your feedback and suggestions may be used for future planning. Please note that if you sign up for SCECHs, you will receive an additional survey that must be completed as part of the process to earn SCECHs.

## Exhibit Hours

Exhibitors are located in the Renaissance Foyer outside of the Renaissance Ballroom. Exhibiting hours will be as follows:

<b>Sunday</b>	<b>Monday</b>	<b>Tuesday</b>
6:00 p.m. - 8:00 p.m. (Optional for Vendors)	7:30 a.m. - 4:30 p.m.	7:00 a.m. - 11:30 a.m.

## Information Table

Stop by the Registration Desk in the Renaissance Foyer, Level 4, to find information about great places to go and things to see while you are in Detroit. Information regarding restaurants, cultural events, and entertainment, will be available. Lost and found is also located at the information table.

## Internet Access

Wireless Internet access is available for \$12.95 in all guest rooms. Guests may enjoy free wireless in the GM Wintergarden and on the Riverfront Plaza.

## Registration/Information Hours

The Conference Registration Desk is located in the Renaissance Foyer, on Level 4, and will be open as scheduled below:

<b>Sunday</b>	<b>Monday</b>	<b>Tuesday</b>
6:00 p.m. - 8:00 p.m.	7:30 a.m. - 4:30 p.m.	7:00 a.m. - 11:30 a.m.

# Marriott and Renaissance Center Information

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## **About the Renaissance Center**

Rising 73 stories above the Detroit River, the GM Renaissance Center dominates the downtown Detroit skyline. The Renaissance Center is 5.5 million square feet in size, has 7 towers, dozens of stores and services, 4 movie theaters, a financial center, 2 foreign consulates, a fitness center, a 1,300 room Marriott hotel, 4 of the city's hottest restaurants, and an 1,100 seat food court. The Renaissance Center is about business too. General Motors' global headquarters has 5,000 employees, as well as over 4,000 additional people who work in the Center with tenant companies, retailers, restaurants, and professional service organizations.

## **About Detroit**

Downtown Detroit has experienced an amazing renaissance in recent years with its new 3.5 mile RiverWalk; great restaurants, bars and clubs; theaters and concerts; exciting 24-hour casinos; year-round festivals and events; and three professional sports teams.

## **Getting Around**

The Detroit People Mover is an above-ground transit system that loops around nearly 3 miles in Downtown Detroit. The GM Renaissance Center People Mover Station is located in Tower 200, Level 2. The People Mover runs on Sunday from Noon to Midnight and on Monday through Thursday from 6:30 a.m. to Midnight. The fare is \$0.75 per ride paid in cash or tokens. The Detroit People Mover now runs in a clockwise direction for the first time in its history. Riders can travel from the GM Renaissance Center to Cobo or the Joe Louis Arena in less than half the time. A map of the transportation route is available at the Registration Desk.

## **Shopping and Dining**

Visitors can find an eclectic mix of specialty shops, services, and dining options in and around the Renaissance Center. Pick up souvenirs and gifts at Pure Detroit, located in Tower 400, Level 1, which features select boutique items along with Pure Detroit brand apparel, books, photographs, and gifts. A visit to the Renaissance Center isn't complete without dining at Andiamo Detroit Riverfront, a beautiful and romantic dining experience featuring an authentic Italian menu located in the GM Wintergarden, or Coach Insignia, an eclectic chophouse with the honor of being the United States' second highest restaurant located at the top of the GM Renaissance Center. A variety of other eateries catering to a variety of tastes are located in the Level A Food Court. The Detroit People Mover offers access to shopping and dining outside of the Renaissance Center, as well.

## **Tour the Renaissance Center**

A free, one-hour tour takes visitors through the landmark GM Renaissance Center and outlines the rich history that General Motors shares with the city of Detroit. The complimentary public tours are offered twice daily, Monday-Friday at Noon and 2:00 p.m. on a first-come basis. Registration and tours begin at the PURE DETROIT store located in Tower 400 on Level 1. Tour highlights include: GM Wintergarden tropical atrium, GM showroom with vintage, new model, and concept cars, and a glass elevator ride to the 72nd floor of the Detroit Marriott Hotel for a breathtaking view of the Detroit and Windsor skylines.

# Conference Sponsors

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## Thank You To Our Sponsors!

The Office of Career and Technical Education, Michigan Department of Education, would like to thank the sponsors who have 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 800.562.9130 or email caps@ferris.edu.

## Silver Sponsor

**Michigan Association for Career and Technical Education  
(MIACTE)**



## Bronze Sponsor

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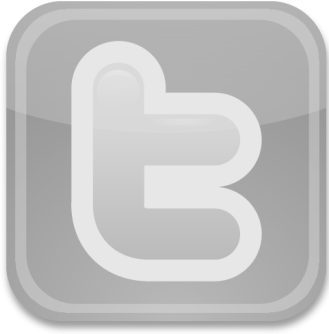
## 10 Things You Can Do To Help Promote CTE

1. Contact NASDCTEc to obtain the national logo for use in your communications. Show your support for CTE by using the national logo in your brochures, newsletters and other communications.
2. Request a copy of the CTE "Web bug" for use on the home page of your organization's Web site—and link it to [www.careertech.org](http://www.careertech.org).
3. Add a PDF download of the new CTE brochure to your Web site so it is easily available to your audiences. Order copies for yourself—and distribute them to key audiences.
4. Write a guest editorial for use on the NASDCTEc Web site at: [www.careertech.org](http://www.careertech.org).
5. Invite NASDCTEc to write a guest editorial for your Web site or newsletter.
6. Offer to make a presentation at an upcoming NASDCTEc conference, meeting or workshop.
7. Invite NASDCTEc to make a presentation at one of your organization's meetings or conferences.
8. Display the CTE poster in your offices—and promote its availability to your constituents.
9. Ask us about "co-branding" the new CTE brochure or other communication initiative with your organization.
10. Visit [www.careertech.org](http://www.careertech.org) and sign up for the CTE blog to stay current on CTE news, research, data and developments. Ask your employees and professional colleagues to do the same.

Contact Erin Uy, Communications and Marketing Manager, if you are interested in partnering on a guest editorial, presentation, if you have questions or need access to CTE resources. She can be reached at [euy@careertech.org](mailto:euy@careertech.org) or 301-588-9630.

[www.careertech.org](http://www.careertech.org)

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# The conference is now on Twitter!

Join the conversation by following:

**MI Career Ed Conf**

And tweeting to:

**#micec13**

**Tweet your favorite session or topic! Share new ideas with colleagues unable to make it to the conference. Collaborate with attendees in other sessions to make the most of your experience!**



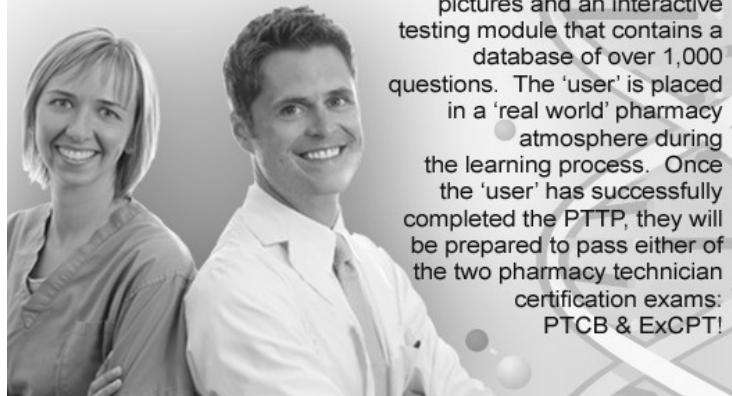
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## **PassAssured, LLC** Pharmacy Technician Training Programs

PassAssured is the leader in educating technicians in the pharmacy industry!

The PassAssured's Pharmacy Technician Training Program contains a full featured interactive multi-media program accessible via internet.

PassAssured's PTTP includes audio, video, motion graphics, pictures and an interactive testing module that contains a database of over 1,000 questions. The 'user' is placed in a 'real world' pharmacy atmosphere during the learning process. Once the 'user' has successfully completed the PTTP, they will be prepared to pass either of the two pharmacy technician certification exams: PTCB & ExCPT!



Educating Pharmacy Technicians Across America

# Excellence in Practice Awards

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**The Career and Technical Education Program Excellence in Practice Award recognizes successful, exemplary state-approved Career and Technical Education (CTE) programs that demonstrate outstanding outcomes, produce measurable results, and lead to documented success in employment or postsecondary education and/or training.**

## **2013 Career and Technical Education Excellence in Practice Awards:**

### **Kent Career Technical Center *Hospitality***

The Hospitality program at Kent Career Technical Center is nationally recognized as a leader, earning accreditation from the American Culinary Federation Educational Foundation and 3-Star Green Certification from the Green Restaurant Association. This is the first secondary program in the state to receive certification from these prestigious organizations.

A highly competent and experienced staff of six instructors and five support staff stay on the cutting edge of their industry through the assistance of an advisory committee comprised of industry professionals and college professors who ensure the curriculum is up-to-date and consistent with what is happening in the Hospitality industry. The program ensures students are prepared to meet the expectations of the marketplace utilizing a multitude of delivery styles including online learning, video demonstrations, practical applications, industry feedback, and other hands-on activities that bring traditional lectures to life. This opportunity affords students the ability to earn English, math, and science academic credit and real-time customer service experiences.

Students completing the program are highly sought after by local restaurants, food service, and hotel operations. Most of the students continue their education in postsecondary institutions, with college credit earned while completing the Hospitality program.

# Excellence in Practice Awards

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## **Traverse Bay Area Intermediate School District Career-Tech Center *Teacher Academy***

This innovative and creative program delivery model was started in 2001 to expand options for students interested in a career in the field of education. It is an example of the power of a collaboration that includes two intermediate school districts, local school districts in multiple counties, and several postsecondary teacher preparation institutions and has the support of their local communities. Students in the program explore teaching, as well as other careers, in the field of education such as school social worker, school psychologist, and speech and hearing specialist. It is a unique delivery model that combines “any time, any place” learning, facilitated by technology, with actual in-school experiences. Teacher Academy students develop independent learning skills that prepare them for success at the postsecondary level and students have options to earn college credits.

This is a rigorous program where students participate in on-line instruction, facilitated by a Netbook provided to each student. Students use Moodle in an independent study environment that is self-paced, self-directed, and offers the students many choices and options to personalize their learning. Students work in elementary classrooms with host teachers to apply the concepts they are learning on-line, as well as explore concepts in curriculum, assessment, and instructional technology through seminar experiences with area experts. All students research postsecondary options, engage in community service at local museums and libraries, attend school board meetings and parent conferences, and attend professional development events. All students complete a web-based electronic teaching portfolio and experience at least eight different classroom placements during the two-year program. Students enrolled in this program gain an in-depth understanding of the demands and rewards of teaching in the 21<sup>st</sup> century.

The outstanding success of this program is documented not only by the numbers of students who successfully go on to complete a degree in Education but also by the 20 former Teacher Academy students who have been hired for positions within local districts in the counties served by the program in the last few years. Other program alumni are working as educators in several locations in Michigan and in other states.

# Acknowledgements

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The Office of Career and Technical Education, Michigan Department of Education (MDE), would like to thank the planning committee, technical assistance staff, presenters, and monitors 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.

## 2013 Conference Planning Committee

### Program Chair

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

### Committee Members

**Clifford Akujobi**, Education Consultant Manager, Office of Adult Education, Workforce Development Agency

**Halyna Bialczyk**, Regional CTE Administrator, Wayne RESA

**Sherry Bradish**, Director, Tech Prep & STC Programs, Mott Community College

**Cynthia Candela**, Job Placement Coordinator, Wayne-Westland Community Schools

**Patty Cantú**, Director, Office of Career and Technical Education, MDE

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

**Cathy Green**, Articulation Coordinator, Grand Rapids Community College

**Dave Jackson**, Apprenticeship Representative, Office of Apprenticeship, United States Department of Labor

**Zena Lowe**, Consultant, Office of Career and Technical Education, MDE

**Deb Miller**, EFE Executive Director, Kalamazoo RESA

**Sheree Price**, Higher Education Consultant, Community Colleges Services, Workforce Development Agency

**Brian Pyles**, Regional Director, Career and Technical Education, Berrien RESA

**Christine Reiff**, Education Consultant, Office of Career and Technical Education, MDE

**Gretchen Spedowske**, CTE Career and College Readiness Consultant, Char-Em ISD

**Deedee Stakley**, Transfer Services Director, Ferris State University

**James Taylor**, Dean of Health and Public Services, Kalamazoo Valley Community College

**Norma Tims**, Consultant, Office of Career and Technical Education, MDE

### Conference Facilitators - Ferris State University

**Rebecca Burgenmeyer**, Project Coordinator, Conference and Professional Services

**Cheryl Cluchey**, Assistant Dean, Extended and International Operations

**Alicia Freye**, Project Coordinator, Conference and Professional Services

**Denise Moulter**, Administrative Secretary to the Dean, Extended and International Operations

**Jessica Walsh**, Clerical Assistant, Conference and Professional Services

**Susan Weaver**, Project Assistant, Conference and Professional Services

# Networking



# Reception

**Sunday, February 10<sup>th</sup>, 2013**

**7:00 p.m. to 9:00 p.m.**

Join us for networking and appetizers at the Detroit Marriott at the Renaissance Center's restaurant, 42° North, located just off of the hotel lobby.

Get to know your fellow attendees before the opening session!

# 2012 Conference Top Sessions

The following sessions received the highest evaluations from the 2012 Career Education Conference. Thank you to all of our 2012 presenters.

