

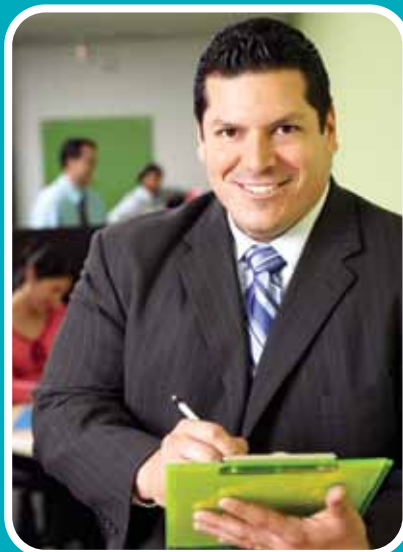


PATHWAYS TO COLLEGE & CAREER READINESS

# CareerClusters®

June 9-12, 2013 | Fort Worth, Texas

Achieving Excellence







## General Information

### Evaluations

Your evaluation of the 2013 National Career Clusters® Institute is critical to planning future events. Please be sure to complete the overall event evaluation online as well as the forms available in each breakout room.

### Help Desk

Got a question? Visit the registration desk during posted hours.

### Internet Access

Complimentary Internet service is available in guest rooms with Omni Select Guest enrollment. To see the list of benefits: <http://www.omnihotels.com/Home/SelectGuestProgram/MemberBenefits.aspx>

To join:

[https://ssl.omnihotels.com/sg?pagedst=SG5&lang\\_code=en-us](https://ssl.omnihotels.com/sg?pagedst=SG5&lang_code=en-us)

### Continuing Education Units

Offered again this year! The Institute is again offering attendees the opportunity to earn Continuing Education Units (CEU) through the Delphi Center for a nominal fee. Educators will be able to acquire CEUs while they learn about the most up-to-date best practices taking place with Career Clusters®. See page 6 for more details.

### Lost and Found

All articles will be held at the registration desk.

### Meals Provided

Institute registration fees include the following:

#### Continental Breakfasts

Tuesday 7:45 a.m. – 8:45 a.m.

Wednesday, 7:30 a.m. – 8:30 a.m.

#### Institute Luncheon

Tuesday, 12:20 p.m. – 1:15 p.m.

**NOTE: Your name badge is your ticket to a meal/function!**

### Message Board

A board will be provided outside the registration desk for Institute updates. You may pick up or leave messages at any time.

### Name Badges

Name badges are required at all Institute sessions, meals and events. Lost name badges may be replaced at the registration desk.

### Desk Hours

The registration desk hours are as follows:

Sunday: 11:30 a.m. – 5 p.m.

Monday: 7:30 a.m. – 5 p.m.

Tuesday: 7:45 a.m. – 5 p.m.

Wednesday: 7:30 a.m. – 11 a.m.

### Sponsor Exhibits

Sponsor tables are set up in the during the following hours:

Monday: Noon – 5 p.m.

Tuesday: 7:45 a.m. – 5 p.m.

### Certificate of Attendance

Do you need a certificate of attendance for the meeting? Stop by the registration desk Wednesday morning to pick one up. Please go to the help desk or at any time if you have questions.

### Photo and Audio Consent

By registering, you grant permission for the use of your name, voice and/or likeness related to your participation in any event affiliated with the Institute. You waive all rights to any compensation and to approve the images, audio and/or printed and electronic material in which they are used, and you release NASDCTec/NCTEF and its employees and agents from any claims, damages or liability.

### Blog Posts

Some presenters have created blog posts that can be found at [www.careertech.org](http://www.careertech.org). These presenters are indicated with **BLOG POST** next to their name.

# General Information



## Transportation

### From Dallas/Fort Worth International Airport (about 20 minutes away):

From airport exit south ramp to TX-183 west. Merge onto TX-183 west toward Fort Worth. Proceed 10.5 miles until TX-183 west merges with TX-121. Proceed 7.1 miles until TX-183 west/TX-121 south merge with I-820. Stay left following TX-121 south toward Downtown Fort Worth via exit 24B. Merge onto I-35W south. Take exit 52A – Texas 280- Spur toward Downtown. Merge onto TX-280 Spur west. Take the East 6th Street Exit on the left. Turn left onto Houston Street (US-287-BR). Hotel is located on the right directly across from the Fort Worth Convention Center.

#### **Other transportation options from the airport:**

- **Taxi Service:** Approximately \$55-\$60 each way (subject to change)
- **Shuttle Service:** Approximately \$19 per person; Super Shuttle Available 24 hours 972-615-2410
- **Trinity Railway Express:** \$1.50 one way; the station is located 2 blocks from the hotel

### From Dallas Love Field Airport :

From airport exit west onto Cedar Springs Road: Turn right at Inwood. Turn right on North Stemmons Fwy (I35E), merge onto north I-35E, merge left onto Texas-183 west follow the exit for Irving/DFW Airport/TX-183/TX-114. Continue 21.9 miles until Texas 183 merges with Texas-121 South for 7.1 miles until it merges with I-820. Stay left following Texas-121 South toward downtown Fort Worth via exit 24B. Merge onto South I-35 W. Take exit 52A-Texas280 - Spur toward downtown. Merge onto Texas-280 Spur West. Take the East 6th Street exit on the left. Turn left onto Houston St. End at 1300 Houston St, the hotel is on the right directly across from the Fort Worth Convention Center.

#### **Other transportation options from the airport:**

- **Taxi Service:** Approximately \$55-\$60 each way (subject to change)
- **Shuttle Service:** Approximately \$36 per person; Super Shuttle Available 24 hours 972-615-2410

### Directions from the North - Via I-35W South

Take I-35W south; Exit 52A – TX-Spur 280 toward downtown; Merge onto TX-Spur 280; Exit left onto 6th Street; Turn left onto Houston Street (US-287-BR); Hotel

Entrance is on the right directly across from the Fort Worth Convention Center.

### Directions from the South - Via I-35W North

Take I-35W north; Exit 51B - TX-180 east Downtown/Lancaster Ave; turn left onto East Lancaster Ave (TX-180); Turn right onto Houston Street (US-287-BR); Hotel Entrance is on the left directly across from the Fort Worth Convention Center.

### Directions from East - Via I-20 West

Take I-20 west; Slight right at US-287 north (Downtown Fort Worth/I-820 N/US-287 N); Merge onto I-820 north (5.9 mi); Exit left to I-30 west toward Abilene; Keep right at the fork, follow signs for Downtown/Lancaster Avenue; Proceed onto East Lancaster (TX-180); Turn right onto Houston Street (US-287-BR); Hotel entrance is located on left across from the Fort Worth Convention Center.

### Directions from East - Via I-30 West

Take I-30 west; Exit Lancaster Avenue/Downtown; Proceed onto East Lancaster Avenue (TX-180); Turn right onto Houston Street (US-287-BR); Hotel entrance is located on left across from the Fort Worth Convention Center.

### Directions from West - Via I-20 or I-30 East

Take I-20 East and take the ramp onto I-35W North. Take exit 51A to merge onto I-30 West toward Abilene. Then take exit for TX-199/Henderson Street and keep right at the fork. Follow signs for East Lancaster Avenue and merge onto W Lancaster Ave. Turn left onto Houston Street and the Omni Fort Worth Hotel will be on your left.

Take I-30 East and exit onto Lancaster Ave and turn left onto Houston Street. The Omni Fort Worth Hotel will be on your left across from the Convention Center.

### Parking at the hotel (prices subject to change)

- Valet Parking \$25 overnight; \$15 daily
- Self Parking is available at the city-operated garage adjacent to the hotel for \$15.00 per day. Garage entrance is on 11th street between Houston and Throckmorton. Please see front desk for details upon check-in
- Daily Parking, \$15



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Join the conversation on Twitter! #careerclusters



### Continuing Education Units:

## Earn Professional Development Credits

The National Career Clusters® Institute is again offering attendees the opportunity to earn Continuing Education Units (CEUs). Educators will be able to acquire CEUs while they learn about the most up-to-date best practices taking place with Career Clusters®.

The Institute has been accredited by the Delphi Center for Teaching and Learning at the University of Louisville, to offer up to 13 hours+ of CEU earning potential. One hour is equivalent to 1/10 of a unit. The maximum possible units earned will be 1.3 units, which include requisite attendance at the three general sessions. If you also attend pre-sessions, those hours are in addition to the Institute hour potential. Cost is \$50 flat rate to participate; educators may earn the maximum units available.

### Earning CEUs at the Institute can be done in a few easy steps:

#### STEP 1:

##### Pick up the forms

When you arrive at the Institute, visit the registration desk to pick up your general information/participation form. Hold onto this form until the end of the Institute.

#### STEP 2:

##### Sign-in at breakout sessions

Each breakout you attend will be an opportunity for you to count towards earning CEUs. Collect speaker signatures for every breakout you attend. This step will verify your participation and is essential for receiving credit.

#### STEP 3:

##### Turn in the paperwork and payment

You will have six weeks following the completion of the Institute to submit your general information/participation form and payment. There is a one-time fee of \$50. You will submit payment via check (payable to University of Louisville) with your paperwork or call them to pay via credit card.

Send completed forms and materials to:

**Julijana Curcic**

Delphi Center for Teaching and Learning  
University of Louisville  
Shelby Campus, 110 Founders Union building  
Louisville, KY 40292

**If you have any questions about payment at any point, please contact Ms. Curcic at this e-mail address: [julijana.curcic@louisville.edu](mailto:julijana.curcic@louisville.edu) or by phone at 502-852-5636.**

#### STEP 4:

##### Receive your certificate!

You will receive a certificate in the mail with your name, the Institute's name, the number of hours accumulated and how many CEUs you have earned.





Welcome to the 2013 National Career Clusters® Institute and to Fort Worth, Texas! As President of the National Career Technical Education Foundation (NCTEF) and our partner organization, the National Association of State Directors of Career Technical Education Consortium (NASDCTEc), I want to thank you for joining us.

The National Career Clusters® Institute is organized into five strands that are aligned with the principles of NASDCTEc's *Reflect, Transform Lead: A New Vision for Career Technical Education*. This year's theme, *Achieving Excellence*, will give attendees opportunities to learn from a breadth of topics—ranging from national policy, college and career readiness, partnerships with business and industry, accountability and sharing of exciting program delivery methods—taking fresh ideas and exemplars that attendees can bring back to their home states.



While the global economy and the current economic challenges facing our nation present an uncertain future, one thing is certain – Career Technical Education (CTE) is part of the solution. CTE is helping our nation address the very real and immediate challenges of economic development, student achievement and global competitiveness.

This is a pivotal moment for CTE, and the time for leadership is now. During the 2013 National Career Clusters® Institute, we will be providing updates on several initiatives – the validated Career Clusters® knowledge and skills statements, updated Career Clusters® crosswalks, the Common Career Technical Core, and work of the Career Readiness Partner Council.

Our goal of *Achieving Excellence* is designed to fulfill a CTE promise – to prepare students for success in both career and college, by employing the Career Clusters® Framework to ensure seamless delivery of instruction through rigorous programs of study.

Please visit [www.careertech.org](http://www.careertech.org) to learn more about how CTE is leading change, transforming expectations for students at all levels, partnering with business and industry – paving the way for student success.

Sincerely,

Marie Barry, President  
National Career Technical Education Foundation (NCTEF)  
National Association of State Directors of Career Technical Education Consortium (NASDCTEc)



### Message from the Texas CTE State Director

Dear Members and Friends!

Welcome to the 11th National Career Clusters® Institute in Fort Worth, Texas! Thank you for your interest in this outstanding professional development opportunity. The theme for this year's 2013 institute is **Career Clusters®: Achieving Excellence**. The national CTE community is gathered here to share resources, best practices, research and strategies that help students and schools achieve excellence.

Texas transitioned to the Career Clusters® framework in 2005 and adopted all 16 Career Clusters®. Since that time, we have implemented the programs of study framework through the AchieveTexas College and Career Initiative, and we have aligned the Texas Essential Knowledge and Skills to the Texas College and Career Readiness Standards.

We are proud to share some outstanding sessions targeted for leaders at the state, district, and local levels in secondary and postsecondary settings. Our partners from the University of North Texas and Texas Tech University will address the preparation of students to succeed in further education and careers. Baylor University, Stephen F. Austin State University, and Texas A&M AgriLife Extension Service will demonstrate how CTE is delivered through comprehensive programs of study aligned to The National Career Clusters® framework.

We are glad you are here, and we look forward to learning how you are implementing CTE and The National Career Clusters® framework.

I hope you have time to visit the Dallas-Fort Worth Metroplex while you are here. If not, please come back to Texas and visit again soon.

Sincerely,

A handwritten signature in black ink, appearing to read 'Vangie Stice-Israel'.

Vangie Stice-Israel  
Career and Technical Education  
State Director





### Career Cluster® Strands

In step with this year's theme of *Achieving Excellence*, the 2013 National Career Clusters® Institute will provide sessions and workshops organized into strands aligned with the five principles of *Reflect, Transform, Lead: A New Vision for Career Technical Education*. Collectively, the principles serve as guideposts for the CTE community to set priorities and make decisions affecting CTE programs and to chart a new course for CTE and the nation in the 21st century.

#### Strand A: Policy

*CTE is critical to ensuring that the United States leads in global competitiveness.*

Sessions in this strand will share examples (state, local and regional) of leaders in education (secondary and postsecondary), workforce development, economic development and/or business work together to increase U.S. investment in CTE, updates on the creation of a Common Career Technical Core, and other policy-focused best practices advancing efforts in secondary and postsecondary education systems.

Key areas of strand focus:

- State Policy Development and Implementation
- Federal Policy Implementation
- Marketing and Communication Strategies Approaches

#### Strand B: Partnerships

*CTE actively partners with employers to design and provide high-quality, dynamic programs.*

Sessions in this strand will share examples (state, local and regional) where leaders in education (secondary and postsecondary), workforce development, economic development and/or business work together for shared interests and goals using Career Clusters® as the unifying model/approach.

Key areas of strand focus:

- Examples of Collaboration
- Workforce Development
- Economic Development
- Partnership Development
- Using Data to Inform Program Decisions
- Professional Development Strategies
- Industry Trends

#### Strand C: College and Career Readiness

*CTE prepares students to succeed in further education and careers.*

Sessions in this strand are targeted for leaders at the state, district and local levels in secondary and postsecondary settings. Sessions will provide practical advice, examples and resources to support college and career readiness and to expand and enrich current implementation of Career Clusters®. Sessions may include a focus on how Career Clusters® align initiatives and improvement efforts and the impact of Career Clusters® on curriculum, guidance and community engagement activities in the school.

Key areas of strand focus:

- School and Career Counseling Approaches
- Career Development and Exploration Resources
- Integrating Educational Subjects (e.g., Math and CTE, etc.)
- Common Core State Standards Integration
- Reducing Remediation and Improving Transition

#### Strand D: Program Delivery Methods Strand

*CTE is delivered through comprehensive programs of study aligned to The National Career Clusters® Framework.*


Sessions in this strand will **share examples** of the impact Career Clusters® innovative teaching and learning strategies can have in shaping programs of study and career technical education in secondary schools and postsecondary systems. Strategies also may include delivery and innovative implementation approaches around specific Career Cluster® areas.

Key areas of strand focus:

- Career Clusters® Implementation
- Teaching and Learning Innovations and Strategies
- Use of Standards, Knowledge and Skills, Competencies
- Programs of Study Development/Refinement
- CTE Delivery Systems and Approaches (including Career Academies, Model Schools, and other approaches)



## Strand E: Accountability/Return on Investment


 *CTE is a results-driven system that demonstrates a positive return on investment.*

Sessions in this strand will share examples (state, local, and regional) that exhibit high quality, successful, scalable CTE practices; share models that demonstrate CTE's positive fiscal, societal, and economic impact; and show how data (secondary and postsecondary) is successfully used (state, local and regional) to support CTE accountability measures.


Key areas of strand focus:

- Accountability

## Other

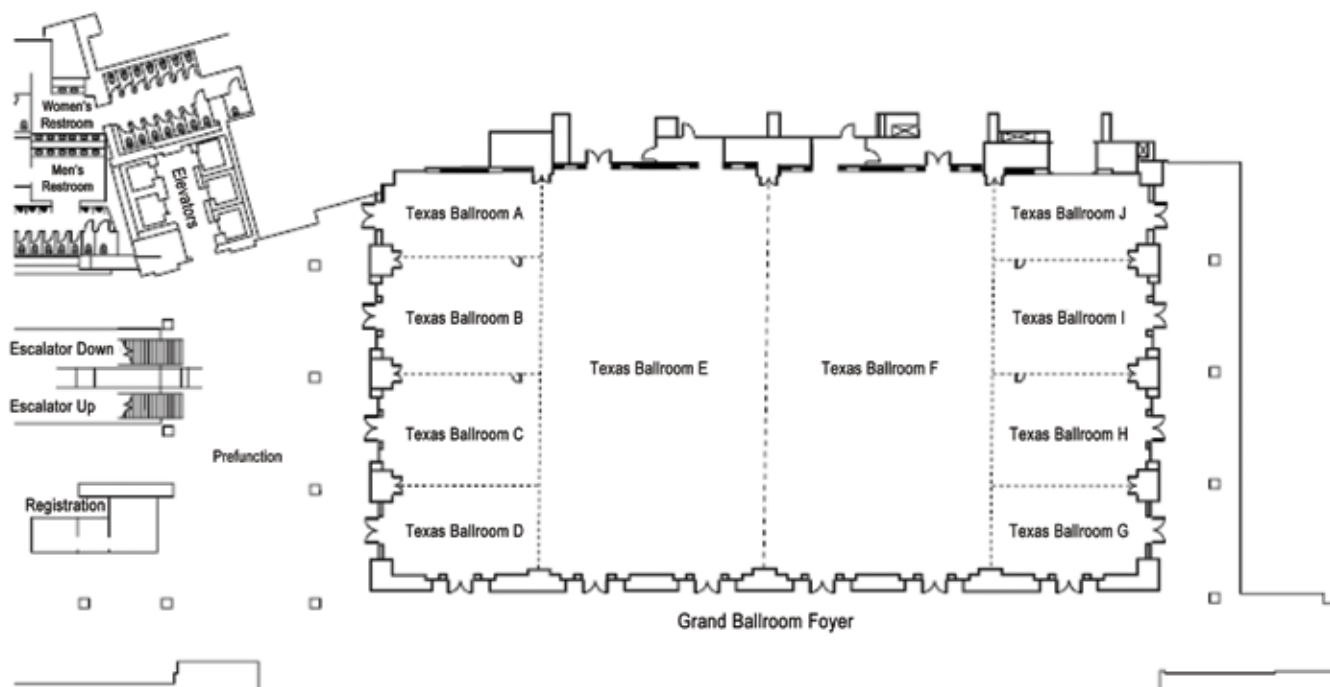
 These sessions apply to all audiences and cross varied strands.

## Vendor Sessions

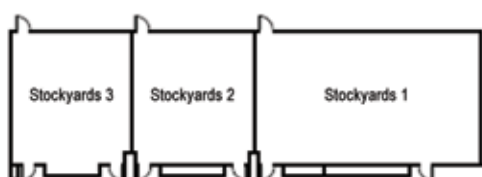
 Sponsor-hosted sessions.



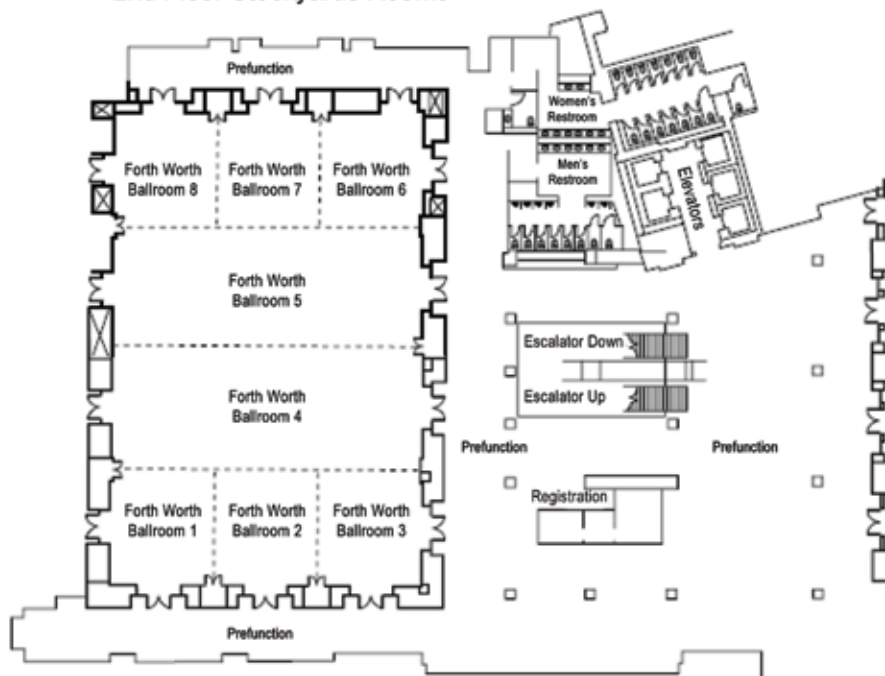
# Omni Fort Worth Hotel



## 2<sup>nd</sup> Floor Texas Ballroom



## 2<sup>nd</sup> Floor Stockyards Rooms



## 2<sup>nd</sup> Floor Fort Worth Ballroom

## Pre-Sessions

Pre-registration required



*All pre-sessions require pre-registration. If you have not pre-registered and are interested in a particular session, please visit the registration desk for more information and availability.*

### SUNDAY, JUNE 9, 2013

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#### SECOND LEVEL, TOP OF ESCALATOR

##### Registration/Help Desk

11:30 a.m. – 5 p.m.

#### TEXAS BALLROOM H

##### Introduction to Career Clusters® and Pathways 101: Using the Updated Implementation Tool Kit

12:30 p.m. - 4:30 p.m.

**Ms. Erika Volker** • Director, Partnerships for Innovation,  
Papillion, NE

#### TEXAS BALLROOM A

##### Become a Career Advising Idol

1 p.m. - 3:30 p.m.

**Mr. Scott Vandever** • Division Vice President, Kuder, Adel, IA

#### TEXAS BALLROOM C

##### New Tools for Beginning CTE Teachers

1 p.m. - 3:30 p.m.

**Dr. John C. Foster** • President/Chief Executive Officer of NOCTI,  
Big Rapids, MI [BLOG POST](#)

**Mrs. Amie Bloomfield** • Customer Care and Outreach Manager,  
NOCTI, Big Rapids, MI [BLOG POST](#)

#### TEXAS BALLROOM I

##### Lessons Learned in Seven States

1 p.m. - 4 p.m.

**Ms. Marie Barry** • Director, Office of Career and Technical  
Education, New Jersey Department of Education, Trenton, NY

**Ms. Donna Hoffman** • Nebraska Department of Education,  
School Guidance and Counseling Programs, Lincoln, NE

#### TEXAS BALLROOM B

##### The Creative Brain and Entrepreneurship

1 p.m. - 4:30 p.m.