<b>Girls Can Fix Airplanes Too!</b>	<ul style="list-style-type: none"> <li>Amy Kienast Linderman, National Director of Business Relations, Michigan Institute of Aviation and Technology</li> </ul>
<b>Navigating NAVIGATOR</b>	<ul style="list-style-type: none"> <li>Glenna Zollinger-Russell, Supervisor, Office of Career and Technical Education, MDE</li> <li>Diana Bailey, Program and Placement Specialist, Office of Career and Technical Education, MDE</li> </ul>
<b>How to Move From Annual Authorization to Interim Occupational Certification</b>	<ul style="list-style-type: none"> <li>Geralyn Stephens, Assistant Professor-Clinical, Wayne State University</li> </ul>
<b>Robots and Sensors and Jobs, Oh My! Implementing a Successful Mechatronics Program</b>	<ul style="list-style-type: none"> <li>Scott Palmer, CTE Administrator, Utica Community Schools</li> <li>Christopher Newby, Engineering Manager, Faurecia Interior Systems</li> <li>Paul Agosta, President, Applied Technology Systems, LLC</li> </ul>
<b>Marketing a CTE Program</b>	<ul style="list-style-type: none"> <li>Adam Manley, Assistant Professor, Western Michigan University</li> </ul>
<b>Finding Meaning in the Masses: Maximizing Your Professional Learning Community</b>	<ul style="list-style-type: none"> <li>Brian Mull, Director of Innovation, November Learning</li> </ul>
<b>Digitally Created Training Agreements &amp; Plans</b>	<ul style="list-style-type: none"> <li>Richard Moll, President, RP Moll Management &amp; Consulting, LLC</li> </ul>
<b>Flipping the Classroom</b>	<ul style="list-style-type: none"> <li>Judy Walton, Teacher, Forest Hills Public Schools</li> </ul>
<b>Community Conversation: The Future of Education in Michigan</b>	<ul style="list-style-type: none"> <li>Tanya Upthegrove, Outreach Director, The Center for Michigan</li> <li>Amber Toth, Outreach Coordinator, The Center for Michigan</li> </ul>
<b>Critical Thinking on the Web</b>	<ul style="list-style-type: none"> <li>Brian Mull, Director of Innovation, November Learning</li> </ul>

<p><b>Engaging Students in a Real World Experience Operation a Virtual Business</b></p>	<ul style="list-style-type: none"> <li>• Denise Belt, CTE Coordinator, Shiawassee RESD</li> <li>• Jeff Phillips, Principal, Owosso High School</li> <li>• Lori Johnson, Teacher, Owosso High School</li> <li>• Laurie Giesken, Teacher, Owosso High School</li> </ul>
<p><b>Technological Collaboration: Ways for Teachers to use Google Docs that Actually Work</b></p>	<ul style="list-style-type: none"> <li>• Scott Jakob, Mathematics Consultant, Jackson Area Career Center</li> </ul>
<p><b>Passport to Success</b></p>	<ul style="list-style-type: none"> <li>• Martin Finney, Career Advisor, Delta College</li> <li>• Antonio Riggs, Career Advisor, Delta College</li> </ul>
<p><b>A Day in the Life of a Wind Turbine Technician</b></p>	<ul style="list-style-type: none"> <li>• Any Kienast Linderman, National Director of Business Relations, Michigan Institute of Aviation and Technology</li> </ul>
<p><b>Tools of Engagement</b></p>	<ul style="list-style-type: none"> <li>• Brian Mull, Director of Innovation, November Learning</li> </ul>
<p><b>Build a Whole School Evidence Based Career Development System—The National Career Readiness Certificate</b></p>	<ul style="list-style-type: none"> <li>• Cathy McCafferty-Smith, Chief Engagement Officer, Know U LLC</li> <li>• Joan Helwig, High School Counselor, Marlette</li> </ul>
<p><b>Reality Store...Really?</b></p>	<ul style="list-style-type: none"> <li>• Kim Dusseau, Career Preparation Services Coordinator, Lenawee ISD</li> <li>• Jane Castle, Career Preparation Services Coordinator, Lenawee, ISD</li> <li>• Jonathan Tobar, Career Preparation, Lenawee ISD</li> </ul>
<p><b>TRAC Cliff Notes for Career Technical Education</b></p>	<ul style="list-style-type: none"> <li>• Kim Fischer, Co-Chair, CCDA</li> <li>• Mike Hoffner, Member, CCDA</li> </ul>



Conference and Professional Services



# Conference at a Glance

## Sunday, February 10, 2013

6:00 p.m. - 8:00 p.m. Registration/Information/Exhibits Open - Renaissance Foyer

## Monday, February 11, 2013

7:30 a.m. - 4:30 p.m. Registration/Information - Renaissance Foyer

7:30 a.m. - 4:30 p.m. Exhibits Open - Renaissance Foyer

7:30 a.m. - 8:45 a.m. Continental Breakfast - Renaissance Foyer

9:00 a.m. - 10:30 a.m. Opening Session, EIP Awards, and  
Featured Speaker, **Dr. Debbie Silver** - Renaissance Ballroom

10:30 a.m. - 11:00 a.m. Exhibitor Break - Renaissance Foyer

11:00 a.m. - 12:00 p.m. **Breakout Session A**

12:00 p.m. - 1:30 p.m. Lunch, Featured Speaker, **Mr. Jamie Vollmer** - Renaissance Ballroom

1:30 p.m. - 1:45 p.m. Exhibitor Break - Renaissance Foyer

1:45 p.m. - 2:45 p.m. **Breakout Session B**

2:45 p.m. - 3:15 p.m. Exhibitor Break - Renaissance Foyer

3:15 p.m. - 4:15 p.m. **Breakout Session C**

## Tuesday, February 12, 2013

7:00 a.m. - 11:30 p.m. Registration/Information - Renaissance Foyer

7:00 a.m. - 11:30 a.m. Exhibits Open - Renaissance Foyer

7:00 a.m. - 8:00 a.m. Breakfast Buffet - Renaissance Ballroom

8:00 a.m. - 9:00 a.m. **Breakout Session D**

9:00 a.m. - 9:15 a.m. Exhibitor Break - Renaissance Foyer

9:15 a.m. - 10:15 a.m. **Breakout Session E**

10:15 a.m. - 10:30 a.m. Exhibitor Break - Renaissance Foyer

10:30 a.m. - 11:30 a.m. **Breakout Session F**

11:30 a.m. - 1:15 p.m. Lunch, Door Prizes  
Featured Speaker, **Chef Jeff Henderson** - Renaissance Ballroom

# Personal Schedule

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

## Monday, February 11, 2013

Time/Session	Selection 1	Location	Selection 2	Location
11:00 a.m. - 12:00 p.m. <b>Session A</b>				
1:45 p.m. - 2:45 p.m. <b>Session B</b>				
3:15 p.m. - 4:15 p.m. <b>Session C</b>				

## Tuesday, February 12, 2013

Time/Session	Selection 1	Location	Selection 2	Location
8:00 a.m. - 9:00 a.m. <b>Session D</b>				
9:15 a.m. - 10:15 a.m. <b>Session E</b>				
10:30 a.m. - 11:30 a.m. <b>Session F</b>				

## Session 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 will find these symbols on the left hand side of the presentation descriptions.

Business &  
Industry  
Apprenticeships  
Labor Market  
Emerging  
Careers



STEM (Science,  
Technology,  
Engineering, and  
Mathematics)  
Green Jobs  
Alternative Energy



Career  
Development  
Counseling  
Special  
Populations



Curriculum  
Programs of  
Study  
Academic  
Integration  
Assessment



Community  
College  
Postsecondary  
Articulation



Administration  
Leadership/  
Teacher  
Quality/  
Evaluations



# Sessions at a Glance - Monday

Key	Presentation Title	Room	Page
<b>Monday 11:00 a.m. - 12:00 p.m. Session A</b>			
❖	Wanted!-Application Developer, Computer Scientist, Software Programmer	Brule A/B	18
■	Insights into College and Career Selection	Cabot	18
■	Articulation: Is ANYBODY Using the Credits	Cadillac A	19
■	Defining A Vision for the Future of CTE and Post Secondary Opportunities	Cadillac B	19
❖	Going Outside the Lines	Cartier	19
❖	Help Available, Inquire Within	Duluth A/B	19
■	A National Model for Concurrent Enrollment: Launching Students to Success	Joliet A/B	19
○	CTE 101	LaSalle A	19
❖	Yes, the Literacy Common Core can be Integrated into CTE	LaSalle B	20
❖	Changing Classroom Practices for Career Relevance in Academic Classrooms	Mackinac E	20
❖	A Complete Cost-Effective IT Curriculum Suite: The Cicso Networking Academy	Mackinac W	20
□	College Readiness 101	Marquette A	20
◆	Improving Collaboration Between Secondary and Postsecondary CTE Programs and...	Marquette B	20
□	Positive Behavior Interventions and Supports	Nicolet B	20
●	Let's Teach Green	Richard A	20
❖	The 21st Century GPS-Global Trade Mission	Richard B	21
<b>Monday 1:45 p.m. - 2:45 p.m. Session B</b>			
❖	Defining Career and College Readiness in Terms of Next Generation Science Standards...	Brule A/B	21
■	AMP It Up!	Cadillac A	22
○	How to Effectively Access and Use Michigan's Statewide Secondary Core Performance...	Joliet A/B	22
○	CTE & New Teacher Certification Guidelines	LaSalle A	22
□	Strategies to Increase Enrollment at Your Tech Center! Get Started Here!	LaSalle B	22
❖	Michigan's Programs of Study Development-Identifying Student Prerequisite Knowledge	Mackinac E	22
❖	Key to Success in BMMT: Hands-On Experiences	Mackinac W	22
□	Are You College and Career Ready?	Marquette A	23
○	The Power to Make a Difference	Marquette B	23
❖	Excellence in Education - Kent ISD	Nicolet A	23
❖	Project Lead the Way-Preparing Michigan Learners for Careers and College	Nicolet B	23
◆	Automotive Youth Educational Systems Update	Richard A	23
●	Reframing Education Systems to Enhance the STEM Agenda in Michigan	Richard B	23



# Sessions at a Glance - Tuesday

Key	Presentation Title	Room	Page
<b>Tuesday</b>	<b>8:00 a.m. – 9:00 a.m.</b>	<b>Session D</b>	
❖	Update: New Online Technology to Support CTE Instruction	Brule A/B	27
■	How to Move from Annual Authorization to Interim Occupational Certification	Cadillac A	27
◆	Employment of Minors-Youth Employment Standards Act 90 of 1978	Cadillac B	27
■	Effective Programs of Study + Effective Articulation + New Online Process = Student ...	Duluth A/B	27
○	Meet the CEPD's	LaSalle A	27
□	Strengthening Relationships & Increasing Success-How to Help Students Succeed	LaSalle B	28
❖	Using PLC's to Introduce Common Core in the CTE Classroom	Mackinac E	28
□	Hospitality Career Summit	Marquette A	28
●	Engineering a Partnership: How to Grow Students and Build Your Community at the ...	Marquette B	28
■	Making the Connection with Community Colleges	Nicolet B	28
❖	Online Education with CDX Automotive & Diesel	Richard A	28
●	Autodesk Design Academy: What's in the Box?	Richard B	28



**AN ASSOCIATION FOR  
Career Technical Education  
PROFESSIONALS**

# Sessions at a Glance - Tuesday

Key	Presentation Title	Room	Page
<b>Tuesday 9:15 a.m. – 10:15 a.m. Session E</b>			
☐	From Annual Authorization to IOC: Promoted at Ferris State University	Brule A/B	29
○	Marketing Your CTE Program Using Websites	Cabot	29
■	Merging the Benefits of CTE and Early College Models of Education-Using Health Care...	Cadillac A	29
❖	Design by Number: Making Math Fun with Integrated Projects	Cadillac B	29
●	Introducing the Next Generation Science Standards (NGSS)	Duluth A/B	29
○	Building Dashboards and Using Visual Analytic Software to Explore Michigan's Career ...	Joliet A/B	29
❖	Engaging Students in a Real World Experience Operating a Virtual Business	LaSalle A	30
☐	Where Do I Go From Here? Career Choices for Students with ADD/ADHD	LaSalle B	30
❖	Automotive Technology Teachers' Round Table	Mackinac E	30
○	Post-Project Briefing: Community Conversations on Michigan's PreK-12 Education ...	Mackinac W	30
○	Twenty Things You Can Do Right Now to Improve Your Class!	Marquette A	30
●	Path to Palau-Using Underwater Robotics	Marquette B	30
❖	Curriculum to Go! - Career Ready Practices for the Common Career Technical Core	Nicolet B	30
●	Free Hands-On Math, Science, & Social Science Tools	Richard A	31
<b>Tuesday 10:30 a.m. – 11:30 a.m. Session F</b>			
❖	Measuring Student Growth in CTE: When Data is NOT a 4-Letter Word	Brule A/B	31
○	Teacher Revolution: How to Enjoy Your Most Challenging Students	Cabot	31
◆	Building Dual Enrollment Courses	Cadillac B	31
❖	NOCTI: Start-to-Finish	Duluth A/B	31
■	Earning College Credit Now Can Reduce the Time to Degree and Student Debt Later	Joliet A/B	31
❖	MCCTE Navigator Updates	LaSalle A	32
■	Statewide Credit Agreements: Progress in Developing a Model	LaSalle B	32
❖	TRAC C10 Implementation of CTE Standards	Mackinac E	32
○	Post-Project Briefing: Community Conversations on Michigan's PreK-12 Education ...	Mackinac W	32
❖	Best Resources and Best Practices for Career and College Readiness: The Michigan ...	Marquette A	32
◆	Careers on the Move	Marquette B	32
◆	iCEV Curriculum-on-Demand (Business and Marketing and Careers)	Nicolet B	32
☐	Engaging On-line Career-Based Content	Richard A	33
●	Autodesk Digital Steam featuring AutoCAD	Richard B	33

# Monday, February 11

7:30 a.m. - 4:30 p.m.....Registration/Information/Exhibits Open.....Renaissance Foyer, Level 4  
7:30 a.m. - 8:45 a.m.....Continental Breakfast .....Renaissance Foyer, Level 4  
9:00 a.m. - 10:30 a.m.....Opening Session/Excellence in Practice Awards.....Renaissance Ballroom, Level 4  
*Joanne Mahony Ph.D, Conference Chair, Supervisor, Office of Career and Technical Education, MDE*  
*Patty Cantú, Director of the Office of Career and Technical Education, MDE*  
*Christine Reiff, Consultant, Office of Career and Technical Education, MDE*

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

**Renaissance Ballroom**  
**Dr. Debbie Silver**  
**Award Winning Educator**



### The Art and Heart of Teaching

Debbie Silver is an award winning educator with 30 years experience as a classroom teacher, staff development instructor, and university professor. Her numerous recognitions include being named the Louisiana State Teacher of the Year. Along the way, she has taught almost every grade level and every kind of student. Dr. Silver has been an invited author for several educational journals and has given keynotes at state, national, and international conferences in 49 states, Canada, Europe, and Asia. She has also been featured on PBS OnLine Teacher Chat.