**Mrs. Sandy Mittelsteadt** • National Career Academy Initiative  
Leader and author of The Career Academy Toolkit,  
Bakersfield, CA [BLOG POST](#)

**Dr. Carol Folbre** • Owner, Folbre & Associates Consulting,  
Marion, TX

### MONDAY, JUNE 10, 2013

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#### TEXAS BALLROOM B

##### Third Annual Career Academy Leadership Institute

(Invitation Only)

8 a.m. – Noon

**Mrs. Sandra Mittelsteadt** • President, Zayn Consulting,  
Bakersfield, CA [BLOG POST](#)

**Ms. Jan Struebing** • Executive Director, National Career  
Academy Coalition (NCAC), Louisville, KY

#### TEXAS BALLROOM C

##### Career Pathways Partnership Opportunities

8:30 a.m. - 11:30 a.m.

**Ms. Debra Mills** • Vice President of Partnerships, CORD,  
Waco, TX

**Ms. Erika Volker** • Director, Partnerships for Innovation,  
Papillion, NE

#### TEXAS BALLROOM H

##### CTEDDI: Instructional Improvement for Individual CTE Sites Now Available

8:30 a.m. - 11:30 a.m.

**Dr. Sandy G. Pritz** • CTEDDI National Trainer and Principal  
Investigator, Columbus, OH [BLOG POST](#)

**Dr. John C. Foster** • CTEDDI National Trainer and Principal  
Investigator, Big Rapids, MI [BLOG POST](#)



## Registration/Help Desk

Conference Registration Desk

Second Level, top of the escalator

7:30 a.m. – 5 p.m.

## Sponsor Showcase

*Be sure to visit the Sponsor Showcase today!*

Pre-Function Area Outside Texas Ballroom

Near Registration

12 p.m. – 5 p.m.

## Opening General Session

Texas Ballroom EF

1 p.m. – 2:15 p.m.

### The Three Essential Mindsets to Compete in the 21<sup>st</sup> Century

**Dr. Randal D. Pinkett** • Chairman and CEO, BCT Partners

Three trends are having a tremendous impact on our nation's education and workforce development systems:

- The first trend reflects a fundamental shift that is taking place in our economy. Not only have jobs that were once the province of the United States moved overseas, but also domestic workers are being asked to "do more with less."
- The second trend is a marketplace characterized by an increasingly rapid pace of change. The need to be adaptable to hyper-accelerated changes across industries has never been more important.
- The third trend is an increasingly diverse society. More than ever before, Americans are being required to work with people from a broad range of diverse backgrounds.



These three trends are contributing to a new landscape that requires new ways of thinking - or new mindsets - to be competitive in the 21st century. As an advocate of Career Clusters® and a leader in Career Technical Education, what can you do to make sure that your classroom, your program, your institution or your state are preparing students to embrace

these new 'mindsets' and to be competitive in the 21<sup>st</sup> Century? Dr. Pinkett will share how Career Clusters® can be used as an effective strategy to ensure student success in this ever-changing economy and society.

Dr. Randal Pinkett is a proud graduate of New Jersey's public secondary and postsecondary education systems. He is the Chairman and CEO of his fifth venture, BCT Partners, headquartered in Newark, NJ. A graduate of Hightstown High School where he was a member of the Future Business Leaders of America (FBLA), he holds five academic degrees including: a B.S. in Electrical Engineering from Rutgers University, where he competed as a high jumper, long jumper, and captain of the men's track and field team; a M.S. in Computer Science from the University of Oxford in England; and a M.S. in Electrical Engineering, MBA, and Ph.D. from MIT. He was the first and only African American to receive the Rhodes scholarship at Rutgers and was the season four winner of NBC's hit reality television show, The Apprentice, with Donald Trump. He is happily married to his wife, Zahara, and they are proud parents of their daughter and two sons.

## Session A: Concurrent Breakouts

2:30 p.m. – 3:30 p.m.

A1

### TEXAS BALLROOM B

#### Why Career Academies Work

A panel for this session will discuss why career academies work.

Topics include:

- Why educators like career academies
- Why the world of business likes career academies
- What the National Career Academy Coalition (NCAC) does to assist both educators and business in the process

Sandy Mittelsteadt, Zayn Consulting, will moderate the panel and highlight national trends for career academies.

**Mrs. Sandy Mittelsteadt** • President, Zayn Consulting, Bakersfield, CA [BLOG POST](#)

**Ms. Jan Struebing** • Executive Director, National Career Academy Coalition (NCAC), Louisville, KY

**Mr. Hans Meeder** • Former Deputy Assistant Secretary for Education in the U.S. Department of Education's Office of Vocational and Adult Education, President, Meeder Consulting Group, LLC, Columbia, MD

**Mrs. Lucia Folk** • Senior Director, Public Affairs, Country Music Television (CMT), Nashville, TN



Monday • June 10, 2013



## A2 TEXAS BALLROOM G

### Vendor Session: “All Really Does Mean All” - The Next Big Challenge Facing Career Clusters®

Opportunities for students to participate in quality programs of study (POS) should not be determined by the size or location of the school they attend. Ascend Learning has developed the “total package” for POS implementation aligned with key components of the Design Framework that can be delivered in the traditional classroom or in a distance learning format. In this presentation, models of the “total package” in Health Science and Law, Public Safety, Corrections and Security will be demonstrated.

**Mr. Scott Hess** • Vice President of CTE Services, Ascend Learning, LLC, Burlington, MA [BLOG POST](#)

## A3 TEXAS BALLROOM C

### Mapping Pathways to Career Success

This session will provide participants with an interactive map to help students utilize the Career Cluster® resources they will need to travel on their future pathway to success.

**Dr. Karen Alexander** • AchieveTexas College & Career Initiative Coordinator, Texas Tech University, Lubbock, TX

**Mrs. Cindy Miller** • Graduate Research Assistant, Texas Tech University, Lubbock, TX

## A4 TEXAS BALLROOM J

### Utah's Pathway Completer Tool

To support CTE accountability measures Utah developed the Skill Certificate program, which provides students an opportunity to receive instruction aligned with standards and objectives set by the state of Utah and industry. Utah's Pathway Completer Tool was developed to be a results-driven system utilizing Utah's Skill Certificate data. The tool allows administrators, counselors and teachers to access local data related to CTE Pathways. Students are recognized at graduation ceremonies with medallions and cords as a “CTE Pathway Completer.”

**Mrs. Mary Shumway** • Career, Technical, and Adult Education Director, Utah State Office of Education, Salt Lake City, UT

**Mrs. Wendi Morton** • CTE Coordinator, Pathways and Program Approval, Utah State Office of Education Salt Lake City, UT

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# BREAKTHROUGH

To better results in college & career readiness

According to the Community College Research Center of Columbia University, fewer than 50 percent of remedial students complete their recommended developmental education courses. Institutions everywhere struggle with getting underprepared students into credit-bearing courses quickly and effectively. For that reason, Pearson is partnering with educators and institutions across the country to accelerate college and career readiness through a range of proven, award-winning content, technology and services.

[pearsonhighered.com/college-readiness](http://pearsonhighered.com/college-readiness)



ACCELERATING  
REMIEDIATION



IMPROVING  
OUTCOMES



ACHIEVEMENT

 @ReadinessTeam

A5

## TEXAS BALLROOM I

### Forming Partnerships to Build Local Capacity for CTE

This presentation will provide participants with an example of how regional CTE districts can work with local comprehensive high schools and universities to increase access to rigorous CTE programs for all students. Participants will leave with their own roadmap to build capacity in their communities.

**Dr. Howard Lerner** • Superintendent, Bergen County Technical Schools, Paramus, NJ

**Dr. Michael Kuchar** • Superintendent, Bergenfield Public Schools, Bergenfield, NJ

A6

## TEXAS BALLROOM H

### CTE Skills in the Common Core State Standards

The Common Core State Standards (CCSS) are often described as the academic knowledge and skills students need to master to be prepared for college and careers. While the knowledge defined within the CCSS is apparent — the content itself — the skills that are imparted by the standards may be less apparent. In this session, participants will learn about and discuss findings from an analysis conducted by Achieve — *Understanding the Skills in the Common Core State Standards* — that benchmarked the academic standards to the Career Clusters® Essential Knowledge & Skills Statements.

**Ms. Kate Blossveren-Kreamer** • Associate Executive Director, National Association of State Directors of Career Technical Education Consortium (NASDCTEc), Silver Spring, MD [BLOG POST](#)

A7

## TEXAS BALLROOM A

### Monitoring Performance of Career Academies

Career academies combine a CTE sequence with college-prep academic courses. Research has found academies can improve outcomes for students. As the number of academies grows, it is important to make sure they continue to produce the intended results. This presentation shows how this can be done, using information from the California Partnership Academies.

**Dr. David Stern** • Professor, UC Berkeley, College & Career Academy Support Network, Berkeley, CA

A8

## TEXAS BALLROOM D

### Health Science Activities Across the Curriculum: K-12

This interactive session offers examples of integrated K-12 activities that increase academic achievement, introduce students to healthcare career options, improve personal health practices and build partnerships between subject area faculty and the healthcare community. Each of the 127 integrated activities includes health science foundation, academic and career development standards.

**Ms. Carole Stacy** • MSN, NA, RN, Executive Director, National Consortium for Health Science Education, Okemos, MI

## Session B: Concurrent Breakouts

3:45 p.m. – 5:00 p.m.

B1

## TEXAS BALLROOM J

### Teaching Individualism in a Standardized World: The Creative Brain

The workshop will explore how the creative mind works. As well as having several interactive activities that demonstrate the creative process, participants will be handed a short booklet describing *The Creative Brain*. A sample project-based activity will reveal how one thinks creatively in a group setting.

**Mrs. Sandra Mittelsteadt** • Owner, Zayn Consulting, Bakersfield, CA [BLOG POST](#)

**Dr. Carol Folbre** • Owner, Folbre & Associates Consulting, Marion, TX





B2

## TEXAS BALLROOM C

### Criteria for High-Quality CTE Programs

This session will take a close look at how states are evaluating and assessing CTE programs across the nation. Strategies for implementation will be provided that follow the Office of Vocational and Adult Education's (OVAE) Design Framework for Rigorous Programs of Study (RPOS).

**Mr. Albert Palacios** • Education Specialist, Office of Vocational and Adult Education, U.S. Department of Education, Washington, DC

B3

## TEXAS BALLROOM G

### Reviewing and Using Eight Key Indicators of Rigorous Career Technical Education to Improve Programs of Study

In this session participants will learn about eight key indicators for rigorous CTE that were revealed from research of the High Schools That Work and Technology Centers That Work Assessments. Participants will then engage in a strategy to use the indicators to develop instruments for use in classroom observations and analysis of CTE Programs. The process used can be replicated in schools to engage faculty in taking ownership of the school improvement process. Participants will leave this session with both a process to use and a deeper understanding of these eight critical indicators for rigorous CTE.

**Mr. Scott Warren** • Director of State Initiatives for High Schools That Work, SREB, Atlanta, GA [BLOG POST](#)

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## **B4 TEXAS BALLROOM I**

### **Building Strategic Alliances with Business/Industry, Workforce Development, and Economic Development**

Bringing together key partners to achieve buy-in, support and advocacy for important career technical education initiatives and projects has never been more crucial. But, there must be a win-win dynamic in place and their investment of time, energy and resources must be respected at every stage. This session will share best practices for building strategic alliances with diverse groups. Participants will review examples and outcomes of collaborative work that has taken place in Nebraska including the Nebraska Standards for Career Ready Practice, Career Readiness Modules, Professional Development Modules, H3 Website, Preparation for Tomorrow Food and Nutritional Sciences project and others.

**Mr. Gregg Christensen** • Entrepreneurship and Career Education Specialist-Nebraska Career Education, Lincoln, NE

## **B5 TEXAS BALLROOM B**

### **Rigorous and Relevant Technical Writing in the High School**

More than 80 percent of high school students' writing involves academic writing about literature. This is no longer adequate preparation for the workplace or college. Greater emphasis must be placed on training students how to communicate in the growing business world through an understanding of technical writing. This workshop will give hands-on experience and many ideas about writing projects.

**Mrs. Carol Larkin** • Instructor, Mentor Public Schools/Lake Shore Compact, Lyndhurst, OH

## **B6 TEXAS BALLROOM A**

### **Case Study: A Model Process for Determining the Viability of a Low-Performing Career Technical Education Program**

This case study explored local, state, and national data of similar programs to determine the viability of a Career Technical program. This easy to replicate process yielded data that was used to make informed decisions about the program as well as yielded national trends within the industry.

**Mr. Matt Simoneau** • Associate Dean of Academic Affairs, Inver Hills Community College – Inver, Grove Heights, MN

## **B7 TEXAS BALLROOM H**

### **Building Advisory Boards That Matter**

Too often, running an advisory board is simply a matter of compliance. But, with the right structure and processes, an advisory board can become the lifeblood of an energized program. During this workshop, Hans Meeder and Brett Pawlowski will share tips, hints and real-life applications they have collected and published in their new book, *Building Advisory Boards That Matter*.

**Mr. Hans Meeder** • President, National Center for College and Career Transitions Columbia, MD

**Mr. Brett Pawlowski** • Vice President, Business Engagement, National Center for College and Career Transitions, Charlotte, NC

## **B8 TEXAS BALLROOM D**

### **Healthcare 2020: Putting Students on the Path to Success!**

Demand for healthcare occupations will expand rapidly in the next five to ten years. There will be shortages. How can our CTE programs prepare students to be successful and meet the demand? This session will outline where the greatest demands will be, what skills and abilities students will need to succeed. Interactive group work will engage participants in project based activities and provide useful teaching learning strategies.

**Ms. Carole Stacy** • MSN, NA, RN Executive Director, National Consortium for Health Science Education, Okemos, MI



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## Continental Breakfast

Near Sponsor Showcase Area

7:45 a.m. – 8:45 a.m.

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## Sponsor Showcase

*Be sure to visit the Sponsor Showcase today!*

Pre-Function Area Outside Texas Ballroom

Near Registration

7:45 a.m. – 5 p.m.

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## Registration/Help Desk

Conference Registration Desk

Second level, top of escalator

7:45 a.m. – 5 p.m.

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## Session C: Concurrent Breakouts

8:45 a.m. – 9:45 a.m.

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### C1 TEXAS BALLROOM A

#### Making Your CTE Curriculum Accessible to All Special Populations

This presentation outlines strategies and resources that Career Technical Education (CTE) instructors can use to ensure that all special populations in their classes regardless of disability or background, can benefit. Specifically this session will introduce the principles of Universal Design for Learning (UDL) and their application in CTE settings.

**Dr. Lakshmi Mahadevan** • Assistant Professor, Texas A&M AgriLife Extension Service, College Station, TX [BLOG POST](#)

**Dr. Rick Peterson** • Associate Professor, Texas A&M AgriLife Extension Service, College Station, TX

### C2 TEXAS BALLROOM C

#### Business and Industry Partnerships: The Key to High-Quality CTE

Statewide Pathway Advisory Councils (PAC) are instrumental in guiding the development of extraordinarily high-level standards for Hawaii's CTE program of study courses, which culminate in a statewide performance-based assessment event that showcases the creativity and problem-solving abilities of CTE students. In this session, you'll learn how to engage business and industry so that they are central to your program improvement efforts and ambassadors for your program. You will also participate in a problem-based scenario similar to what students experience in the statewide performance-based assessment event.

**Mrs. Barbara White** • Associate State Director, Office of State Director, University of Hawaii, Honolulu HI [BLOG POST](#)

**Ms. Sherilyn Lau** • Perkins Administrator, Hawaii Department of Education, Honolulu, HI

### C3 TEXAS BALLROOM G

#### “Show-Me” a G.S.O.S. and I’ll Be There!

Missouri, the Show-Me State, has designated nine Career Education Coordinators within the state to provide support to K-12 school counselors in implementing their Comprehensive Guidance and Counseling Program. The Guidance System of Support (G.S.O.S.) uses area career centers as a hub to bring K-12 counselors together to help ensure their programs are helping all students be career and college ready. This session will provide information on how the G.S.O.S. is set up and the type of professional development work offered.

**Ms. Michelene Moeller** • Career Education Coordinator, Lewis & Clark Career Center, St. Charles, MO

**Ms. Michele Charlebois-Didreckson** • Career Education Coordinator, Springfield, MO

### C4 TEXAS BALLROOM I

#### Teacher Training and Development - Preparing Today's Students!

CTE schools require industry experience and in some cases the trade-off is limited preparation in teaching pedagogues. Thanks to a combination of universities, current needs, and NOCTI, several modules have been produced that provide new



teachers with research-based information about assessments, certifications and third-party testing. The modules can also serve as a great resource for college courses geared to CTE teacher prep as well as in-service for newly hired teachers.

**Dr. John Foster** • President/CEO, NOCTI, Big Rapids, MI

**Mrs. Amie Bloomfield** • Customer Care and Outreach Manager, NOCTI, Big Rapids, MI [BLOG POST](#)

## C5 TEXAS BALLROOM H

### Career Guidance: Everyone Has A Role to Play

Everyone that students come into contact with has the opportunity to support their knowledge of careers and career development. This presentation will outline how Alabama is developing guidance activities for grades K-12 in the Career Domain. These activities can be done in a variety of school settings by members of a school faculty and staff. There will also be discussion about how to link to business and industry for support of the activities.

**Ms. Margaret Smith** • Education Administrator, Alabama Department of Education, Montgomery, AL [BLOG POST](#)

## C6 TEXAS BALLROOM J

### Data Mining for Instructional Improvement: CTEDDI

Strategies to improve instruction are embedded in your students' data if you know how to mine for them. CTEDDI (Career Technical Educators using Data-Driven Instruction) is a researched professional development mining tool. The 5-step model (Collect data, Analyze data, Verify and triangulate, Design an Action plan, and Implement plan and review outcomes) can be implemented in various ways to meet needs at the state or local level; more important, each way involves a continuous improvement initiative rather than a one-time event.

**Dr. Sandy Pritz** • Senior Consultant, NOCTI, Columbus, OH [BLOG POST](#)

## C7 FORT WORTH BALLROOM 6

### National Legislative Update

This session will provide an update on federal legislation impacting Career Technical Education (CTE), Career Clusters®, and workforce training programs. Topics will include Carl D. Perkins Career and Technical Education Act of 2006

reauthorization, CTE funding, Elementary and Secondary Education Act reauthorization and Workforce Investment Act reauthorization.

**Mrs. Kimberly Green** • Executive Director, National Association of State Directors of Career Technical Education Consortium (NASDCTEc), Silver Spring, MD

## C8 TEXAS BALLROOM B

### Interactive Practices that Engage Business Partnerships

Hear about the practices of the 4-Corners initiative to develop local partnerships for project based learning, mentorship, senior capstone, and internships. Utilize free resources that are available through IT companies, video conferencing, Google, and social networks to organize, refresh and provide new connections close to or far away from home.

**Mrs. Melinda O'Connor** • Teacher, Computer Information Systems, Mentor High School, Mentor, OH

## C9 TEXAS BALLROOM D

### Financial Education for College Access and Success

This session focuses on the Financial Education for College Access and Success program, which supports state-led efforts to develop, implement, and evaluate the effectiveness of personal finance instructional materials and corresponding teacher training, with the express purpose of providing high school students with knowledge and skills to make sound financial aid and other personal finance decisions, particularly in relation to obtaining access to, persisting in, and completing postsecondary education. The U.S. Department of Education awarded a four-year grant to the Tennessee Department of Education (V215W100015); the state department has contracted the work with Middle Tennessee State University. The presenter will demonstrate personal finance instructional materials and course curriculum including components on college admissions, applying for financial aid, scholarships, decision-making, and the college application process. These course materials reflect the Financial Literacy and Education Commission's five core competencies: earning, spending, saving and investing, borrowing, and protecting against risk. The draft website is: <http://www.mtsu.edu/fecas/index.php>.

**Ms. Susan K. Cowden** • Director of Accountability, Budget, Grants Management and Industry Partnerships, Division of Career and Technical Education, Tennessee Department of Education, Nashville, TN



## A collage of 15 images showing various professionals in different settings, with a large magnifying glass focusing on the center. The images include: a man in a purple shirt by server racks, a man in a blue shirt in a lab, a man in a suit, a woman with glasses, a man in a lab coat with a microscope, a man in a suit pointing at a screen, a man in a hard hat in a warehouse, a woman in a lab coat, a man in a suit, a woman in a lab coat, a man in a suit, a woman in a lab coat, a man in a suit, a woman in a lab coat, and a man in a suit.

A photograph of a smiling woman with blonde hair, wearing a white sleeveless top, holding a basket of fresh corn cobs. The background is a lush green field of corn.



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**C10 FORT WORTH BALLROOM 1/2/3**

**The Adult Career Pathways Training and Support Center (ACP-SC) Webcast Series Presents: Applying Lessons Learned from Career Technical Education to Adult Career Pathways**

Join Albert Palacios from the U.S. Department of Education, Office of Vocational and Adult Education (OVAE) and expert panelists in The Adult Career Pathways Training and Support Center (ACP-SC) Webcast Series Presents: Applying Lessons Learned from Career Technical Education to Adult Career Pathways. The panelists will discuss their perspectives, experiences, and recommendations on how to adapt the Programs of Study framework to the design of Adult Career Pathways programs. The webcast will be filmed live at the National Career Clusters® Institute and simultaneously broadcast to the field. Viewers are encouraged to participate in the live Q&A session via Twitter by using #CreatePathways. The ACP-SC is funded by the U.S. Department of Education, OVAE.

**Ms. Hope Cotner** • Vice President – U.S. Projects, Center for Occupational Research and Development (CORD), Waco, TX

**Mr. Albert Palacios** • U.S. Department of Education, Office of Vocational and Adult Education, Washington, DC

**Dr. Blake Flanders** • Vice President for Workforce Development, Kansas Board of Regents, Topeka, KS

**Mr. Brian Durham** • Senior Director for Academic Affairs and Career & Technical Education, Illinois Community College Board, Springfield, IL

**General Session**

Texas Ballroom EF

10 a.m. – 11 a.m.

**Effective Business/Education Partnerships – Emphasizing the Intersection between Education, Workforce and Economic Development**

Join our trio of national business and industry leaders, who will provide an employer's perspective on how their associated Career Clusters® engage the marketplace, involving students to achieve career success. Learn the importance of the intersection between education and workforce development and economic development, and how each company is involved in effective employer-education partnerships.



**Mr. Mario Lozoya** • Manager, External Affairs, Toyota Motor Manufacturing, San Antonio, TX



**Ms. Lisa Lam** • Principal, Workforce Development-PowerPathway at Pacific Gas and Electric Company (PG&E), San Francisco, CA



**Ms. Lucia Folk** • Senior Director, Public Affairs, Country Music Television (CMT), Nashville, TN

**Tuesday • June 11, 2013**



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## Session D: Concurrent Breakouts

11:15 a.m. – 12:10 p.m.

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### **D1** TEXAS BALLROOM H

#### **Improving the Transition to Teaching for Career/Technical Teachers Entering Through Alternative Routes**

Beginning Career/Technical teachers need a variety of support to make a successful transition to teaching. This session will share the research findings of an induction model that provides 200 hours of professional development and support framed around the most pressing questions new teachers face.