*Host: Marcus Murray, Mary Schwartz, Sue Gardner, and Malin Wagner*

10:30 a.m. - 11:00 a.m. ....Exhibitor Break.....Renaissance Foyer  
(Refreshments available in Renaissance Foyer)

## Session A 11:00 a.m. – 12:00 p.m.

**Brule A/B**  
Session A



### **Wanted! - Application Developer, Computer Scientist, Software Programmer**

Their titles are diverse, but one fact is certain – these professionals are in high demand. Employers can't fill positions and job-seekers lack qualifications. Yes, the university computer science degree exists, but can we create additional pathways to fill the gap? This session explores curriculum at secondary and post-secondary levels and investigates options to enhance curriculum and collaboration.

- **Keith Kelly**, Director - Microsoft IT Academy, Northwestern Michigan College
- **Tom Knight**, Consultant, Office of Career and Technical Education, MDE
- **Chris Knapp**, Director of Information Technology and Media Talent, Michigan Workforce Development Agency

**Host:** Kelli Cross, Administrative Support, Office of Career and Technical Education, MDE

**Cabot**  
Session A



### **Insights into College and Career Selection**

Why do students choose a certain college over others? How do they choose their career path/major? Dr. Adam Manley will share his research into college and career selection. The results may surprise you. In addition, he will share strategies that CTE teachers and counselors can use to help students make post-secondary career decisions.

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

**Host:** Jim Taylor, Dean of Health and Public Services, Kalamazoo Valley Community College

- Cadillac A**  
Session A
- **Articulation: Is ANYBODY Using the Credits?**  
Learn how Region 15 is using CATEMA to increase awareness of articulated credit, identify students in CTE programs, allow high school teachers to recommend credit, and college advisors to validate credits for use with students to choose courses for degree completion at Mott. We will use CATEMA® for 2013 Perkins reporting.
    - **Sherry Bradish**, Director, CTE Transitions, Mott Community College
    - **Donna Burmeister**, Career Preparation/Work Program Developer, Genesee ISD
    - **Lori Johnson**, CTE & WBL Coordinator, Owosso High School**Host:** Toni Glasscoe, Director of K-12 Initiatives and Career Preparation, Lansing Community College
- Cadillac B**  
Session A
- **Defining A Vision for the Future of CTE and Post-Secondary Opportunities**  
If you are interested in finding information that will provide you with information on how to obtain resources, tips, and tools of the trade for CTE state approved post secondary linkages, community college, university and or trade schools, please join us. Support your school, administration, and students with the information discussed in this session.
    - **Zena Lowe**, Education Consultant, Office of Career and Technical Education, MDE
    - **Megan Byard**, College Access Specialist, Muskegon Area ISD
    - **Brian Barber**, Alternative Education Consultant, MDE**Host:** Heidi Lamb, Administrative Support, Office of Career and Technical Education, MDE
- Cartier**  
Session A
- ❖ **Going Outside the Lines**  
Based on her best-selling book, Drumming to the Beat of Different Marchers – Finding the Rhythm for Differentiating Learning, Debbie Silver offers her wisdom and humor to answer the question, “How do we engage students who march to the beat of a different drummer?” Debbie discusses how to give students multiple opportunities to internalize information and to show what they understand. She demonstrates how to use components of differentiated learning, technology, and common core curriculum to maximize instruction for 21st century learners.
    - **Dr. Debbie Silver**, Speaker/Author**Host:** Clifford Akujobi, Manager, Office of Adult Education, Workforce Development Agency
- Duluth A/B**  
Session A
- ❖ **Help Available, Inquire Within**  
Bolster student success by tutoring with brain-based learning techniques, study strategies based on individual learning styles, and modeling soft skills that employers look for. Handouts and demonstrations of procedures and methods that have had positive results will be shared. Workshop attendees will also experience testimonials from students via video recordings.
    - **Jean Hernandez**, Academic Support, Eaton ISD Career Preparation Center
    - **Shelli Burdo**, Academic Support, Eaton ISD Career Preparation Center
    - **Suzanne Gardner**, Principal, Eaton ISD Career Preparation Center**Host:** Elizabeth Collins, Department Analyst, Office of Career and Technical Education, MDE
- Joliet A/B**  
Session A
- **A National Model for Concurrent Enrollment: Launching Students to Success**  
Discover how the National Alliance of Concurrent Enrollment Partnerships (NACEP) has become an important national voice in advancing seamless education through secondary and postsecondary collaborations. Learn how NACEP supports access to college courses for students, as well as assisting secondary instructors in developing college level courses. Handouts will be provided and actual models will be described.
    - **Deedee Stakley**, Director, Transfer Services Center, Ferris State University
    - **Kent Scheffel**, President-elect, National Alliance of Concurrent Enrollment Partnerships**Host:** Krishnan Sudharsan, Research Consultant, Office of Career and Technical Education, MDE
- LaSalle A**  
Session A
- **CTE 101**  
What are essential CTE vocabulary words that all CTE teachers should know and use appropriately? This session will be a CTE refresher course for new and experienced CTE administrators. A simple lesson plan template will be used and shared so that this session can be replicated.
    - **Kris Jenkins**, CTE Director, Calhoun ISD**Host:** Denise Teague, Consultant, Office of Career and Technical Education, MDE

- LaSalle B**  
Session A
- ❖ **Yes, the Literacy Common Core Can be Integrated into CTE**  
Using instructional strategies designed to target the common core in literacy, CTE Directors and teachers will be able to plan for the 2014 implementation of these standards with minimum use of classroom time. One professional development day, designed with strategies to achieve Common Core outcomes can be incorporated into your school year.
- **Janet Haas, Ed.D.**, Principal, Livonia Career Technical Center
- Host:** Karen Wolthuis, WIA Program Coordinator, Kent ISD
- Mackinac E**  
Session A
- ❖ **Changing Classroom Practices for Career Relevance in Academic Classrooms**  
Common Core Practices in Math and Science can connect student interests with academic study for “personalized learning”. This session will demonstrate how small changes in the delivery of academics help students find value in all lessons. Simple ideas include connecting with students' EDP, Career Pathways differentiation and Performance Tasks/Project Challenges.
- **Kristen Garceau**, Career Integration Coordinator, Career Resource Connection
- Host:** Jennifer Weisenberg, Administrative Support, Office of Career and Technical Education, MDE
- Mackinac W**  
Session A
- ❖ **A Complete Cost-Effective IT Curriculum Suite: The Cisco Networking Academy**  
Join this session if your school needs FREE resources to teach computer repair and networking. Come see the NEW Cisco Academy coursework that includes curriculum, software, activities, and a new learning management system. We will also discuss instructor training and professional development, student competitions, future updates, articulation, and how to enroll in the program.
- **Elaine Horn**, Cisco Networking Academy Director, TRECA Educational Solutions
  - **Katie Fitzner**, Cisco Networking Academy Instructor, Henry Ford Community College
- Host:** Deb Miller, EFE Executive Director, Kalamazoo RESA
- Marquette A**  
Session A
- **College Readiness 101**  
Participants learn how to implement a comprehensive college readiness program using the Educational Development Plan & online resources to assist in college preparation. This session will also share how to develop a series of seminars for students/parents outlining the necessary steps for completing the in-depth process of college acceptance ranging from applications, on-site admissions interviews, essay writing, study skills, test taking strategies and financial aid at a minimal cost.
- **Robin Brown**, CTE Supervisor, Southfield Public Schools
  - **Harry Patton**, Counselor, Southfield Public Schools - University High School Academy
- Host:** Valerie Felder, Consultant, Office of Career and Technical Education, MDE
- Marquette B**  
Session A
- ◆ **Improving Collaboration between Secondary and Postsecondary CTE Programs and Industry Partners**  
The Workforce Intelligence Network (WIN) and Schoolcraft College have been able to build a collaborative relationship with businesses to create different training models to meet employers' demands. Using a roundtable, members will present ideas and seek input for ways to improve networking to reach secondary CTE programs.
- **Mark Pogliano**, Associate Dean, Occupational Programs, Schoolcraft College
  - **Lisa Katz**, Executive Director, Workforce Intelligence Network
  - **Halyna Bialczyk**, CTE Consultant and CEPD Region 42 Administrator, Wayne RESA
- Host:** Jill Kroll, Supervisor, Office of Career and Technical Education, MDE
- Nicolet B**  
Session A
- **Positive Behavior Interventions and Supports**  
William D. Ford Career Technical Center has implemented PBIS (Positive Behavior Interventions and Supports) which places emphasis on employability skills. Our students are prepared to enter the workforce as professional men and women, through the behavior expectation matrix that reflects service and industry standards. Handouts will be available.
- **Dan Calhoun**, Social Worker, Wayne-Westland Community Schools
  - **Carol Nems**, Special Populations Coordinator, William D. Ford Career-Technical Center
- Host:** Leah Goode, High School Transfer Specialist, Transfer Services Center, Ferris State University
- Richard A**  
Session A
- **Let's Teach Green**  
The Tuscola Technology Center will share their experience of building several Green energy class projects which include: a Green Cabin, Electric Powered Ford Ranger, Bio-Diesel Fuel and Electric Race Carts. We will be discussing what the students have learned and how these projects were cross curricular throughout the Center.
- **Shawn Petri**, CTE Director, Tuscola ISD
  - **Paul Morris**, Teacher, Tuscola ISD
  - **Tim Loney**, Teacher, Tuscola ISD
- Host:** Patricia Talbott-Collins, Consultant, Office of Career and Technical Education, MDE

**Richard B**

Session A



**The 21st Century GPS - Global Trade Mission**

Session participants will engage in a hands-on look at the Oakland Schools Global Trade Mission (GTM) and unpack the components that address the focus of 21st century learning, social justice, global citizenship and STEM initiatives. GTM has been provided as a high school project for students in Oakland County for the past 15 years. GTM provides students with the skills and knowledge to succeed in today's world economy while supporting the business and industry partners in our own backyard.

- **Cynthia Scherphorn**, Instruction Resource and Career Development Consultant, Oakland Schools ISD
- **Faris Alami**, CEO, Integration Systems Management

**Host:** Andrea Schuitman, Student, Western Michigan University

**Luncheon Session**

**12:00 p.m. – 1:30 p.m.**



**Renaissance Ballroom**  
**Mr. Jamie Vollmer**  
**Author/President of Vollmer, Inc.**

Jamie Vollmer is president of Vollmer, Inc., a public education advocacy firm working to increase student success by raising public support for America's schools.

Jamie is the author of the highly acclaimed book, *Schools Cannot Do It Alone*, one of the "top ten books of the year" according to the American School Board Journal. He received the 2012 Friend of Public Education award from the Ohio Federation of Teachers, and the 2010 Learning and Liberty award presented by the National School Public Relations Association. Both awards were given in recognition of his twenty year effort to strengthen school/community partnerships.

*Hosts: Mary Schwartz, Leah Goode, Samantha Colwell, Malin Wagner*

1:30 p.m. - 1:45 p.m. ....Exhibitor Break.....Renaissance Foyer  
(Refreshments available in Renaissance Foyer)

**Session B**

**1:45 p.m. – 2:45 p.m.**

**Brule A/B**

Session B



**Defining Career and College Readiness in Terms of Next Generation Science Standards (NGSS) and Common Core State Standards (CCSS)**

The CCSS and NGSS offer clear opportunities for preparing career- and college-ready graduates in powerful CTE programs and courses. Learn about resources that can support you in meeting the new standards and defining habits of mind for success beyond high school.