**Ms. Karen Skidmore** • Technology Center Services Coordinator, Oklahoma Department of Education, Stillwater, OK

**D2**

### **FORT WORTH BALLROOM 6**

#### **The Career Pathways Effect: Linking Education and Economic Prosperity**

*The Career Pathways Effect: Linking Education and Economic Prosperity* is a how-to guidebook for administrators, faculty, counselors, and business partners. The book provides insight from a broad range of national experts on Career Technical Education (CTE), Career Pathways, and Programs of Study.

The Career Pathways Effect is organized around NASDCTEc's vision for CTE; five guiding principles to help ensure students of all ages are prepared to succeed in education and careers that will enable the U.S. to flourish in an increasingly competitive global economy. Learn how the book can guide you as you work to improve student academic and career success.

**Mrs. Kimberly Green** • Executive Director, National Association of State Directors of Career Technical Education (NASDCTEc), Silver Spring, MD

**Dr. Richard Hinckley** • Chief Executive Officer, Center for Occupational Research and Development (CORD), Waco, TX



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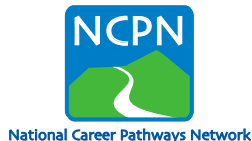
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# The Career Pathways Effect

## PROFESSIONAL DEVELOPMENT WORKSHOPS



The Center for Occupational Research and Development (CORD) and the National Association of State Directors of Career Technical Education Consortium (NASDCTEc) have collaborated on the development of *The Career Pathways Effect: Linking Education and Economic Prosperity*, a new book that offers solutions to major education and resulting economic problems facing the United States today. To complement the book, CORD and NASDCTEc have jointly developed a series of workshops designed to help practitioners implement Career Pathways systems.

The following workshops are available:

### Lead/Succeed Series

- Career Pathways Overview
- The Administrator's Role in a Career Pathways System

### Partner Series

- Partnership Opportunities

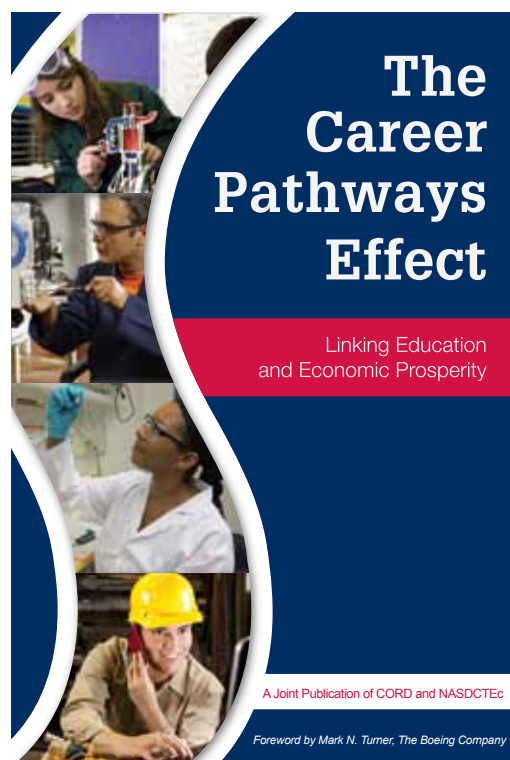
### Deliver Series

- Teaching for Success
- Counseling for Success
- Building Programs of Study

### Ensure Series

- Data-Driven Decision-Making

*All workshops can be customized for your state or region. Don't see what you are looking for? Contact us for a complete customized package.*



*For more information:*

**Debra Mills**

[dmills@cord.org](mailto:dmills@cord.org), 217-247-9930

**Teemus Warner**

[twarner@cord.org](mailto:twarner@cord.org), 254-741-8337



### D3 TEXAS BALLROOM I

#### Secrets to Effective Virtual Professional Learning Communities

For three years, the Pennsylvania Department of Education has sponsored virtual Professional Learning Communities (PLC) using web-based meeting technology among CTE educators and administrators. The virtual PLCs allow teachers to share lesson plans; strengthen math integration, literacy and curriculum development techniques; and for administrators to share best practices in partnerships, data analysis, and other topics. Virtual Professional Learning Communities offer a valuable professional learning option to foster ongoing professional collaboration and sharing. In this session, participants will learn practical tips for organizing, structuring and operating virtual PLCs.

**Ms. Jennifer Grams** • Director of Best Practices and Program Coaching, Meeder Consulting, Columbia, MD

**Mr. Hans Meeder** • President, Meeder Consulting, Columbia, MD

### D4 TEXAS BALLROOM G

#### Transitioning to Pathways: Ten Years in the Making

The transition to Career Cluster® pathways requires much more than a name change. Moving from an occupational focus to a program with broader opportunities requires true changes in program design, content standards and measures to assess student learning. This session outlines a significant effort underway in Ohio to institute CTE pathway programs in the state.

**Dr. Isaac Kershaw** • Assistant Director, CTE, Ohio Department of Education, Columbus, OH

### D5 TEXAS BALLROOM C

#### Business Engagement Strategies-Identifying Career Cluster Development Through Partnerships

The Business Engagement Strategy is a model to develop a well-trained workforce critical to regional prosperity by working closely with the surrounding business community and local-level leaders. Students receive an early orientation of career opportunities and a map that helps them navigate well-defined career pathways, particularly in the vibrant economic sectors.

**Mrs. Susan L. Thackeray** • Director, Career and Technical Education, Utah Valley University, Orem, UT

**Dr. Gary Wixom** • Assistant Commissioner, Academic Affairs, CTE Utah System of Higher Education Salt Lake City, UT  
[BLOG POST](#)

### D6 TEXAS BALLROOM A

#### Insurance Education and Career Training for Free

InVEST, a free classroom education program, provides numerous resources to include insurance education and career preparation in 11th and 12th grade classrooms. Printed textbooks, teacher guide, online games, lesson plans, guest speakers, student scholarships and much more are available for free through InVEST! Jennifer Robinson, InVEST Program Director, will explain the importance of insurance education, the opportunity for growth in the insurance industry, the gaps in employment the industry is struggling to fill, and how to implement the free materials in your class so it's fun, informative and exciting for your students.

**Ms. Jennifer Robinson** • Program Director, InVEST, Alexandria, VA [BLOG POST](#)

### D7 TEXAS BALLROOM B

#### Introduction to the Common Career Technical Core

Born from the principles set forth in *Reflect, Transform, Lead: A New Vision for Career Technical Education*, NASDCTEc launched a visionary, state-led initiative to create a set of common state standards for CTE – the Common Career Technical Core (CCTC). The standards have been informed by state and industry standards and the Career Clusters® and developed by a diverse group of teachers, business and industry experts, administrators, and researchers. Learn how the CCTC were developed, the Alignment Study currently underway that is comparing the CCTC against all existing state Career Technical Education standards, and other efforts and resources being created to support the adoption and implementation of the CCTC across states.

**Ms. Kate Blosveren-Kreamer** • Associate Executive Director, National Association of State Directors of Career Technical Education Consortium (NASDCTEc), Silver Spring, MD [BLOG POST](#)

**Ms. Lauren Serpati** • Research Analyst, Global Skills X-Change, Alexandria, VA



Tuesday • June 11, 2013

## D8 TEXAS BALLROOM J

### Vendor Session: College Credit for CTE Competency...Available Now!

With the emphasis on assuring that students are career and college ready, the National College Credit Recommendation Service recently reviewed numerous technical assessments and recommended them for college credit at over 1500 colleges nationwide. This not only provides a motivation for students and a financial savings for parents but underscores the rigor of CTE programs. Learn about the process and how your students can benefit.

**Dr. John Foster** • President/CEO, NOCTI, Big Rapids, MI

**Ms. Tina Grant** • Director, National College Credit Recommendation Service, Albany, NY

## D9 TEXAS BALLROOM D

### Creating Partnerships within Law, Public Safety, Corrections and Security/Internships

Creating successful partnerships with police departments/ law enforcement agencies to provide learning opportunities for high school students and ready them for employment in Law Enforcement/Public Safety.

**Mrs. Kristin Spivey** • Detention Manager, Grand Prairie Police Department, Grand Prairie, TX

## Lunch

Texas Ballroom E

12:20 p.m. – 1:15 p.m.

## Session E: Concurrent Breakouts

1:30 p.m. – 2:30 p.m.

### E1 TEXAS BALLROOM A

#### Business Industry Certification (BIC): CTE Programs that Provide 21st Century Skills

Alabama State Department of Education, Office of Career and Technical Education/Workforce Development, partnered with business and industry to establish an accountability system for the improvement and enhancement of career tech programs. Through strong collaboration between business and education, the BIC process is meeting regional workforce development demands and teaching 21<sup>st</sup> century skills through the use of technology, equipment, and facilities similar to those currently found in the workplace.

**Mr. Randy Swann** • Education Administrator, Alabama Department of Education, Montgomery AL

### E2 TEXAS BALLROOM C

#### Extreme Makeover: CTE Standards Edition

What appeared initially to be an easy revise and update turned out to be a complete “Extreme Makeover” of the California CTE Model Curriculum Standards. The newly adopted CTE Standards have been updated to meet the expectations for the 21st Century workforce, to ensure all students are career and college ready. Learn how the CTE Standards align with and support the Common Core State Standards, Next Generation Science Standards, and social science standards. The CTE Standards include an overarching set of Standards for Career Ready Practice that are designed to ensure all students are truly career ready.

**Mr. Russ Weikle** • Interim Director, Career and College Transition Division, California Department of Education, Sacramento, CA

Tuesday • June 11, 2013



## E3 TEXAS BALLROOM G

### Vendor Session: Effective Strategies for Certifying Career Technical and Workforce Education Students

The role of industry-recognized certification continues to grow, impacting funding, professional development, and student achievement. Internet and Computing Core Certification (IC3) and Microsoft Office User Specialist (MOS) are unique digital literacy certifications that map closely to several state and national curriculum objectives. Attend this session to learn the latest developments and success stories in IT among other certifications. Demonstrations will show how the latest classroom management curriculum resources track progress on multiple benchmarks, tailor instruction to individual students, eliminate manual grading, and dramatically improve student achievement. Additional information will be shared on how to obtain other industry-recognized certifications offered exclusively through Pearson, including culinary arts (ProStart, ServSafe, Manage First, Baking, Cooking through the National Restaurant Association), construction trades (NCCER credentials through National Center for Construction Education and Research), and hospitality (Hospitality and Tourism Management Professional certificate through American Hotel and Lodging Association Educational Institute).

**Ms. Karen Marben** • National Director of Sales, Career Technical Education, Pearson, Bloomington, MN



## E4 TEXAS BALLROOM H

### Open Education Resources

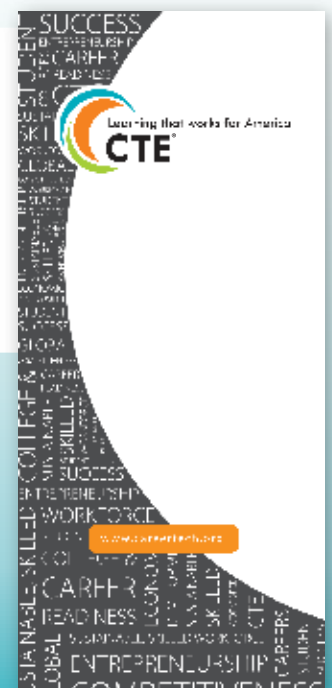
Today's workforce educator can get overwhelmed with the availability of online resources. This session will cover a multitude of valid technology tools for use in career assessment, career exploration, job skills, and career planning. Each resource will have an example of CTE classroom implementation idea, detailed explanation of how the tool works, and implications of how the tool could be used in workforce development. This session will provide useful, researched, and analyzed tools for CTE administrators and educators.