- **Susan Codere**, Project Coordinator, Michigan Department of Education

**Host:** Toni Glasscoe, Director of K-12 Initiatives and Career Preparation, Lansing Community College



<b>Cadillac A</b> Session B  ■	<b>AMP It Up!</b> Community colleges and companies have always partnered together for workforce development; but a new model has emerged in Grand Rapids. Learn how Grand Rapids Community College and a variety of manufacturing companies have partnered to provide free college for high school graduates and how this model can be applied to any discipline. <ul style="list-style-type: none"> <li>• <b>Amy Koning</b>, Associate Dean of Operations, Grand Rapids Community College</li> </ul> <b>Host:</b> Sheree Price, Consultant, Community College Services, Workforce Development Agency
<b>Joliet A/B</b> Session B  ○	<b>How to Effectively Access and Use Michigan's Statewide Secondary Core Performance Indicator Data</b> This session will cover how to use core performance indicator (CPI) data effectively. Information on how to access CPI data and break this information down by region, career education planning district (CEPD), cluster, pathway, etc. will be provided. Effective techniques to derive information from this data through a process will be shared. <ul style="list-style-type: none"> <li>• <b>Krishnan Sudharsan</b>, Research Consultant, Office of Career and Technical Education, MDE</li> </ul> <b>Host:</b> Cynthia Candela, Job Placement Coordinator, Wayne-Westland Community Schools
<b>LaSalle A</b> Session B  ○	<b>CTE &amp; New Teacher Certification Guidelines</b> Presenters will provide a current update to Michigan teacher certification rules and the recent changes that are being implemented. Presenters will also cover the impact on Career and Technical Educators certification requirements. <ul style="list-style-type: none"> <li>• <b>Debbie Ryan</b>, Department Analyst, Office of Professional Preparation Services, MDE</li> <li>• <b>Glenna Zollinger-Russell</b>, Supervisor, Office of Career and Technical Education, MDE</li> </ul> <b>Host:</b> Christine Dahl, Program Administrator, Kalamazoo RESA, Education for Employment
<b>LaSalle B</b> Session B  □	<b>Strategies to Increase Enrollment at Your Tech Center! Get STARTED HERE!</b> Learn how Jackson Area Career Center and Jackson County ISD work together with local districts to increase Tech Center enrollment in a time when students have very few slots for electives in their high school schedules. Strategy 1. Use iPads to get students to visit and explore CTE classes. 2. Focus your marketing calendar on prime time. <ul style="list-style-type: none"> <li>• <b>Cindy Lyons</b>, Communications and Career Prep Coordinator, Jackson County ISD</li> </ul> <b>Host:</b> Kim Judd, Career Resource Liaison, Wyandotte School District
<b>Mackinac E</b> Session B  ❖	<b>Michigan's Programs of Study Development - Identifying Student Prerequisite Knowledge and Skills to Succeed in Certificate and Degree Programs</b> Identify the prerequisites required for learners' success and successful strategies to inform and prepare learners along with strengthening the alignment with secondary partners and industry. Improve outcomes for the learners and provide comprehensive counseling and advising as learners continue to graduation, transfer, and/or employment. Findings regarding Business and Criminal Justice programs will be presented. <ul style="list-style-type: none"> <li>• <b>Bethann Talsma</b>, Assistant Professor of Business-Office Administration, Grand Rapids Community College</li> <li>• <b>Ann Alexander</b>, Professor of Business, Grand Rapids Community College</li> <li>• <b>Jodi Richhart</b>, Police Academy Director, Grand Rapids Community College</li> <li>• <b>Nikki Banks</b>, Department Head-Criminal Justice, Grand Rapids Community College</li> </ul> <b>Host:</b> Cathy Green, Articulation Coordinator, Grand Rapids Community College
<b>Mackinac W</b> Session B  ❖	<b>Key to Success in BMMT: Hands-On Experiences</b> Hands-on: The key to success in our Business Management, Marketing & Technology CTE program. Our BMMT program delivers a comprehensive business curriculum, while providing hands-on experience in four separate labs: office, photography studio, silk screen business & retail store. Combine that with Generation E showcases and a hands-on senior year internship, to create student success. <ul style="list-style-type: none"> <li>• <b>Susan Sobeske</b>, BMMT Instructor, Branch Area Careers Center</li> <li>• <b>Rachel Hard</b>, Placement Coordinator, Branch Area Careers Center</li> </ul> <b>Host:</b> Karen Wolthuis, WIA Program Coordinator, Kent ISD

**Marquette A**  
Session B



**Are You College and Career Ready?**

Come learn how MBCC teachers banded together to plan, develop, and deliver exciting, meaningful, and fun cross-curricular lessons to all students at the center. Examples of student materials and sample lessons will be shared.

- **John P. Bayerl, PhD**, CTE Teacher, Michael Berry Career Center
- **Mike Riggs**, Core Academic Teacher, Michael Berry Career Center
- **Tina Ramos, RN**, CTE Teacher, Michael Berry Career Center

**Host:** Gretchen Spedowske, CTE Career and College Readiness Consultant, Char-Em ISD

**Marquette B**  
Session B



**The Power to Make a Difference**

As educators, we have one of the greatest opportunities and responsibilities to make a positive difference in the lives of young people. Through stories and personal anecdotes about real teacher and student situations, the presenter celebrates quality teaching. You will be challenged to identify and reflect on what you are doing that makes a positive difference in the lives of your students and to consider what else you could be doing. You will laugh, reflect, and be re-energized to continue your important work with students.

- **Jack Brown**, Associate Principal, Ingham ISD

**Host:** Elizabeth Collins, Department Analyst, Office of Career and Technical Education, MDE

**Nicolet A**  
Session B



**Excellence in Education**

The CTE EIP Award was presented to the Hospitality Program at Kent Career Technical Center. Join us to discuss the following: coordinating college partnerships, attaining multiple nationally recognized accreditations, and maximizing community involvement. The outcome of these efforts has better prepared KCTC students for postsecondary and job readiness.

- **Ryan Marklevitz**, Instructor, Kent ISD
- **Lynne Sargent**, Instructor, Kent ISD
- **Sarah Waller**, Instructor, Kent ISD
- **Lisa Hungerford**, Instructor, Kent ISD

**Host:** Anthony Lincoln, Student, Western Michigan University

**Nicolet B**  
Session B



**Project Lead The Way – Preparing Michigan Learners for Careers and College**

Experience how the nation’s leading provider of rigorous engineering and biomedical science curriculum for middle and high schools, Project Lead The Way (PLTW) prepares Michigan’s learners. Learn how this hands-on, project based program engages students on multiple levels and provides them with a foundation and proven path to college and career success.

- **William White**, Midwest Regional Vice President, Project Lead The Way

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

**Richard A**  
Session B



**Automotive Youth Educational Systems Update**

This presentation explains how Automotive Youth Educational Systems (AYES) is moving forward by involving more industry partners and becoming student driven thus opening the model to students enrolled in NATEF accredited automobile, collision repair/refinish or medium/heavy truck (diesel) technology programs to pursue the AYES Student Credential. This presentation will be presented using PowerPoint, discussions, and open question and answer time to provide attendees with information about the AYES Model and process, and what AYES could mean to their students.

- **Beti Yoder**, Area Manager - Midwest, AYES

**Host:** Andrea Schuitman, Student, Western Michigan University

**Richard B**  
Session B



**Reframing Educational Systems to Enhance the STEM Agenda in Michigan**

We have heard so much in the media that on average the performances of American students lag behind students in the rest of the world. It is evident that Michigan, like other states, is faced with severe challenge of ensuring sufficient students are trained in the area of Science, Technology, Engineering and Mathematics (STEM) to fill the employment gaps anticipated for the 21st century.

- **Norma Simons**, President, Performance Innovation LLC.
- **Cindy Veenstra**, Principal Consultant, Veenstra and Associates

**Host:** Clifford Akujobi, Education Consultant Manager, Office of Adult Education, Workforce Development Agency

2:45 p.m. - 3:15p.m. ....Exhibitor Break.....Renaissance Foyer  
(Refreshments available in Renaissance Foyer)

**Brule A/B**

Session C

**"You Want Me to Think? Why Can't I Just GOOGLE It?"**

Does this sound familiar? Teaching critical thinking and problem solving skills to students can be difficult. Learn about the successes and challenges encountered by a Business instructor, an English Language Arts teacher, and curriculum supervisor who created two authentic performance tasks to prepare students for the Smarter Balanced Assessments.

- **Janie Lesinski**, ELA Instructor, TBAISD Career-Tech Center
- **Julie Gauthier**, Business Careers Instructor, TBAISD Career-Tech Center
- **Mary Smith**, Curriculum Supervisor, TBAISD Career-Tech Center

**Host:** Sheree Price, Consultant, Community College Services, Workforce Development Agency

**Cabot**

Session C

**Stop Your Students from Wasting Time and Money via an Online Career Exploration Course**

Many students leave high school unsure of which career path they will choose. Ferris State University offers a fully online course to high school students to earn college credit for exploring self-assessments and other resources via the web. Join other ISD's in exploring the opportunities to stop your students from wasting time and money!

- **Gloria Barnett**, Professor, Ferris State University
- **Mary Holmes**, E-Learning Systems Administrator, Ferris State University
- **Don Green**, Vice President - Extended and International Operations, Ferris State University

**Host:** Gretchen Spedowske, CTE Career and College Readiness Consultant, Char-Em ISD

**Cadillac A**

Session C

**New Manufacturing Education Partnership between College, High School, and Local RESA**

Lake Michigan College, Brandywine Schools, and the Berrien RESA unveil a new collaboration to prepare students for careers in manufacturing. The program, for which the College and Brandywine share space, equipment, and instructors, will provide manufacturing training for students beginning as early as their freshman year in high school.

- **Kenneth Flowers**, Director, M-TEC, Lake Michigan College
- **Bryan Pyles**, Director of Career and Technical Education, Berrien RESA

**Host:** Jim Taylor, Dean of Health and Public Services, Kalamazoo Valley Community College

**Cadillac B**

Session C

**IChallengeU: An Innovative Summer Program that Connects Students with both College and Careers**

Learn about the development and implementation of the IChallengeU Program. Students in 11th and 12th grade work collaboratively with Ottawa Area businesses/organizations and OAISD master teachers to solve real issues in an intense, two-week summer educational opportunity. This program earns the students 4 transcribed, college credits through Grand Rapids Community College.

- **Jason Pasatta**, Development Director for Career and Technical Education, Ottawa Area ISD
- **Anthony McCaul**, Environmental and Agricultural Sciences Instructor, Ottawa Area ISD

**Host:** Jim Murphy, Program Administrator, Kalamazoo RESA, Education for Employment

**Cartier**

Session C

**Mississippi and Michigan: A C.O.O.L. Connection**

Attend this session and find out how an intermediate school district in Michigan is leading educators in the development of online CTE course through certification. The Certification of Online Learning (C.O.O.L.) was designed by a Mississippi educator for local CTE instructors. Now a national certification, educators are guided in the development and delivery of online instruction focused on student engagement and success. Learn firsthand the benefits and hurdles to moving your school toward the CTE online learning world. It's C.O.O.L!

- **Deb LaMothe**, CFE Consultant, Oakland Schools
- **Marilyn Goby**, CFE Consultant, Oakland Schools
- **Michael Mayville**, Instructor, Oakland Schools Technical Campus SE

**Host:** Marcus Murray, Student, Western Michigan University

**Duluth A/B**

Session C

**Women's Leadership and Careers**

Empower your young women by inviting professional women in your community to speak about their career and the twists and turns that it took them to get to the leadership position they are currently in. It is a dynamic way to address your non-traditional population without excluding everyone else.

- **Josie Smith**, Guidance Counselor, Branch Area Careers Center
- **Rachel Hard**, Placement Coordinator, Branch Area Careers Center

**Host:** Kim Judd, Career Resource Liaison, Wyandotte School District

- Joliet A/B**  
Session C
- 
- Program and Instructor Ranking Data: Is this Tough Data Worth Gathering, Knowing, and Using?**  
One instructor's answer: "Everyone wants to know how they compare. They just don't want anyone else to know." This session will address both the cultural and practical difficulties related to compiling detailed comparison data efficiently and using it effectively. Excel spreadsheet templates used to compare and report data will be provided.
- **Jeffrey Bohl**, Principal, Capital Area Career Center
  - **Nancy Bracke**, Instructor, Capital Area Career Center
- Host:** Anthony Lincoln, Student, Western Michigan University
- LaSalle A**  
Session C
- 
- The In's and Out's of Placing Students in a Work Environment**  
This session will be presented by Michigan Career Placement Association board members and will benefit anyone who is involved in the placement of students. The key components and documentation requirements for a work-based learning program will be discussed. Attendees will receive handouts and links to many helpful resources.
- **Lisa Bartell**, Co-op/Career Specialist, Kalamazoo RESA
  - **Debbie Lynch**, CTE Coordinator, Williamston High School
  - **Diana Bailey**, Department Specialist, Office of Career and Technical Education, MDE
- Host:** Cynthia Candela, Job Placement Coordinator, Wayne-Westland Community Schools
- LaSalle B**  
Session C
- 
- Efforts=Results: Strategies for Motivating and Preparing Students for College and Careers**  
Success in today's economy requires considerable personal investment. This program will present holistic strategies that support student success. Participants will have the opportunity to discuss career myths that impact financial literacy and academic preparation. Best practices that encourage students to be competitively prepared for the job market will also be shared.
- **Nannette McCleary**, University Counselor, Wayne State University
  - **Daisy Cordero**, Financial Aid Officer, Wayne State University
  - **Michelle Hunt Bruner**, Interim Director, Wayne State University
- Host:** Valerie Felder, Consultant, Office of Career and Technical Education, MDE
- Mackinac E**  
Session C
- ❖
- College Now = Success Later**  
Participants in this session will learn how the LISD TECH Center's College Now program emphasizes dual enrollment and blends college courses into CTE classes to encourage students to get a jump start on college credits. Participants will find out how their students can benefit from our ideas and strategies including how to implement a dual enrollment program into a CTE center, how to navigate the dual enrollment legislation and how to support student success in dual enrolled courses.
- **Kim Dusseau**, Career Preparation Services Coordinator, LISD TECH Center
  - **Mary Tommelein**, Counselor, LISD TECH Center
  - **Jane Castle**, Career Preparation Services Coordinator, LISD TECH Center
- Host:** Andrea Schuitman, Student, Western Michigan University
- Mackinac W**  
Session C
- ❖
- For the Love of Reading**  
Do you have students who hate to read? Students who won't read? This session will explore how to turn this around and instill a love for reading in even the most stubborn non-readers. We will demonstrate a successful new approach to helping students improve their reading skills.
- **Jennifer Stairs**, English Language Arts Instructor, TBAISD Career Tech Center
  - **Christopher Korbel**, Information Technology Instructor, TBAISD Career Tech Center
  - **Jim Wrede**, Auto Technology Instructor, TBAISD Career Tech Center
- Host:** Tom Knight, Consultant, Office of Career and Technical Education, MDE
- Marquette A**  
Session C
- ◆
- The Mobile Explosion: What Does it Mean for Students, Their Career Opportunities, the Education Community, and Michigan's Economy?**  
Mobile technology is exploding! In Michigan, it's one of our fastest-growing sectors and can transform our state's economy – if we act now – and if our students are ready! Join us for a presentation to discuss what this surge in mobile technology means to students, their career opportunities, the education community, and Michigan's economy.
- **Linda Daichendt**, CEO/Executive Director, Mobile Technology Association of Michigan
- Host:** Heidi Lamb, Administrative Support, Office of Career and Technical Education, MDE

## Marquette B

Session C



### **Integrating CAD, Manufacturing & Math in CTE**

This presentation and interactive discussion will describe how to integrate CAD Drafting with a modern CNC/CAM machine shop/manufacturing lab. Math is an integral part of engineering, so a straightforward system to teach math in context will also be presented. We will demonstrate how CAD/Drafting, Machine Shop/CAM, and Technical Math can be taught together (concurrently) forming a modern manufacturing curriculum.