**Ms. Kristin Firmery** • Curriculum Coordinator, University of North Texas, College of Information, Department of Learning Technologies, Denton, TX

## CTE Awareness Campaign Materials

This brochure hits all the right notes in talking about the many ways CTE is working for America. It's easy to read, informative and loaded with important facts about the benefits of CTE to business and industry, the economy, student achievement, career and college readiness, local communities and more.

This poster features the new CTE brand logo and tagline "Learning that works for America." It's the perfect companion for any wall, exhibit, or open surface where students and parents, educators and others can see.



Order your CTE: Learning that Works for America™ Campaign Materials at [www.careertech.org](http://www.careertech.org) or call 301-588-9630

Brought to you by the National Career Technical Education Foundation & the National Association of State Directors of Career Technical Education Consortium



## E5 FORT WORTH BALLROOM 1/2/3

### “No More Next Buttons” - Using Simulations in Career and Technical Education through OER

The purpose of the presentation is to explore how gaming and simulations are being used in CTE. This presentation will include an open discussion on the future of virtual environments such as open educational resources (OER) and how they can be used to increase the access and availability of CTE programs.

**Mr. Albert Palacios** • Education Specialist, Office of Vocational and Adult Education, U.S. Department of Education, Washington, DC

## E6 TEXAS BALLROOM I

### Certifying College and Career Readiness

What does college and career readiness really mean? How do we know if our career tech programs are really preparing students for life after high school? The National Academy Foundation has created the first of its kind student certification and assessment system that measures college and career readiness, providing students with a key credential to get a leg up in the world. Attendees will leave this session with a working definition of college and career readiness and knowledge of a system that measures several aspects of being college and career ready.

**Mr. Mike Henson** • Director, District Engagement, National Academy Foundation, New York, NY

## E7 TEXAS BALLROOM F

### Infusing Entrepreneurship Education Across the Career Clusters

Why and how entrepreneurship education can be infused across all Career Clusters will be the focus of this session. An overview of research, key practices, resources, curricula and initiatives will build the foundation for a dialogue and sharing among participants about what is taking place in their states to create the next generation of innovators and entrepreneurs.

**Mr. Gregg Christensen** • Entrepreneurship and Career Education Specialist-Nebraska Career Education, Lincoln, NE [BLOG POST](#)

## E8 TEXAS BALLROOM B

### Introduction to the Common Career Technical Core

Born from the principles set forth in *Reflect, Transform, Lead: A New Vision for Career Technical Education*, NASDCTEc launched a visionary, state-led initiative to create a set of common state standards for CTE – the Common Career Technical Core (CCTC). The standards have been informed by state and industry standards and the Career Clusters® and developed by a diverse group of teachers, business and industry experts, administrators, and researchers. Learn how the CCTC were developed, the Alignment Study currently underway that is comparing the CCTC against all existing state Career Technical Education standards, and other efforts and resources being created to support the adoption and implementation of the CCTC across states.

**Ms. Kate Blossveren-Kreamer** • Associate Executive Director, National Association of State Directors of Career Technical Education Consortium (NASDCTEc), Silver Spring, MD [BLOG POST](#)

**Ms. Lauren Serpati** • Research Analyst, Global Skills X-Change, Alexandria, VA

## E9 TEXAS BALLROOM D

### Vendor Session: Facilitating Career Success Through One Seamless Pipeline of Comprehensive Solutions

Similar to the educational structure, successful career planning begins at an early age in order to effectively transition individuals to the next stage of their life. Whether enrolling into a secondary or postsecondary institution, joining the workforce, or looking for a career change, Kuder, Inc. has the only customized line of complete end-to-end solutions that will help individuals navigate through life's journey. After 75 years of helping 150 million users worldwide see what they can be, this statement only scratches the surface of what our solutions can do.

**Mr. Scott Vandever** • Division Vice President, Sales and Support, Kuder, Inc., Adel, IA



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## Mega Sessions

2:45 p.m. – 3:45 p.m.

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### FORT WORTH BALLROOM 1/2/3

#### Mega Session: National Perspectives on CTE

CTE is the “in” topic in federal policy circles. This panel discussion will give you “Inside the Beltway” insights to latest policy and political conversations relevant to CTE. Learn the status of the reauthorization of Perkins, the Workforce Investment Act, the Elementary and Secondary Education Act and walk away with a variety of tools to help stay connected to these policy discussions.

**Mrs. Alisha Hyslop** • Director of Public Policy, Association for Career and Technical Education (ACTE), Alexandria, VA

**Mr. James Hermes** • Associate Vice President of Government Relations, American Association of Community Colleges (AACC), Washington, DC

**Mrs. Kimberly Green** • Executive Director, National Association of State Directors of Career Technical Education Consortium (NASDCTEc), Silver Spring, MD

### TEXAS BALLROOM F

#### Best Practices in Media Outreach to Build Support for CTE and CTSOs

A blend of traditional and non-traditional (social) media to reach diverse stakeholders is an important part of a strategic marketing plan for Career Technical Education (CTE) and Career Technical Student Organizations (CTSOs). Key practices and successful examples from Nebraska will be shared and a dialogue about what is working in other states will be the foundation of this session.

**Mr. Gregg Christensen** • Entrepreneurship and Career Education Specialist, Nebraska Career Education, Lincoln NE [BLOG POST](#)

### TEXAS BALLROOM E

#### Get Connected to Online Learning

Remember back in the day when correspondence courses were a big thing? They advertised on the back of matchbooks and remember those TV commercials that offered training kits to teach you to draw at home? As technology evolves – so does the idea of online learning. A combination of technologies is making

online learning more and more accessible to all types of learners. Mobility, high speed internet connections, video and collaboration software are some of the parts making up the whole solution. In this session we will explore some of the latest trends and how they are impacting the way teachers teach and students learn (and yes, we still have teachers with today's online movement!)

In this session we will explore some of the trends such as:

- Massive Open Online Courses (MOOCs) – some of the world's largest Universities have joined the MOOC movement!
- Blended Learning – one of the most common delivery means in K-12 and Higher Education
- Flipped Classrooms – goes beyond the typical classroom day

We will also share some of the latest ways Microsoft is enabling learning – such as Microsoft Virtual Academies (MVA) and Modern Learning Experiences (MLX). In the coming school year both of these delivery platforms will become available for teachers to use in CTE programs.

**Ms. Amy Merrill** • Microsoft Learning, Fort Worth, TX

**Mr. Gene Longo** • Microsoft Learning, Annapolis, MD

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## Session F: Concurrent Breakouts

4 p.m. – 5 p.m.

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F1

### TEXAS BALLROOM C

#### The Common C.O.R.E.: Concentrating on Reality Education Results & Research

Much effort has gone into acquainting educators with the content and structure of the Common Core State Standards (CCSS), but much less attention has been paid to developing and sharing sample activities and projects that cross disciplines while supporting the CCSS. Concentrating on Reality Education (C.O.R.E.) is a collaborative effort to integrate The CCSS with CTE, providing CTE teachers and administrators a process for identifying CTE's contribution to these career-and college-ready standards. This session will focus on the face-to-face and online professional development activities developed through the Missouri Center for Career Education and the research to date on its effectiveness with teachers and on student achievement.

**Dr. Michelle Conrad** • Co-Director, Missouri Center for Career Education, Warrensburg, MO

**Dr. Larae Watkins** • Co-Director, Missouri Center for Career Education, Warrensburg, MO

# CareerClusters® Resources

*Brought to you by the National Career Technical Education Foundation & the National Association of State Directors of Career Technical Education Consortium*



Order these and other  
**Career Clusters®**  
resources at  
[www.careertech.org](http://www.careertech.org)  
or call 301-588-9630

The Career Clusters® Pocket Guide provides a perfect introduction to Career Clusters® and reference for students, teachers and parents. The Pocket Guide lists each Career Cluster® with the pathways, photos, and sample careers. This full-color brochure is 14" X 8.5".

These simple posters would make a brilliant foundation for a bulletin board highlighting careers. This set includes all 16, 24" X 18", Career Cluster® posters.







Cisco Networking Academy®



## ICT is not just for techies.

Every student needs technology skills in today's networked world.

Educators need to engage diverse students with fresh, relevant STEM curricula. Cisco offers a proven, end-to-end solution: innovative ICT and networking courses made available to schools and colleges throughout the United States.

Empower your instructors with tools that inspire secondary and post-secondary students to acquire real-world technology skills.

- Courses are free to nonprofit education institutions
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- Common Core, STEM, and 21 Century Skills alignment
- Comprehensive, with free innovative teaching tools
- Instructor training and ongoing professional development



See a course demo!

[cisco.com/go/netacad/us](https://cisco.com/go/netacad/us)

F2

## TEXAS BALLROOM A

### Food Science as a Secondary Lab Science Class

Upon receiving a grant from Texas Education Agency, we began to plan lessons which reflected the Texas TEKS 130.230 on Food Science. We identified nine (9) experienced classroom teachers to write the lesson plans Texas teachers could use to teach Food Science as a lab Science (40% lab time). Topics in the content areas are: I. Exploring Food Science; II. The Food Science Laboratory; III. Fundamentals of Chemistry; IV. Food Chemistry; V. The Microbiology of Food; and VI. The Science of Nutrition.

**Dr. Janelle Walter** • Professor-Nutrition, Baylor University, Waco, TX

**Ms. Suzy Weens** • Professor and Department Head, Baylor University, Waco, TX

F3

## TEXAS BALLROOM J

### AP Coursework and Programs of Study

Traditionally Advanced Placement courses have not been recommended for students in CTE programs. NASDCTEC and the College Board worked together to draft a "Relevance Report" that shows how AP courses ARE relevant to a student's program of study. This session will look at that work and involve participants in further review and strategies for including AP courses in CTE.

**Mrs. Wanda S. Monthey** • Senior Director, District and State Assessment Programs, The College Board, Washington, DC

F4

## TEXAS BALLROOM G

### Vendor Session: The Cisco Networking Academy: The World's Largest Classroom

The Cisco Networking Academy is considered to be the World's Largest Classroom. This session is an update of the Cisco Networking Academy's state of affairs in the great state of Texas. We will cover the Texas State Profile, Department of Labor Statistics, In-Kind Contribution, an introduction to the Cisco Networking Academy basics, curricula and much more.

**Mr. Jessie Pagan, Jr.** • Area Academy Manager, South, Cisco Networking Academy, St. Petersburg, FL



Tuesday • June 11, 2013

## F5 FORT WORTH BALLROOM 1/2/3

### Policy Q & A Session

Interested in digging deeper on the federal policy issues? Get your questions answered from the National Perspectives mega session. Learn more about how you can become an active advocate for Career Technical Education and Career Clusters®.

**Mrs. Alisha Hyslop** • Director of Public Policy, Association for Career and Technical Education (ACTE), Alexandria, VA

**Mr. James Hermes** • Associate Vice President of Government Relations, American Association of Community Colleges (AACC), Washington DC

**Mrs. Kimberly Green** • Executive Director, National Association of State Directors of Career Technical Education Consortium (NASDCTEc), Silver Spring, MD

## F6 TEXAS BALLROOM I

### Trends in CTE Data

What do the trends in data imply for career and technical education? This session will provide trend data and conversations important for policy and legislation at state and local levels for Carl D. Perkins grant recipients. Recommendations from the SPAC (States' Perkins Accountability Congress) will be shared in light of reauthorization.

**Mr. John Haigh** • Chief, Accountability and Performance Branch, Office of Vocational and Adult Education, U.S. Department of Education, Washington, DC

## F7 TEXAS BALLROOM H

### LPSCS and GPA Resources from the Texas Education Agency and the University of North Texas

This presentation introduces the Texas Education Agency Educational Excellence grant resources and instructional materials for secondary Law, Public Safety, Corrections and Security (LPSCS) and Government and Public Administration (GPA) educators provided at no cost on the University of North Texas (UNT) Career and Technical Education website (<http://cte.unt.edu/>).