- **David Grohs**, CAD/CAM Engineering & Architecture Program Mgr., Branch Area Careers Center

**Host:** Zena Lowe, Consultant, Office of Career and Technical Education, MDE

## Nicolet A

Session C



### **Rigor, Relevance, and Relationships! - TBA ISD Career Tech Center**

TBAISD Career Tech Center's Teacher Academy Coordinator and three former students will explain how the Teacher Academy Program has evolved over the past 11 years. This program was designed to provide a CTE option for students interested in a career in teaching. It pairs future teachers with mentors and host teachers to engage students in all aspects of school-related activities. Students have close to 400 hours in a classroom with supervising teachers by the time they complete this program. As a result of their involvement in the Teacher Academy, students are able to gain a realistic understanding of the demands of teaching in the 21st century. Teacher Academy students leave the program as independent, tech-savvy learners, ready for post-secondary training.

- **Susan O'Connor**, Teacher Academy Coordinator, Traverse Bay Area ISD
- **Bob Taylor**, Student, Eastern Michigan University
- **Maria LaCross**, Instructor, Traverse City St. Francis
- **Daryl Dimon**, Instructor, Kalkaska Middle School

**Host:** Mary Schwartz, Student, Western Michigan University

## Nicolet B

Session C



### **Creating Strategic Partnerships to Advance CTE**

Join us for a discussion on the rigorous technical standards developed by the construction and maintenance industry; and how to align CTE programs with industry standards. Preparing students for high-skill, high wage jobs, using portable credentials valued throughout the construction industry, and developing industry partnerships benefits students. Articulation opportunities with association, industry and post-secondary training programs are important.

- **Brian Mann**, Executive Director, Pearson - NCCER Program
- **Michelle Revette**, Director of Education, ABC Greater MI Chapter

**Host:** Deb Logsdon, Administrative Support, Department of K-12 Relations, Lansing Community College

## Richard A

Session C



### **The New NATEF Program Accreditation Model: Partnership with Industry and Education**

This presentation will address the new NATEF program accreditation model for automobile technology training programs. This model is more congruent with the auto service industry needs and expectations. The new model has been reviewed by auto manufacturers and vetted nationwide with auto service associations, instructors, and program administrators. It will include major features/implementation.

- **Patricia Serratore**, President, NATEF

**Host:** Jill Kroll, Supervisor, Office of Career and Technical Education, MDE

## Richard B

Session C



### **Supporting STEM Within CTE Programs in Michigan Using Project Lead The Way**

The focus will be on the implementation of PLTW curriculum in CTE programs. The program has been successfully implemented within five CTE area centers in Michigan already. The presentation will provide an overview of PLTW Programming available to CTE centers, alignment of the States CIP 15,000 to Engineering and Bio Medical PLTW programs, and understand the benefits and challenges of using PLTW in CTE programs.

- **Paul Kuwik**, State Director, Project Lead The Way, Eastern Michigan University
- **John Riedman**, Faculty, Jackson Area Career Center
- **Bob Jones**, Faculty, Lenawee ISD

**Host:** Deb Miller, EFE Executive Director, Kalamazoo RESA

# Tuesday, February 12

7:00 a.m. - 11:30 a.m. ....Registration/Information/Exhibitors.....Renaissance Foyer  
7:00 a.m. - 8:00 a.m. ....Breakfast Buffet.....Renaissance Ballroom

## Session D

8:00 a.m. – 9:00 a.m.

### Brule A/B

Session D



#### **Update: New Online Technology to Support CTE Instruction**

This presentation will provide an update on new online resources that are available for CTE instructors to support instruction. Tools presented will include: Khan Academy, Free Video Lectures, YouTube for Schools, TED, Cosmo Learning, Open Culture, I-Tunes University, PhotoFunia, PhotoFlexer, Bubbl.us, Wordle, Voki, Glogster, and Vuvox.

- **Mike Ennis**, Associate Professor, Ferris State University
- **James Powell**, Director, School of Education, Ferris State University

**Host:** Tom Knight, Consultant, Office of Career and Technical Education, MDE

### Cadillac A

Session D



#### **How to Move from Annual Authorization to Interim Occupational Certification**

Participants will learn what is needed to move from Annual Authorization to Interim Occupational Authorization in this session. A detailed explanation of related work experience requirements and academic credit parameters will be discussed. After the session, each participant will have an opportunity to meet with the presenter to outline an individualized Plan-of-Work on how to achieve their IOC, given their current academic/occupational standings, if participants provide student copies of academic post-secondary transcripts and a current resume.

- **Geralyn Stephens**, Assistant Professor - Clinical, Wayne State University

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

### Cadillac B

Session D



#### **Employment of Minors - Youth Employment Standards Act 90 of 1978**

Youth Employment Standards Act 90 of 1978 was enacted to: provide for the legal employment and protection of minors; provide for the issuance and revocation of work permits; provide for the regulation of hours and conditions of employment; and provide for the enforcement of this Act. This session will provide you with a greater understanding of this act and the impact this has on youth employment.

- **Tara Bride**, Regulations Specialist, Office of Career and Technical Education, MDE

**Host:** Donna Burmeister, Career Preparation/Work Program Developer, Genesee ISD

### Duluth A/B

Session D



#### **Effective Programs of Study + Effective Articulation + New Online Process = Student Success**

Experience an overview of the programs of study and how the system in Oakland County migrated from paper to electronic. Learn how a student registers to be a part of the database for credit, how a teacher receives login instructions, and how expanded and articulation credit is processed. The presentation will include a live demonstration.

- **Deborah Taylor**, Articulation Director, Oakland Community College
- **Jenny Griffith**, Teacher, Walled Lake Schools
- **Ken Sigler**, CIS Department Chair, Oakland Community College

**Host:** Zena Lowe, Consultant, Office of Career and Technical Education, MDE

### LaSalle A

Session D



#### **Meet the CEPD's**

We invite all who would like to learn more about the CEPD Council and the work we are doing for CTE in Michigan to attend this session. During this session, members from the CEPD Council Executive Board will be available to discuss the organization and the work we are involved in.

- **Shawn Petri**, Administrator, Tuscola ISD
- **Jarrad Grandy**, Administrator, Kent ISD

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

<p><b>LaSalle B</b> Session D</p> <p>□</p>	<p><b>Strengthening Relationships &amp; Increasing Success- How to Help Students Succeed</b> This session will share some of the relationship building strategies that have helped increase the special population graduation rate from 5% to 27% over the last three years at a local community college. Additional topics will include recruitment strategies for attracting nontraditional (gender) training participants and English as a Second Language (ESL) students.</p> <ul style="list-style-type: none"> <li>• <b>Madonna Carpenter</b>, Special Populations Coordinator, Mott Community College</li> </ul> <p><b>Host:</b> Ashley Shoemaker, Student, Western Michigan University</p>
<p><b>Mackinac E</b> Session D</p> <p>❖</p>	<p><b>Using PLC's to Introduce Common Core in the CTE Classroom</b> This session will focus on using Professional Learning Communities (PLC's) to integrate reading and math Common Core standards into your CTE curriculum. This session will cover a wide spectrum of CTE classes from business to industrial tech. Handouts will be provided.</p> <ul style="list-style-type: none"> <li>• <b>Mike Wesner</b>, Business Teacher, Grand Blanc Schools</li> <li>• <b>Martha Gale</b>, CTE Coordinator, Grand Blanc High School</li> <li>• <b>Brad Bailey</b>, Industrial Arts Teacher, Grand Blanc Schools</li> <li>• <b>Kim Barnes</b>, Business Teacher, Grand Blanc High School</li> </ul> <p><b>Host:</b> Anthony Lincoln, Student, Western Michigan University</p>
<p><b>Marquette A</b> Session D</p> <p>□</p>	<p><b>Hospitality Career Summit</b> Presenters will share the success of their one day Hospitality Career Summit, in which they help secondary students develop a career transition plan including post-secondary education. We believe that this model could be adopted for any pathway and be duplicated by other Hospitality/CTE programs throughout the State.</p> <ul style="list-style-type: none"> <li>• <b>Kristen Dogan</b>, Program Manager, Branch Area Careers Center</li> <li>• <b>Amanda Smith</b>, Director of Education, Michigan Restaurant Association</li> </ul> <p><b>Host:</b> Jim Murphy, Program Administrator, Kalamazoo RESA, Education for Employment</p>
<p><b>Marquette B</b> Session D</p> <p>●</p>	<p><b>Engineering a Partnership: How to Grow Students and Build Your Community at the Same Time</b> Do you wish your students could experience the "real world" before they graduate? Are there needs in your community that are not being met? CTE and Special Populations staff will share a capstone experience/partnership that benefits both groups. Consider how you might develop a partnership with local leaders to help students and your community.</p> <ul style="list-style-type: none"> <li>• <b>Mark Gothberg</b>, CAD/CAM instructor, Calhoun Area Career Center</li> <li>• <b>Sharon Abdella</b>, Occupational Therapist, Doris Klaussen Developmental Center</li> </ul> <p><b>Host:</b> Samantha Colwell, Secretary, Transfer Services Center, Ferris State University</p>
<p><b>Nicolet B</b> Session D</p> <p>■</p>	<p><b>Making the Connection with Community Colleges</b> Learn about the structure and operations of community colleges in Michigan. This session is a combination of presentation and dialogue on some of the current issues and variables that influence each college's decisions and operations. It is intended to promote greater collaboration among secondary and post-secondary institutions, particularly in the area of industrial technology/trades.</p> <ul style="list-style-type: none"> <li>• <b>Clark Harris</b>, Dean of Technology, Mott Community College</li> <li>• <b>Joe Petrosky</b>, Dean of Engineering and Advanced Technology, Macomb Community College</li> </ul> <p><b>Host:</b> Jim Taylor, Dean of Health and Public Services, Kalamazoo Valley Community College</p>
<p><b>Richard A</b> Session D</p> <p>❖</p> <p>Vendor</p>	<p><b>Online Education with CDX Automotive &amp; Diesel</b> Explore online education with CDX Automotive &amp; Diesel Discover the benefits of online learning, the latest trends in e-learning, and integrated online course management. Learn how you can meet the NEW NATEF standards with the new CDX. Experience a CDX demonstration of an all-new fully integrated training system which will make accreditation easier and see new CDX videos and interactive animations.</p> <ul style="list-style-type: none"> <li>• <b>Randy Haubner</b>, CDX Representative, CDX</li> </ul> <p><b>Host:</b> Patricia Talbott-Collins, Consultant, Office of Career and Technical Education, MDE</p>
<p><b>Richard B</b> Session D</p> <p>●</p> <p>Vendor</p>	<p><b>Autodesk Design Academy: What's in the Box?</b> Autodesk Design Academy Suite 2013: This session will provide an overview of what's new in the 2013 Autodesk Design Academy, it will cover all updates, tips and tricks to ensure both new and old Autodesk user's can maximize the use and functionality of their Autodesk Design Academy Suite 2013. An overview of how education partners such as the MDEA Group, Indiana Career Technical Center, and Oakland Technical Prep Group are using the programs will also be provided.</p> <ul style="list-style-type: none"> <li>• <b>Michelle Hackett</b>, Application Engineer, Studica</li> <li>• <b>Perry Taylor</b>, Sales Consultant, Studica</li> </ul> <p><b>Host:</b> Leah Goode, High School Transfer Specialist, Transfer Services Center, Ferris State University</p>

## Session E

9:15 a.m. – 10:15 a.m.

### **Brule A/B** Session E



#### **From Annual Authorization to IOC: Promoted at Ferris State University**

Pro-Mo-TEd is a Professional Modularized Teacher Education program at Ferris State University in its fifth year of linking future CTE instructors to the classroom. Emphasis will be placed on what it takes to make the students successful, including how to create and maintain professional networks while going through this program. Participants will also learn about the application requirements and the coursework for the Promoted Program.

- **Mike Ennis**, Associate Professor, Ferris State University
- **Lisa Besemer**, Promoted Advisor, Ferris State University

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

### **Cabot** Session E



#### **Marketing Your CTE Program Using Websites**

Nearly all CTE teachers/programs have a website. What are you doing with it? When is the last time you updated it? Dr. Adam Manley will discuss how CTE programs from around the country are effectively marketing their program through their website. In addition, he will share technologies available to make website development and maintenance easier.

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

**Host:** Christine Dahl, Program Administrator, Kalamazoo RESA, Education for Employment

### **Cadillac A** Session E



#### **Merging the Benefits of CTE and Early College Models of Education - Using Health Care as an Example**

Come learn how the Van Buren Early College Health Alliance (VBECHA) utilizes a CTE/Early College framework, along with college and community partnerships, to provide students with a comprehensive experience that prepares them for high-wage, high-demand careers in the healthcare industry. Through a variety of CTE and college coursework, VBECHA students have the opportunity to earn up to 37 college credits prior to graduating high school.

- **Robert Smith**, Administrator, Career Guidance, Job Placement, & CTE Programming, Van Buren ISD
- **Tracy Johnson**, Early College Coordinator, Van Buren ISD

**Host:** Donna Burmeister, Career preparation/Work Program Developer, Genesee ISD

### **Cadillac B** Session E



#### **Design by Number: Making Math Fun with Integrated Projects**

Are you struggling with project ideas to integrate math in a meaningful and engaging way, while meeting academic standards in technical segments? We'll focus on exploring successfully implemented math-based projects for a design class and the process used to create them. Additional program projects will also be shared from culinary, construction, and electrical programs.

- **Julie Orr**, Visual Imaging Technology, Instructor, TBAISD Career-Tech Center
- **Karen Shoskey**, Math Instructor, TBAISD Career-Tech Center

**Host:** Madonna Carpenter, Special Populations Coordinator, Mott Community College

### **Duluth A/B** Session E



#### **Introducing the Next Generation Science Standards (NGSS)**

The Next Generation Science Standards (NGSS) provide a K-12 progression and base for powerful STEM education in and beyond high school. The presentation will focus on access to and use of resources for planning curriculum, instruction, and assessment and promoting extended STEM education.

- **Susan Codere**, Project Coordinator, MDE

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

### **Joliet A/B** Session E



#### **Building Dashboards and Using Visual Analytic Software to Explore Michigan's Career and Technical Education Data**

How can we make career and technical education data more meaningful, easy to understand, and actionable to our stakeholders? At the Office of Career and Technical Education, we use powerful tools from the business intelligence world to analyze and visualize career and technical education data. An inside look at these processes will be shared with attendees.

- **Krishnan Sudharsan**, Consultant, Office of Career and Technical Education, MDE

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

- LaSalle A**  
Session E
- ❖
- Engaging Students in a Real World Experience Operating a Virtual Business**  
Learn about Virtual Enterprise International (VEI), which is a simulated business set up and run by students. Students experience all facets of being an employee in a firm as they engage in actual business tasks, activities, and transactions, including trading with other simulated firms around the world. Students will be present to discuss their experiences.
- **Denise Belt**, CTE Director, Shiawassee RESD
  - **Jeff Phillips**, Principal, Owosso High School
  - **Deb Custack**, CTE Teacher, Byron High School
  - **Laurie Giesken**, CTE Teacher, Owosso High School
  - **Wendy Schmitt**, CTE Teacher, Lakeland High School
- Host:** Ashley Shoemaker, Student, Western Michigan University
- LaSalle B**  
Session E
- 
- Where Do I Go from Here? Career Choices for Students with ADD/ADHD**  
ADD/ADHD can be difficult to cope with, but learning how to stay on track can make work less of a "daily grind." ADD/ADHD influences which careers people choose, and it is considered an asset in some. Learn work-enhancing skills. Revisit just how important it is for ADDers to follow their hearts toward a rewarding career.
- **Robbyn Candelaria**, Career Guidance Coordinator/School Counselor, Van Buren ISD
- Host:** Deb Miller, EFE Executive Director, Kalamazoo RESA
- Mackinac E**  
Session E
- ❖
- Automotive Technology Teachers' Round Table**  
Share your best automotive and integrated academic lessons, strategies, and tools used in your classroom and learn what other automotive teachers are doing to educate today's students. Join other automotive teachers to discuss the new automotive end of program tests and new NATEF standards. This session is intended for automotive technology teachers only.
- **Chuck Sanecki**, Automotive Technology Instructor, Bedford High School
- Host:** Sue Gardner, Principal, Eaton ISD Career Preparation Center
- Mackinac W**  
Session E
- 
- Post-Project Briefing: Community Conversations on Michigan's PreK-12 Education System**  
In 2012, The Center for Michigan facilitated town hall-style meetings called "Community Conversations with 5,000 Michigan residents about the future of Michigan's preK-12 education system. The Center will present the citizen agenda that was created from the ideas and opinions shared by Michigan residents in these conversations. This session is a follow-up to the sessions presented in 2012.
- **Amber Toth**, Outreach Coordinator, The Center for Michigan
- Host:** Marcus Murray, Student, Western Michigan University
- Marquette A**  
Session E
- 
- Twenty Things You Can Do RIGHT NOW to Improve Your Class!**  
How many times have you been in the middle of a semester and wondered, "What am I going to do with this class?!" This workshop is designed to help! We will look at twenty things you can do immediately to improve the dynamics in your class.
- **Frank Dunbar**, Campus Chief Academic Officer, Wayne County Community College District
- Host:** Jim Murphy, Program Administrator, Kalamazoo RESA, Education for Employment
- Marquette B**  
Session E
- 
- Path to Palau - Using Underwater Robotics**  
Students use Underwater Remotely Operated Vehicle (UROV) to search for America's missing airmen in the Western Pacific Ocean. Learn how eight high school robotics students from the small rural community of Stockbridge, Michigan raised \$40,000, designed, built and deployed an underwater robot to the Pacific Island nation of Palau.
- **Robert Richards**, Robotics Instructor, Stockbridge High School
- Host:** Deb Logsdon, Administrative Support, Department of K-12 Relations, Lansing Community College
- Nicolet B**  
Session E
- ❖
- Curriculum to Go! – Career Ready Practices for the Common Career Technical Core**  
Can a work ethic be instilled where one does not exist? Examine a comprehensive package designed to develop career-ready skills for your CTE program, culminating with an employment certification. Teacher Practitioners share their best practices and offer an interactive lesson. See how these exciting components can be integrated into your CTE program!
- **Donna Bogataj**, CTE Service Provider, Wayne RESA
  - **Halyna Bialczyk**, Career Preparation and Technical Education Consultant, Wayne RESA
  - **Ann Gray**, CTE Education Instructor, Grosse Ile High School
  - **Judy Kopaniasz**, CTE Health Instructor, Grosse Ile High School
- Host:** David MacQuarrie, Research Consultant, Office of Career and Technical Education, MDE

**Richard A**

Session E

**Free Hands-On Math, Science, & Social Science Tools**

Transportation and Civil Engineering (TRAC) is a student outreach program that offers free teacher training including free hands-on tools and activities that will bring real world engineering into their classrooms. Replacement supplies and internship positions are additional bonuses to the TRAC program.

- **Julie VanPortfliet**, TRAC Program Manager, Michigan Department of Transportation

**Host:** Heidi Lamb, Administrative Support, Office of Career and Technical Education, MDE

10:15 a.m. - 10:30 a.m. ....Exhibitor Break.....Renaissance Foyer  
(Refreshments available in Renaissance Foyer)

**Session F****10:30 a.m. – 11:30 a.m.****Brule A/B**

Session F

**Measuring Student Growth in CTE: When Data is NOT a 4-Letter Word**

Imagine CTE teachers measuring student growth by using the DataDirector data management system to create program-specific formative assessments from teacher-created question banks, linked to CTE Technical Standards and soon to Common Core State Standards. Sound too good to be true? Come and learn how you can access this powerful tool.

- **Scott Palmer**, CTE Regional Administrator, Macomb ISD
- **Jennifer Parker-Moore**, Interactive Learning/Data Consultant, Macomb ISD

**Host:** David MacQuarrie, Research Consultant, Office of Career and Technical Education, MDE

**Cabot**

Session F

**Teacher Revolution: How to Enjoy Your Most Challenging Students**

Do you ever wonder if going after the challenging students is worth it? Teacher Revolution is an in-service and professional development program designed to inspire educators to go after the hard ones. With PowerPoint and video of one of Joshua's heroic teachers that helped turn his life around, educators will leave the program inspired and filled with passion and purpose.

- **Joshua Spears**, Motivational Speaker, Personal Revolution

**Host:** Deb Logsdon, Administrative Support, Department of K-12 Relations, Lansing Community College

**Cadillac B**

Session F

**Building Dual Enrollment Courses**

This presentation will discuss the successes, problems, insights and questions regarding dual enrollment experienced at the Jackson Area Career Center. We choose to do entrepreneurship due to the local need and the national agenda for this course. Participants will receive a start-up kit and templates for building dual enrollment courses.

- **William Farrant**, Instructor, Jackson Area Career Center

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

**Duluth A/B**

Session F

**NOCTI: Start-to-Finish**

Participate in a discussion of the tools and resources available to support a successful NOCTI testing program. Explore best practice ideas and strategies, including using scoring data for improvement.

Learn how scoring data can be analyzed to assist with targeting gaps in student learning, identifying areas for curricular improvement, establishing baseline data, and tracking trends.

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

**Host:** Denise Teague, Consultant, Office of Career and Technical Education, MDE

**Joliet A/B**

Session F

**Earning College Credit Now Can Reduce the Time to Degree and Student Debt Later**

Strong secondary/postsecondary relationships can provide opportunities for students to begin college while in high school. This opportunity not only helps students to establish a seamless transition between high school and college, but can also assist students in reducing their time to degree and future student debt. Handouts will be provided and actual models will be described.

- **Deedee Stakley**, Director, Transfer Services Center, Ferris State University
- **Toni Glasscoe**, Director, K-12 Initiative and Career Preparation, Lansing Community College

**Host:** Kelli Cross, Administrative Support, Office of Career and Technical Education, MDE

<b>LaSalle A</b> Session F  ❖	<p><b>MCCTE Navigator Updates</b></p> <p>We will be presenting the latest information and highlighting new features that have been added to the MCCTE Navigator system as well as information on what is coming soon to help you with CTE standards, academic alignment and CIP Self-Review web feature.</p> <ul style="list-style-type: none"> <li>• <b>Diana Bailey</b>, Department Specialist, Office of Career and Technical Education, MDE</li> <li>• <b>Glenna Zollinger-Russell</b>, Supervisor, Office of Career and Technical Education, MDE</li> <li>• <b>Debbie Ryan</b>, Department Analyst, Office of Professional Preparation Services, MDE</li> </ul> <p><b>Host:</b> Kim Judd, Career Resource Liaison, Wyandotte School District</p>
<b>LaSalle B</b> Session F  ■	<p><b>Statewide Credit Agreements: Progress in Developing a Model</b></p> <p>This presentation will provide an overview of work to date by a collaborative group of secondary and postsecondary CTE and occupational educators and administrators, on creating a template and step-by-step process that groups may use to develop statewide credit agreements.</p> <ul style="list-style-type: none"> <li>• <b>Jill Kroll</b>, Supervisor, Office of Career and Technical Education, MDE</li> </ul> <p><b>Host:</b> Jim Taylor, Dean of Health and Public Services, Kalamazoo Valley Community College</p>
<b>Mackinac E</b> Session F  ❖	<p><b>TRAC C10, Implementation of CTE Standards</b></p> <p>In the TRAC CIP Self Review Process, C10 causes teachers and administrators multiple problems. The Career Curriculum Development Association (CCDA) has resources to aid participants with the GAP - Electronic and Excel, develop academic components, leadership, and syllabi. Recieve a jump drive with numerous resources. Don't understand this description? This one's for you!</p> <ul style="list-style-type: none"> <li>• <b>Carol Clark</b>, Program/TRAC Coordinator, CCDA</li> <li>• <b>Kim Fischer</b>, President, CCDA</li> </ul> <p><b>Host:</b> Christine Dahl, Program Administrator, Kalamazoo RESA, Education for Employment</p>
<b>Mackinac W</b> Session F  ○	<p><b>Post-Project Briefing: Community Conversations on Michigan's PreK-12 Education System</b></p> <p>In 2012, The Center for Michigan facilitated town hall-style meetings called "Community Conversations with 5,000 Michigan residents about the future of Michigan's preK-12 education system. The Center will present the citizen agenda that was created from the ideas and opinions shared by Michigan residents in these conversations. This session is a follow-up to the sessions presented in 2012.</p> <ul style="list-style-type: none"> <li>• <b>Amber Toth</b>, Outreach Coordinator, The Center for Michigan</li> </ul> <p><b>Host:</b> Halyna Bialczyk, Regional CEPD/CTE Administrator, Wayne RESA</p>
<b>Marquette A</b> Session F  ❖	<p><b>Best Resources and Best Practices for Career and College Readiness: The Michigan eLibrary and Clinton Community Schools</b></p> <p>This session will focus on using resources available at no cost to all Michigan residents from the Michigan eLibrary (MeL). You can use these resources to enhance and promote college and career readiness. Resources such as college entrance exam practice tests, courses, and ebooks, as well as other MeL resources that promote information literacy (a skill critical to college and career success), will be discussed in the framework of a school district that has successfully incorporated these digital resources throughout the curriculum with emphasis on the Common Core State Standards.</p> <ul style="list-style-type: none"> <li>• <b>Deb Biggs Thomas</b>, Michigan eLibrary and Outreach Coordinator, Library of Michigan</li> <li>• <b>Randy Riley</b>, Michigan eLibrary and Outreach Coordinator, Library of Michigan</li> <li>• <b>Carma Roesch</b>, District Media Specialist, Clinton Schools</li> </ul> <p><b>Host:</b> Clifford Akujobi, Manager, Office of Adult Education, Workforce Development Agency</p>
<b>Marquette B</b> Session F  ◆	<p><b>Careers on the Move</b></p> <p>Michigan is strategically situated to be a key player in the growing logistics industry. Are Michigan students ready to fill the new positions and replace retiring workers? Learn about unlimited career opportunities available in the world of supply chain logistics.</p> <ul style="list-style-type: none"> <li>• <b>Amy Kienast</b>, National Director of Business Relations, MIAT College of Technology</li> </ul> <p><b>Host:</b> Jennifer Weisenberg, Administrative Support, Office of Career and Technical Education, MDE</p>
<b>Nicolet B</b> Session F  ◆  Vendor	<p><b>iCEV Curriculum-on-Demand (Business and Marketing and Careers)</b></p> <p>CEV is proud to introduce its new, online iCEV Business and Marketing site and online Careers site. This Curriculum-on-Demand delivery model allows "anytime, anyplace" access to CEV's entire business and marketing curriculum and CEV's entire career curriculum.</p> <ul style="list-style-type: none"> <li>• <b>Ken Bollinger</b>, Curriculum Sales Consultant, CEV</li> <li>• <b>Shawn Elliott</b>, Business Education Teacher, Crestwood High School</li> </ul> <p><b>Host:</b> Ashley Shoemaker, Student, Western Michigan University</p>

**Richard A**  
Session F



Vendor

**Engaging On-line Career-Based Content**

This session will include an overview of online issues instructors face, e.g., the multiplicity of browsers, online tools, and Learning Management Systems (LMS). Today's Class is one example of an integrated LMS that includes interactive content. Tools include a graphics database to facilitate lecture preparation, diverse reporting features, student homework, reduce lecture time, and increase test score. Surveys of participating instructors reflect these positive results. In addition to student engagement, considerable text is downloaded so as to reduce reliance on expensive print material. Online programming for "Career Ready" content has been developed in the areas of Auto Technology, Health Science, Cosmetology, and Agriscience. A live demonstration is included.