**Ms. Amber O'Casey** • Curriculum Coordinator, University of North Texas, Denton, TX [BLOG POST](#)

## F8 TEXAS BALLROOM B

### Office Hours: Common Career Technical Core

Have additional questions about the Common Career Technical Core? This session will provide direct access to experts from NASDCTEc and GSX, the firm leading the Alignment Study between the CCTC and state secondary and postsecondary Career Technical Education Standards. To learn more about the CCTC, we encourage you to participate in session D7 or E8, Introduction to the Common Career Technical Core before attending this session.

**Ms. Kate Blossveren-Kreamer** • Associate Executive Director, National Association of State Directors of Career Technical Education Consortium (NASDCTEc), Silver Spring, MD [BLOG POST](#)

**Ms. Lauren Serpati** • Research Analyst, Global Skills X-Change, Alexandria, VA

## F9 TEXAS BALLROOM D

### Vendor Session: Getting Started with Java using Alice3

This presentation lays the foundation for educators with little or no programming experience to learn Java working with Alice3 interactive development environment. The session will introduce fundamentals of programming concepts and terminology in an easy, engaging manner.

**Ms. Tzel Ramos** • Program Manager, Oracle Academy North America, Redwood City, CA



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## Continental Breakfast

Texas Ballroom E/F

7:30 a.m. – 8:30 a.m.

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## Registration/Help Desk

Conference Registration Desk

7:30 a.m. – 11 a.m.

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## Raffle Drawing!

*Names will be drawn for prizes; the lucky winners must be present to win. Raffle drawing will begin in Texas Ballroom EF at 11:10 a.m.*

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## Session G: Concurrent Breakouts

8:30 a.m. – 9:45 a.m.

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### G1 TEXAS BALLROOM B

#### CTE & the Common Core: A Collaborative Development Process

How do we include CTE in the Common Core discussions? At the Missouri Center for Career Education, we've developed a process for CTE teachers to not only align, but to integrate common core state standards with Career & Technical Education. This session will allow participants to experience the C.O.R.E. process with sample lessons, and to walk away with a procedure that administrators can lead in their own state, district, or school.

**Dr. Michelle Conrad** • Co-Director, Missouri Center for Career Education, Warrensburg, MO

**Dr. Larae Watkins** • Co-Director, Missouri Center for Career Education, Warrensburg, MO

### G2 TEXAS BALLROOM C

#### Exposing and Engaging Students in Careers

Learn about an effective partnership with the Omni (Ft. Worth) that played a key role in a pipeline workforce training endeavor. When workforce youth evaluations showed little interest in hospitality industry, discover how the process was begun and the results of the program.

**Mr. Terry Carlile** • Director TLC Solutions, Longview, TX

[BLOG POST](#)

**Ms. Barbara Doucet, SPHR** • Director of Human Resources  
Omni Dallas Hotel, Dallas, TX

### G3 TEXAS BALLROOM H

#### All on Board the Engine Driving Wisconsin's Career Pathways Initiative!

Discover how Wisconsin integrates Programs of Study and student Academic & Career Plans within the Career Clusters® framework through the Wisconsin Career Pathways web site. Join us in this hands-on workshop as we lead you through this web-based interactive resource. Get on board as a program-of-study builder, student and counselor!

**Ms. Marge Rubin** • Director-College & Career Pathways, Fox Valley Technical College, Appleton, WI [BLOG POST](#)

**Mr. Jay Stulo** • Director-Learning Innovations & Technology, Appleton, WI



Today's Class is an interactive online education program for secondary schools and technical colleges. Exciting exercises and dynamic animations make Today's Class a fully interactive addition to the instructor's curriculum, and the user-friendly Learning Management System provides convenient accessibility for both instructor and student.

#### Available Programs

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|----------------------|-------------------------|
| • <b>Automotive</b>  | • <b>Agriscience</b>    |
| • <b>Cosmetology</b> | • <b>Health Science</b> |

Today's Class qualifies for Perkins IV funds by increasing technology in the classroom, linking rural schools to community colleges, providing access to data systems, and supporting teacher preparation.

#### Just a few of our features are listed below:

- |                                    |                                     |
|------------------------------------|-------------------------------------|
| • <b>Anytime access on the web</b> | • <b>Interactive Exercises</b>      |
| • <b>Quizzes &amp; Tests</b>       | • <b>Interactive Graphics</b>       |
| • <b>Instant Test Grading</b>      | • <b>Message Center</b>             |
| • <b>Class Management</b>          | • <b>Certificates of Completion</b> |
| • <b>Homework Option</b>           | • <b>Reports</b>                    |
| • <b>Student Tutor Button</b>      | • <b>Test Reset Options</b>         |

#### Ask Us About a Free 60 Day Trial

1-877-224-0435

[info@todaysclass.com](mailto:info@todaysclass.com)

[www.todaysclass.com](http://www.todaysclass.com)

\*Free trial for first time school users only





Wednesday • June 12, 2013

## G4 TEXAS BALLROOM I

### Preparation for Tomorrow: A High School Curriculum Program in 12 Career Cluster® Areas

Preparation for Tomorrow is a Career Cluster® curriculum that is so engaging, rigorous, authentic, and affordable that it will transform education in America's high schools. The mission of PFT requires a belief system that accepts a broader concept of rigor:

- Application-based learning
- Project-based learning in real-world use of academics
- Assessments measuring students' depth of learning of both technical and academics
- Connect learners to the meaning and purpose of school

By 2012 the U.S. will be 3 million skilled workers short in all high-skill sectors predominantly in STEM. We need to make sure that young Americans have the skills to perform these jobs.

**Mr. Richard Blais** • Senior Advisor to SREB Preparation for Tomorrow, Southern Regional Education Board, Atlanta, GA

## G5 FORT WORTH BALLROOM 1/2

### High School Transformation at the Community Level

Ford Next Generation Learning (Ford NGL), a national program developed by Ford Motor Company Fund, focuses on supporting communities in aligning resources to transform their high schools into career- and interest-themed academies. The resulting network of currently 17 communities is pushing the boundaries of education reform tied to workforce and economic development.

Ford NGL addresses the growth of high-wage, high-skill career pathways in which academic achievement and technical skills have become intertwined and represent a new standard for success.

Please join Rick Delano, national consultant with the Ford Motor Company Fund to learn more about Ford Next Generation Learning. Rick will be presenting our closing keynote on Millennials in the Workplace following this breakout session.

**Mr. Richard K. Delano** • Consultant, Ford Motor Company Fund and President, Social Marketing Services (SMS, LLC), Bridgehampton, NY

## G6 FORT WORTH BALLROOM 3

### Illinois' Regional Network Approach to Professional Development: Raising the Bar

Building on the work of the previous Illinois Regional Collaboratives, the Illinois Community College Board released the CTE Regional Network Grant to support professional development activities across the state. This session will explore the creation, development and expansion of the CTE Regional Network, specifically examining how and why the network was created, the objectives it fulfills and the partners involved. Join us to learn more about effective, continuous professional development and avenues utilized to engage multiple partners in content development and delivery.

**Dr. Aimee Julian** • Co-Director, Illinois Center for Specialized Professional Support, Normal, IL

**Ms. Kristy Morelock** • Associate Director of Programs of Study, Illinois Community College Board, Springfield, IL

**Mr. Ali O'Brien** • Assistant Vice President for Education Affairs, College of Lake County, Grayslake, IL

## G7 TEXAS BALLROOM D

### FREE Resources for Education and Training, Hospitality and Tourism, and Human Services Cluster Teachers!

The Statewide Instructional Resources Development Center (SIRDC) is a Texas Education Agency Perkins state leadership grant-funded project that has been awarded to Stephen F. Austin State University. SIRDC provides free instructional lessons and resources for Education and Training, Hospitality and Tourism, and Human Services Career Clusters® teachers. This interactive session will provide participants with information on the development of this project as well as instructions on accessing and navigating through all web site components - [www.cte.sfasu.edu](http://www.cte.sfasu.edu).

**Ms. Sandra Ann Delgado** • CTE Associate Project Director, Statewide Instructional Resources Development Center, San Antonio, TX [BLOG POST](#)

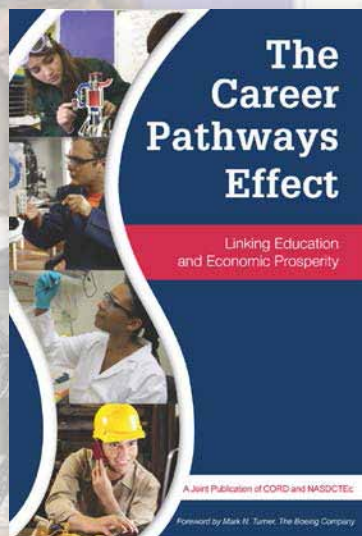
**Mrs. Diane Salazar** • Texas Statewide CTE Coordinator, Texas Education Agency, Austin, TX

**Dr. Lynda Martin** • SFA Director, School of Human Sciences, SFA Grant Program Investigator, SFA School of Human Sciences Nacogdoches, TX

# The Career Pathways Effect

## Linking Education and Economic Prosperity

A Joint Publication of CORD and NASDCTEc



Designed as a how-to guidebook for administrators, faculty, counselors, and business partners, *The Career Pathways Effect* brings together 27 national experts on Career Technical Education (CTE), Career Pathways, and Programs of Study. This timely publication represents a collaborative effort between the Center for Occupational Research and Development (CORD) and the National Association of State Directors of Career Technical Education Consortium (NASDCTEc) to offer evidence-based support for the concepts and principles associated with Career Clusters, Career Pathways, and Programs of Study and a template for more uniform implementation across the nation. *The Career Pathways Effect* is organized around NASDCTEc's new vision for CTE; five guiding principles to help ensure students of all ages are prepared to succeed in education and careers that will enable the U.S. to flourish in an increasingly competitive global economy. Learn from experienced leaders as they offer guidance to states, local districts, postsecondary institutions, and business leaders on systemic improvement and innovation in the development of Career Pathways.

*The Career Pathways Effect* supports:

- faculty and staff professional development
- program redesign efforts
- policy planning
- business-education partnerships

---

### What leaders across the nation are saying...

"...a must read for anyone interested in 're-engineering' the U.S. educational system."

— Anthony Landis, Director of College & Career Transitions,  
Ohio Board of Regents

"The *Career Pathways Effect* brings ideas, facts, and best practices into one resource for educators and policymakers who want to improve student academic and career success."

— Kathy D'Antoni, Assistant State Superintendent of Schools,  
West Virginia Department of Education

"...chock full of realistic and achievable advice for policy, professional development, accountability systems, and more."

— Besty Brand, Executive Director, American Youth Policy Forum

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Let *The Career Pathways Effect* guide your journey in designing and implementing Career Pathways.

Order Your Copy Today: [www.cordcommunications.com](http://www.cordcommunications.com) • \$15.95



Wednesday • June 12, 2013

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## Session H: Concurrent Breakouts

10:00 a.m. – 11:00 a.m.

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### H1 TEXAS BALLROOM B

#### What is Career Readiness?

Policymakers and the public alike are embracing “college and career readiness” as the solution to raise our nation’s rankings in achievement and attainment in secondary and postsecondary learning compared to other nations. In 2012, the Career Readiness Partner Council unveiled a shared definition for what it means to be career ready. Learn more about the definition, the Council members and next steps. Visit [www.careerreadynow.org](http://www.careerreadynow.org).