- **Rod Boyes**, President, Melior-Delaware (aka Today's Class)

**Host:** Tom Knight, Consultant, Office of Career and Technical Education, MDE

**Richard B**  
Session F



Vendor

**Autodesk Digital Steam featuring AutoCAD**

This workshop is designed to provide attendees an overview of the new Autodesk interactive portal. Attendees will view free curriculum, classroom ready assets, and projects that are just a click away. The presenter will walk you through a Autodesk Digital Steam project using AutoCAD.

- **Michelle Hackett**, Application Engineer, Studica

**Host:** Madonna Carpenter, Special Populations Coordinator, Mott Community College

**Luncheon Session**

**11:30 a.m. – 1:15 p.m.**



**Renaissance Ballroom**

**Chef Jeff Henderson**  
**Chef/Author/Speaker**

Chef Jeff Henderson is an award-winning chef, motivational speaker, *New York Times* best-selling author, and Food Network television personality. Henderson captivates audiences across the country with his triumphant story of change and the power of potential.

Henderson grew up on the tough streets of Central LA and San Diego. By the time he was 19, he was running a \$35,000 a week drug operation. At 24, Henderson was arrested and sent to prison, where he spent the next ten years behind bars. It was while incarcerated that he discovered a passion for cooking and committed himself to turning his life around.

*Hosts: Marcus Murray, Leah Goode, Samantha Colwell, Malin Wagner*

***Awards Ceremony and Door Prizes***

*(Must be present to win. To enter, turn in your conference badge at the luncheon session.)*

*Thank you to the exhibitors who have donated door prizes!*

# Exhibitors

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**Applied Technology Systems, LLC**  
PO Box 250232  
Franklin, MI 48025  
586-612-9706

**ASVAB Career Exploration Program**  
120 E Jolly Road  
Lansing, MI 48910  
517-887-1713

**Career Cruising**  
1867 Yonge St. Suite 1002  
Toronto, ON 00000  
800-965-8541

**Cengage Learning**  
3386 Palm Aire Ct.  
Rochester Hills, MI 48309  
269-353-3744

**CEV Multimedia**  
1020 SE Loop 289  
Lubbock, TX 79404  
800-922-9965

**DASI Solutions**  
675 Orchard Lake Road  
Pontiac, MI 48341  
248-410-9896

**Detroit Carpentry JATC**  
1401 Farrow  
Ferndale, MI 48220  
248-541-2740

**Education2020**  
7303 E Earll Drive  
Scottsdale, AZ 85251  
616-826-0556

**Electude USA**  
303 Wyman St., Suite 300  
Waltham, MA 02451  
434-292-7002

**Ferris State University School of Education**  
1349 Cramer Circle BIS412  
Big Rapids, MI 49307  
231-591-3188

**Goodheart-Willcox Publisher**  
18604 West Creek Drive  
Tinley Park, IL 60477  
708-623-1827

**Integrated Systems Technology**  
43854 Harlequin Lane  
Clinton Twp., MI 48038  
586-260-9908

**Library of MI/Michigan eLibrary**  
702 W Kalamazoo Street  
Lansing, MI 48908  
517-373-4466

**MIAT**  
2955 S. Haggerty Road  
Canton, MI 48188  
734-423-2100

**Operating Engineers Local 324**  
LMEC275 E. Highland Rd.  
Howell, MI 48843  
517-546-9610

**Pearson/NCCER**  
Attn: Margaret Onesi  
One Lake Street  
Upper Saddle River, NJ 07458  
800-544-8398

**PassAssured, LLC**  
1504 West Park Ave.  
Orange, TX 77630  
866-778-7277

**Realityworks**  
2709 Modovi Rd  
Eau Claire, WI 54701  
800-830-1416

**Signing Online, LLC**  
215 North Every Rd  
Mason, MI 48854  
517-676-4361

**Studica Inc.**  
2326 Lockport Rd  
Sanborn, NY 14132  
716-731-9070

**Today's Class**  
200 Cahaba Park Circle #250  
Birmingham, AL 35242  
205-298-8300

**Total Seminars**  
12929 Gulf Freeway #105  
Houston, TX 77034  
281-922-4166

**VariQuest**  
2355 Polaris LN N / STE 100  
Plymouth, MN 55447  
800-328-0585

**Walden University**  
10764 Ludlow Avenue  
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# Quick Reference Guide for Career and Technical Education Secondary School Programs

Michigan Department of Education  
Office of Career and Technical Education  
Post Office Box 30712  
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		(Area Code 517)
4483 Enrollment Report	Joan Church	335-0360
Advisory Committee Toolkit	Christine Reiff	241-0260
Agriculture, Food and Natural Resources Cluster	Randy Showerman	355-3562
Ancillary Data Reports	David MacQuarrie	241-6202
Apprenticeship Programs	USDOL	377-1746
Architecture and Construction Cluster	Zena Lowe	241-4355
Arts, A/V, Technology, and Communications Cluster	Zena Lowe	241-4355
Breaking Traditions Award	Norma Tims	241-2091
Business, Management and Administration Cluster	Tom Knight	373-8545
Business Professionals of America (BPA) (CTSO)	Maurice Henderson	734/487-1700
Career Education Conference	Joanne Mahony	335-0405
Career Pathways Assessment Collaborative (CPC)	David MacQuarrie	241-6202
Cash Management System (CMS)	Debbie Lonik	241-6929
CEPD Options Form	Joan Church	335-0360
Civil Rights Compliance Review (CRCR)	Norma Tims	241-2091
Core Performance Indicators (Perkins CTE)	Krishnan Sudharsan	241-7652
Counseling/Counselor Education	Christine Reiff	241-0260
Criminal Offender Grants (Adult)	Debbie Lonik	241-6929
CTE/CEPD Administrator Approvals	Joanne Mahony	335-0405
CTE Program Articulation and Alignment Issues	Career Cluster Consultants	
CTE Teacher Certification/Annual Authorization	Glenna Zollinger-Russell	241-2072
CTE Teacher Education Grants	Zena Lowe	241-4355
CTE Teacher Preparation Issues/Supply & Demand/	Glenna Zollinger-Russell	241-2072
CTEIS Data System	David MacQuarrie	241-6202
CTEIS Security Levels	Joan Church	335-0360
Data Coordination	David MacQuarrie	241-6202
Early/Middle College Programs	Patty Cantú	335-5224
Education and Training Cluster	Norma Tims	241-2091
Employers as Partners	Christine Reiff	241-0260
End-of-Year Reports	Diana Bailey	373-8904
Entrepreneurship	Denise Teague	335-0381
Excellence in Practice Awards	Norma Tims	241-2091
FACTS Brochure	Valerie Felder	335-1066
Family, Career and Community Leaders of Michigan, Michigan FCCLA (CTSO)	Elette Collins	734/487-3322
Family and Consumer Science (FCS)	Norma Tims	241-2091
Final Enrollment & Termination Data/Resources (4301)	Joan Church	335-0360
Finance Cluster	Tom Knight	373-8545
Fiscal Cooperative Agreements (Perkins)	<b>new consultant</b>	
Follow-Up Survey of Program Completers	Krishnan Sudharsan	241-7652

Gender Equity	Norma Tims	241-2091
Government and Public Administration Cluster	Denise Teague	335-0381
Green Partnerships in CTE	Patricia Talbott-Collins and Randy Showerman	335-0359 241-9918
Green Ribbon Schools	Patty Cantú	335-5224
Health Occupations of America (HOSA) (CTSO)	Mark Burley	517/347-8088
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Hospitality and Tourism Cluster	Denise Teague	335-0381
Information Technology Cluster	Tom Knight	373-8545
Juvenile Offender Grants	Debbie Lonik	241-6929
Law, Public Safety, Corrections, and Security Cluster	Zena Lowe	241-4355
Less-Than-Class-Size Contracted Instruction Programs	Diana Bailey	373-8904
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Marketing Cluster	Denise Teague	335-0381
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Michigan Comprehensive Guidance & Counseling	Christine Reiff	241-0260
Michigan DECA (CTSO)	David Wait	734/487-3322
Michigan FFA Association (CTSO)	Dave Wyrick	517/353-9221 x 225
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New CTE Administrator Information	Joanne Mahony	335-0405
New CTE Program Planning Process	Diana Bailey	373-8904
Parents as Partners	Christine Reiff	241-0260
Participation Survey	Joanne Mahony	335-0405
Perkins Consolidated Annual Report (CAR)	Jan Ambs & Jill Kroll	335-5224 241-4354
Perkins Regional Allocation Formula	Joanne Mahony	335-0405
Perkins State Plan	Joanne Mahony	335-0405
Professional Development	Joanne Mahony	335-0405
Programs of Study	Glenna Zollinger-Russell	241-2072
Requests for Applications (RFA)	Norma Tims	241-2091
Research (CTE)	Jill Kroll	241-4354
Risk Management/Interagency Labor Law Compliance	Career Cluster Consultants	
Section 61a (Added Cost) Allocations & Expenditure Policy	Joan Church	335-0360
Section 61a (Added Cost) Expenditure Report (4033)	Joan Church	335-0360
Section 61a (Added Cost) Funds X0107 Secondary Funding Report	Joan Church	335-0360
Science, Technology, Engineering, and Mathematics Cluster	Patricia Talbott-Collins	335-0359
SkillsUSA-Michigan (CTSO)	Tammy Brown	734/487-3888
Special Populations, Programs, and Services	Norma Tims	241-2091
Technical Review, Assistance & Compliance (TRAC)	Elizabeth Collins	335-3149
Technical Skills Assessments	David MacQuarrie	241-6202
Technical Skills Assessment Implementation	Valerie Felder	335-1066
Transportation, Distribution, and Logistics Cluster	Patricia Talbott-Collins	335-0359
Work-Based Learning/Coop	Diana Bailey	373-8904
Work Permit Information	Tara Bride	335-6041
USDOL/Bureau of Apprenticeship & Training	David Jackson	377-1746

# SCECH Information

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If you have chosen to apply for State Continuing Education Clock Hours (SCECH's), formerly called State Board Continuing Education Units (SB-CEU's). There are a few important steps involved with obtaining SCECHs.

1. You must attend the entire offering, unless otherwise indicated, in order to receive the SCECH's. It is all or nothing unless it is clearly stated there is a variable option. If instructors release early, you have not met the time block submitted. Every effort is made to alert the instructor of this.
2. You must have filled out the SCECH application form and paid \$20 prior to the event start time.
3. You must sign-in and out
  - a. For professional development with just one break-out session, it is typically just a sheet that you would sign in when you arrive, and out when you leave (you must have signed in and out to receive credit)
  - b. For conferences with several break-out sessions, you may be given a sheet with all of the options and it is your responsibility to find the monitor at each session to get your form stamped/initialed when you arrive and when you leave the session – you must attend the entire session.
4. Once the Coordinator's office has verified everything, a download is sent to a central registry system. You must have a personal account in this system in order to get your SCECH's. If you don't already have one set up you can find information at [http://solutionwhere.com/MI\\_sbceu/](http://solutionwhere.com/MI_sbceu/). Please be sure whatever name and e-mail address you use for your registration is the same as what you submit when you apply for SCECH's at an event. These must match. **SB-CEUs have been converted to Clock Hours.** Your previously earned units will count toward your hours. To convert your continuing education units to clock hours, simply multiply the number by 10. Ex: 1.2 SB-CEU's is  $1.2 \times 10 = 12$  clock hours.
5. For each event/conference you attend and apply for SCECHS's, you will receive an e-mail from Solutionwhere (the State's Secure Central Registry) indicating you have 30 days to complete an evaluation form for the event that you have applied for SCECH's. If you do not complete the evaluation, you will not be awarded SCECH's, nor will you be refunded your \$20. Do not confuse any evaluation sent by the program with the evaluation for SCECH's. You may be asked to fill out a second evaluation issued by the program coordinators regarding the event. This will not count toward your SCECH's.
6. Once you have completed the evaluation, you will be able to access your unofficial transcript. This will show all SCECH's and previous SB-CEU's that you have been awarded. You can order an official transcript from the on-line registry system for \$20.

\*If you have difficulties setting up your account or accessing the evaluation, please contact the Website Administrator by clicking on that link while in the site, or call 517-327-5925.

\*\*For information about educator certification go to: [http://www.michigan.gov/documents/mde/FACTS\\_About\\_Teacher\\_Certification\\_In\\_Michigan\\_230612\\_7.pdf](http://www.michigan.gov/documents/mde/FACTS_About_Teacher_Certification_In_Michigan_230612_7.pdf).

Sincerely,



Alicia Freye  
SCECH Coordinator

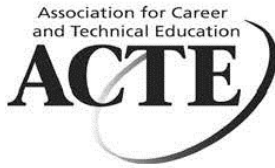
# Association for Career and Technical Education (ACTE)

ACTE is the nation's largest not-for-profit education association dedicated to the advancement of education that prepares youth and adults for successful careers.

With over 29,000 members, ACTE is committed to enhancing the job performance and satisfaction of its members; increasing public awareness and appreciation for career and technical programs; and assuring growth in local, state and federal funding for these programs by communicating and working with legislators and government leaders.

ACTE's first priority is its members. The Association provides a number of outstanding benefits tailored to meet your personal and professional needs. These programs and services provide you with resources and information to make your job easier and more rewarding, allowing you to focus on things that are most important to your work

- **IN-DEPTH ANALYSIS, CLASSROOM TOOLS AND BEST PRACTICES:** *Techniques magazine* which is published eight times a year and provides a wealth of useful information to CTE teachers and administrators, including in-depth analysis, classroom tools, and best practices.
- **QUALITY NETWORKING AND PROFESSIONAL DEVELOPMENT:** The **Annual Convention and Career Tech Expo and the National Policy Seminar** helps you to interact with other CTE educators, business and institutional partners, and policymakers face-to-face. As an attendee, you choose from a variety of sessions across a wide range of subjects that are designed to help you take the most relevant information back to your classroom or office.
- **TIMELY LEGISLATIVE UPDATES:** The **Legislative Action Center** on ACTE's Web site provides you a way to get information on the legislative process, follow the voting records of representatives, and find out who your elected officials in Congress are. Also, ACTE's electronic legislative alerts provide breaking news on Capitol Hill activities that affect CTE programming, funding and support.
- **CTE NEWS:** ACTE keeps you on top of cutting-edge news from around the country. *Career Tech Update*, is a tightly written summary of the most important news affecting the career and technical education profession, prepared by the editors of U.S. News & World Report. This valuable resource is published each weekday and sent to your inbox before 8:00 a.m.
- **INSTANT ACCESS TO THOUSANDS OF COLLEAGUES:** ACTE's **online Communities of Practice**, help you network with other educators who share your professional interests around the country.
- **PROFESSIONAL RECOGNITION:** ACTE's **National Award Program** gives you an opportunity to nominate your colleagues or yourself for recognition on a national stages for outstanding work and dedication to career and technical education.
- **BUYING SUPPORT:** ACTE offers you the opportunity to apply for an **ACTE credit card** at a special introductory rate through a partnership with **Bank of America**. **Bank of America** also offers you special yields on Certificate of Deposit and Money Market Deposit Accounts.
- **PEACE OF MIND:** ACTE provides you with a **\$25,000 policy** for common carrier accidental death and dismemberment insurance within the first year of annual membership through the **Forrest T. Jones Insurance Company**. The policy increases by \$5,000 annually with continuous renewal of membership (up to a maximum of \$50,000). In addition, you have access to affordable insurance options through ACTE's group buying program, including liability; identify theft and others (see enclosed brochure).
- **MONEY BACK:** You receive **substantial discounts** on registration fees for ACTE professional development activities, subscriptions, books, guides, audio tapes, and videotapes that are made available through the Association.
- And much more... To learn more, go to [www.acteonline.org](http://www.acteonline.org)



# 2013 Membership Application

- 1 Fill out form completely.
  - 2 Mail to: P.O. Box 758621, Baltimore, MD 21275-8621  
or fax to: 703-683-7424 (only if paying by credit card)
- Or Apply online at [www.acteonline.org/join](http://www.acteonline.org/join)

Federal ID#: 52-0632865

## A. Personal Profile

Member     Renewal

Mr.     Ms.     Mrs.     Dr.

ACTE Member Number \_\_\_\_\_ Organization \_\_\_\_\_

Full Name (First, Last) \_\_\_\_\_

Home Address \_\_\_\_\_

City/Region \_\_\_\_\_ State/Country \_\_\_\_\_ Zip \_\_\_\_\_

Home Telephone \_\_\_\_\_ Work Telephone \_\_\_\_\_

Fax \_\_\_\_\_ Last 4 Digits of SSN<sup>1</sup> \_\_\_\_\_ Date of Birth<sup>1</sup> (MM/DD/YY) \_\_\_\_\_

E-mail \_\_\_\_\_

Do you wish to opt out of mail list?     Yes     No

From time to time ACTE makes its lists available to organizations that offer products and services valuable to career and technical educators. At no time will ACTE provide your e-mail address to a third party. E-mail addresses are for

### Position Type (indicate only one)

- Administrator/Supervisor (A)
- Teacher Supervisor (E)
- Teacher (T)
- Student (S)
- Counselor (K)
- Teacher Educator (X)
- Other (O)
- Retired (R)

### Institution Type (indicate only one)

- Junior High/Middle School (H)
- Comprehensive High School (S)
- Secondary Career/Technical School (V)
- Two Year Postsecondary Institution (J)
- Four Year College or University (C)
- Federal, State, Local Education Agency (D)
- Other (F)

## B. ACTE Division Membership

Your ACTE membership includes membership in one division. Fill bubble in completely for your primary division. Additional divisions may be added for \$10.00 each. Mark additional divisions with an X.

- |   |  |
|---|--|
| <input type="checkbox"/> Administration (ADM)                       | <input type="checkbox"/> Guidance/Career Development (GUI)         |
| <input type="checkbox"/> Agricultural Education (AGR)               | <input type="checkbox"/> Health Science Technology Education (HEA) |
| <input type="checkbox"/> Adult Workforce Development (AWD)          | <input type="checkbox"/> Marketing Education (MAR)                 |
| <input type="checkbox"/> Business Education (BUS)                   | <input type="checkbox"/> Special Populations (SPE)                 |
| <input type="checkbox"/> Engineering and Technology Education (TGY) | <input type="checkbox"/> Trade and Industrial Education (TRA)      |
| <input type="checkbox"/> Family & Consumer Sciences Education (FAM) | <input type="checkbox"/> * New and Related Services (NRS)          |
| <input type="checkbox"/> CBITS (L)                                  | <input type="checkbox"/> Related Subjects (F)                      |
| <input type="checkbox"/> Cooperative Work Experience (B)            | <input type="checkbox"/> Research (G)                              |
| <input type="checkbox"/> Instructional Materials (C)                | <input type="checkbox"/> School-to-Work/Careers (N)                |
| <input type="checkbox"/> International (I)                          | <input type="checkbox"/> Support Staff (J)                         |
| <input type="checkbox"/> Makers of Policy (H)                       | <input type="checkbox"/> Tech Prep (M)                             |
| <input type="checkbox"/> Professional Development (D)               | <input type="checkbox"/> Teacher Educators (O)                     |
| <input type="checkbox"/> Public Information (E)                     |  |

\* If you selected the New and Related Services Division as a primary or additional division above, please select one section within that division below. Additional sections may be added for \$10.00 each.

## C. Membership Categories

Please choose one. For student (full-time) and retired (loyalty) dues and requirements, call 800-826-9972.

- ACTE<sup>2</sup> Regular (\$80.00)
- Michigan (\$20.00)

## D. Dues Summary

ACTE Dues \_\_\_\_\_ 80 \_\_\_\_\_  
See part C

Additional ACTE Divisions \_\_\_\_\_  
ACTE membership includes dues for one division. Each additional division costs \$10.00 each.

CTE Support Fund \_\_\_\_\_  
This fund supports public awareness campaigns and the development of research-based materials dedicated to advancing CTE.

State Association Dues<sup>3</sup> \_\_\_\_\_ 30 \_\_\_\_\_

State Division Dues<sup>3</sup>  
AGR \$40; AWD\$10; FAM\$10; GUI\$5  
HEA\$25; MAR\$20; SPE\$5 TGY\$30  
TRA\$10; NRS (A\$15; B\$5; C\$8). ALL  
OTHER \$0 \_\_\_\_\_

**Total Dues** \$ \_\_\_\_\_

Comprehensive Insurance is no longer available through ACTE. You may contact Forrest T. Jones (800-265-9366) and ask for the ACTE Member Discount.

## E. Payment Information

- Check Enclosed (payable to ACTE)
- Credit Card
  - Visa     MasterCard     AmEx     Discover

Credit Card # \_\_\_\_\_

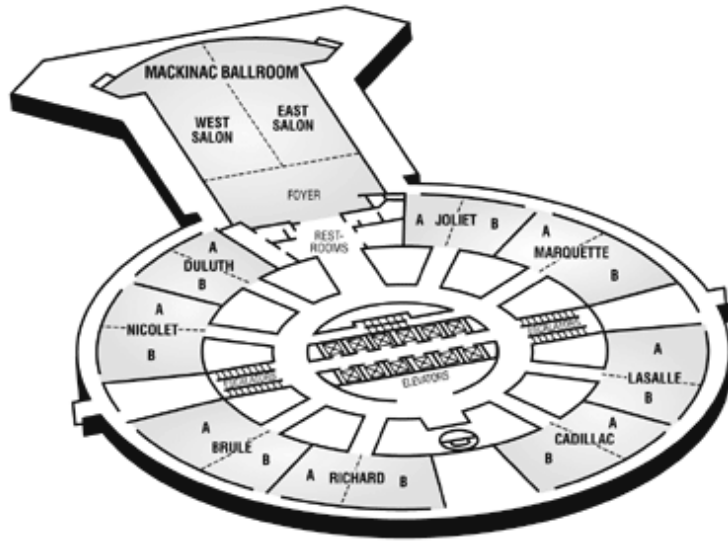
Expiration Date \_\_\_\_\_ Security Code<sup>4</sup> \_\_\_\_\_ Billing Address Zip Code \_\_\_\_\_

Name on Card \_\_\_\_\_

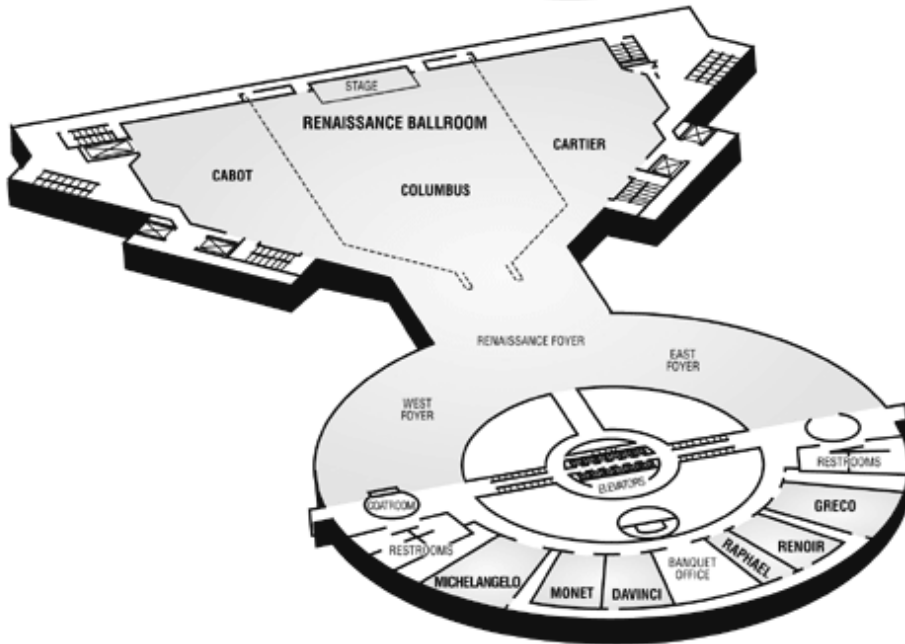
Signature \_\_\_\_\_

### Notes

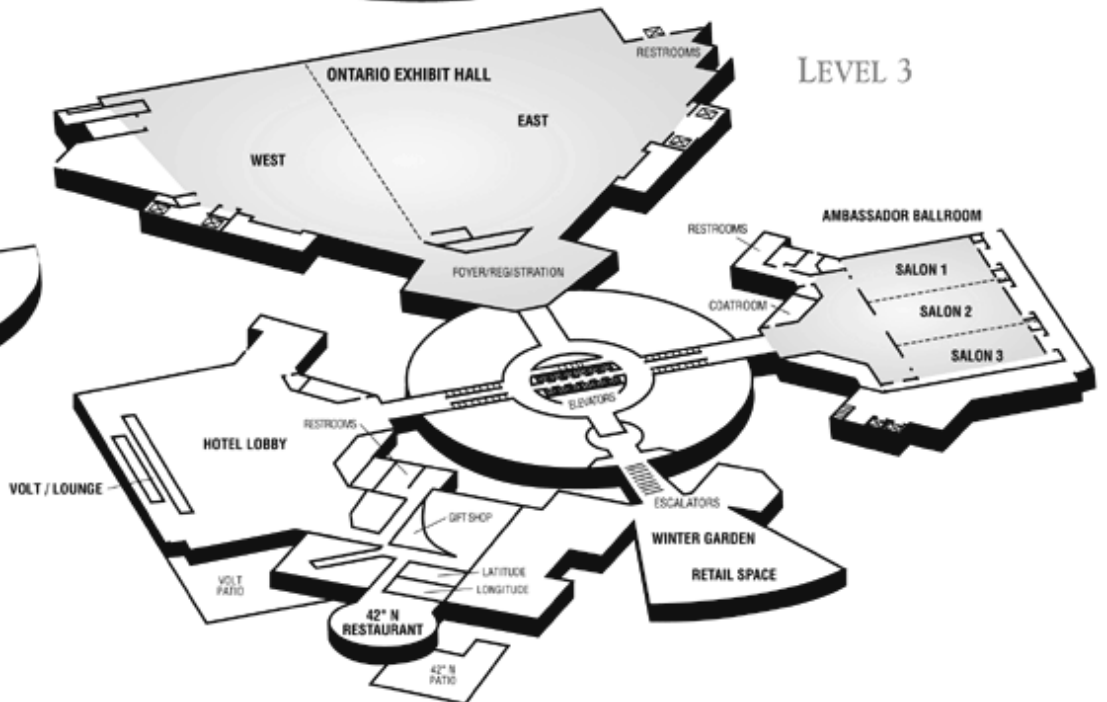
1. You are not obligated to provide this information; however, ACTE uses this information internally to serve as a unique identifier for members. At no time would ACTE make this information available to a third party.
2. \$33 of your membership fee covers your subscription to *Techniques*. Student members receive a complimentary copy of *Techniques*.
3. If your state and state division dues are not attached please call ACTE at 800-826-9972 or go to [www.acteonline.org/join](http://www.acteonline.org/join). Membership in your state (or territory) association is required along with your ACTE Membership for the following states: AL, AR, CA, CO, DC, GA, KS, KY, MS, MT, ND, NE, NM, NY, OH, OK, PA, SD, TX, UT, WV, WI, and the Bahamas chapter.
4. The security code for Visa, MasterCard, and Discover cards is the last three digits of the number printed on the signature panel on the back of the card. The security code for American Express cards is a small four digit number printed on the front of the card above and to the right of the credit card number.



LEVEL 5



LEVEL 4



LEVEL 3



# *Notes*



# *Notes*



# *Notes*