**Mrs. Kimberly Green** • Executive Director, National Association of State Directors of Career Technical Education Consortium (NASDCTEC), Silver Spring, MD

### H2 TEXAS BALLROOM C

#### Common Core & CTE: Aligned Instructional Tasks

The National Association of State Directors of Career Technical Education (NASDCTEC) and Achieve jointly developed and piloted a process where educators evaluate, modify, and/or develop instructional tasks are fully aligned to both the Career Clusters® and the Common Core State Standards in mathematics. In this session participants will learn about and engage in the alignment process and see model tasks from participating states.

**Ms. Kate Blossveren-Kreamer** • Associate Executive Director, National Association of State Directors of Career Technical Education Consortium (NASDCTEC), Silver Spring, MD [BLOG POST](#)

### H3 TEXAS BALLROOM H

#### Developing Dynamic Learning Object Clusters to Promote Individualized Learning: Content Within Context

This session will describe the development of learning object clusters (LOCs) that can be used as stackable, reusable instructional components that increase student technical and employability skills. LOCs integrate general education standards with the Common Career Technical Core standards to promote individualized learning of “content within context.”

**Dr. Joselito Lualhati** • Director of Research and System Development, Global Skills X-Change, Alexandria, VA

**Ms. Lauren Serpati** • Research Analyst, Global Skills X-Change, Alexandria, VA

### H4 TEXAS BALLROOM I

#### Ready, Set, Go

Where do you begin? Situated in a small rural area of Kansas, Central Heights has incorporated career awareness activities at the elementary level, K-5. Students at the middle school experience career exploration through the Kansas Career Pipeline, the Kuder Inventories, Career Days, and Student/Parent enrollment night.

**Mrs. Linda Thurston** • Teacher, USD 288 Central Heights, Richmond, KS [BLOG POST](#)

**Mrs. Ann Collins** • Principal, USD 288 Central Heights Elementary, Richmond, KS

### H5 FORT WORTH BALLROOM 1/2

#### A Vision for the 21st: Industry and High School Collaboration in Optics

East High School is an urban high school in Rochester, NY that is collaborating with local optics companies to help meet the high demand for optical technicians in the local economy. With state grant money, the school has created two lab spaces where students may learn ophthalmics (making prescription glasses) or precision optical fabrication (machining precision lenses for telescopes, cameras, etc) using the machines and instruments found in industry. High school courses designed with input from local experts can simultaneously help students and the local economy succeed.

**Mr. Paul Conrow** • Science Teacher, Rochester City School District, Rochester, NY

**Mr. Logan Newman** • Science Teacher, East High School, Rochester, NY [BLOG POST](#)



## H6 FORT WORTH BALLROOM 3

### Preparing a Globally Competent Workforce: Resources and Strategies

During this engaging and participatory session, participants will learn about the importance of global competence to create a career ready workforce. Strategies for making the case in your state will be presented and resources available to teachers interested in adding a global perspective to CTE classrooms will be shared.

**Mrs. Heather Singmaster** • Senior Program Officer, Asia Society, Portland, OR [BLOG POST](#)

**Ms. Jennifer Manise** • Executive Director, Longview Foundation, Falls Church, VA

## H7 TEXAS BALLROOM D

### reVISION – Establishing a Clear Vision for Nebraska Career Education

The reVISION process provides Nebraska schools with the opportunity to analyze and transform their current career education systems to improve their ability to educate a qualified workforce that meets industry needs within an ever-changing economy. Working in collaboration with postsecondary education and regional workforce/economic development leaders, the reVISION process links career educators, school administrators, guidance counselors and industry professionals. Learn how Nebraska Career Education, in collaboration with the Educational Service Units, Partnerships for Innovation, Nebraska Community Colleges, and the Departments of Economic Development and Labor have engaged in a strategic approach for schools to analyze their current career education system and make plans, as needed, for adjustments.

**Mr. Gregg Christensen** • Entrepreneurship and Career Education Specialist-Nebraska Career Education, Lincoln, NE [BLOG POST](#)

## Raffle Drawing!

*Names will be drawn for prizes; the lucky winners must be present to win. Raffle drawing will begin in Texas Ballroom EF at 11:10 a.m.*

## Closing General Session

Texas Ballroom EF

11:10 a.m. – 12 p.m.

## Preparing Millennials for the Workplace

**Mr. Richard K. Delano** • Co-founder of LifeCourse Associates

Understanding today's youth generation: Known as Millennials, they are our newest workers, teachers, voters, military recruits and parents.

- How will we recruit and retain them?
- As Career Technical Education leaders, how are we preparing them to be the workforce we need?
- Can we keep them in our region?
- How can we share the message of Career Clusters® to these individuals in a purposeful way within our existing programmatic structures to prepare them to succeed?



The oldest Millennial is now 31. We know them as our sons and daughters, perhaps as our grandchildren. What you will learn about them as a generation will surprise, intrigue, inspire and inform you.

### Richard K. Delano

Co-founder of LifeCourse Associates, Consulting and Publishing Firm built upon generational analysis of authors William Strauss and Neil Howe.

Publications include: *Generations, the Fourth Turning, Millennials Rising: The Next Great Generation, Millennials Go to College II* and the publication *Millennials in the Workplace*





## Crosswalk Matrix of Breakout Sessions

### Audience Addressed and Session Strand

Representatives of workforce development	Representatives of economic development	State administrators of career technical education	Postsecondary administrators	Secondary administrators	Postsecondary faculty	Secondary teachers	Counselors	Other	Program Session Number	Breakout Session Title
●		●	●	●	●	●	●		A1	Why Career Academies Work
●	●	●	●	●	●	●	●		A2	Vendor Session: "All Really Does Mean All" - The Next Big Challenge Facing Career Clusters®
				●		●	●		A3	Mapping Pathways to Career Success
		●		●			●		A4	Utah's Pathway Completer Tool
		●		●		●			A5	Forming Partnerships to Build Local Capacity for CTE
				●		●	●		A6	CTE Skills in the Common Core State Standards
●		●		●					A7	Monitoring performance of Career Academies
						●	●	Healthcare Industry Professionals	A8	Health Science Activities Across the Curriculum: K-12
●						●	●		B1	Teaching Individualism in a Standardized World: The Creative Brain
			●	●	●	●	●		B2	Criteria for High Quality CTE Programs
		●		●		●			B3	Reviewing and Using Eight Key Indicators of Rigorous Career Technical Education to Improve Programs of Study
●	●								B4	Building Strategic Alliances with Business/Industry, Workforce Development, and Economic Development
				●	●	●			B5	Rigorous and Relevant Technical Writing in the High School
●			●						B6	Case Study: A Model Process for Determining the Viability of a Low-Performing Career and Technical Education Program
			●	●		●			B7	Building Advisory Boards That Matter
				●		●	●		B8	Healthcare 2020: Putting students on the path to success!
				●		●			C1	Making Your CTE Curriculum Accessible to Special Populations
			●	●		●			C2	Business and Industry Partnerships: The Key to High-Quality CTE

# Crosswalk Matrix of Breakout Sessions



Representatives of workforce development	Representatives of economic development	State administrators of career technical education	Postsecondary administrators	Secondary administrators	Postsecondary faculty	Secondary teachers	Counselors	Other	Program Session Number	Breakout Session Title
		●		●			●		C3	"Show-Me" a G.S.O.S. and I'll Be There!
		●	●	●					C4	Teacher Training and Development - Preparing Today's Students!
				●		●	●		C5	Career Guidance: Everyone Has A Role to Play
		●		●		●			C6	Data Mining for Instructional Improvement: CTEDDI
●	●	●	●	●	●	●	●		C7	National Legislative Update
					●	●	●		C8	Interactive Practices that Engage Business Partnerships
			●		●				C9	Financial Education for College Access and Success
●	●	●	●	●	●	●	●		C10	The Adult Career Pathways Training and Support Center (ACP-SC) Webcast Series Presents: Applying Lessons Learned from Career Technical Education to Adult Career Pathways
		●		●		●			D1	Improving the Transition to Teaching for Career/Technical Teachers Entering Through Alternative Routes
●	●	●	●	●	●	●	●		D2	The Career Pathways Effect: Linking Education and Economic Prosperity
		●	●	●					D3	Secrets to Effective Virtual Professional Learning Communities
		●	●	●	●	●			D4	Transitioning to Pathways: 10 Years in the Making
		●	●	●					D5	Business Engagement Strategies-Identifying Career Cluster® Development Through Partnerships
●				●		●			D6	Insurance Education and Career Training for Free
●	●	●	●	●	●	●	●		D7	Introduction to the Common Career Technical Core
		●	●	●					D8	Vendor Session: College Credit for CTE Competency...Available Now!
		●		●		●			D9	Creating Partnerships within Law, Public Safety, Corrections and Security/Internships
●		●		●		●			E1	Business Industry Certification (BIC): CTE Programs that Provide 21st Century Skills
		●		●					E2	Extreme Makeover: CTE Standards Edition



## Crosswalk Matrix of Breakout Sessions

Representatives of workforce development	Representatives of economic development	State administrators of career technical education	Postsecondary administrators	Secondary administrators	Postsecondary faculty	Secondary teachers	Counselors	Other	Program Session Number	Breakout Session Title
●	●	●	●	●	●	●	●		E3	Vendor Session: Effective Strategies for Certifying Career Technical and Workforce Education Students
		●	●	●	●	●			E4	Open Education Resources
		●	●	●	●	●	●		E5	"No More Next Buttons" - Using Simulations in Career and Technical Education through OER
		●	●	●	●	●		Advisory Board Partners	E6	Certifying College and Career Readiness
●	●	●	●	●	●	●	●		E7	Infusing Entrepreneurship Education across the Career Clusters®
●	●	●	●	●	●	●	●		E8	Introduction to the Common Career Technical Core
			●	●			●		E9	Vendor Session: Facilitating Career Success Through One Seamless Pipeline of Comprehensive Solutions
		●		●		●			F1	The Common C.O.R.E.: Concentrating on Reality Education Results & Research
		●		●		●			F2	Food Science as a Secondary Lab Science Class
		●		●		●	●		F3	AP Coursework and Programs Of Study
●	●	●	●	●	●	●	●		F4	Vendor Session: The Cisco Networking Academy: The World's Largest Classroom
●	●	●	●	●	●	●	●		F5	Policy Q & A Session
●	●	●	●	●	●	●			F6	Trends in CTE Data
			●	●	●	●			F7	LPSCS and GPA Resources from the Texas Education Agency and the University of North Texas
●	●	●	●	●	●	●	●		F8	Office Hours: Common Career Technical Core
					●	●			F9	Vendor Session: Getting Started with Java using Alice3
		●		●		●			G1	CTE & the Common Core: A Collaborative Development Process
●							●		G2	Exposing and Engaging Students in Careers
				●		●	●		G3	All on Board the Engine Driving Wisconsin's Career Pathways Initiative!

# Crosswalk Matrix of Breakout Sessions



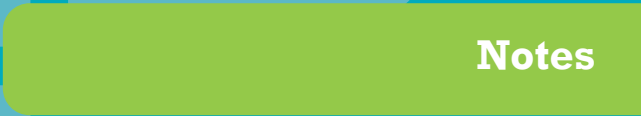
Representatives of workforce development	Representatives of economic development	State administrators of career technical education	Postsecondary administrators	Secondary administrators	Postsecondary faculty	Secondary teachers	Counselors	Other	Program Session Number	Breakout Session Title
		●		●		●			G4	Preparation for Tomorrow: A High School Curriculum Program in 12 Career Cluster® Areas
				●		●			G5	High School Transformation at the Community Level
		●	●	●					G6	Illinois' Regional Network Approach to Professional Development: Raising the Bar
				●		●	●		G7	FREE Resources for Education and Training, Hospitality and Tourism, and Human Services Cluster Teachers!
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