

2016 NCPN Presentations

Thursday 11:00 - 11:45am

Grand Ballroom 2

1-10 / 1-6

PS / AW

OCTAE presents: Up-to-Date with DATE

FEATURED: Leaders from the U.S. Department of Education's Office of Career, Technical, and Adult Education (OCTAE), Division of Academic and Technical Education (DATE) will provide the latest information about initiatives underway and new initiatives planned for the upcoming year. They will share information about Perkins legislation and the Workforce Investment and Opportunity Act (WIOA). Finally, they will provide an opportunity for state and local practitioners to ask questions about any aspect of their Career Pathways systems and CTE programs. **Robin Utz, Sharon Lee Miller**, U.S. Department of Education, OCTAE, Washington, DC

Room 309/310

2 / 2,3,4

SB / AEW

Technical Education and Training as a National Competitiveness Strategy

FEATURED: As stated by the World Economic Forum, "competitiveness" is a key driver for sustaining prosperity and raising the well-being of the citizens of a country. The presenter will highlight the positive impact on a Nation Competitiveness Index of its capacity to develop skills and innovation capabilities for its human capital. The relevance of technical education and training programs, backed by strong public-private collaborative partnerships, will be strongly emphasized. Attendants will take home a set of practical ideas ready to be adapted for implementation. **Catherine Piña**, Iniciativa Empresarial para la Educación Técnica, Santo Domingo, Dominican Republic

Room 104

2,3,6,7,9,10 / 1,2,3,6

PSB / CFAEW

Defining the Pipeline to Public Service: The Jack Singley School of Law and Public Service

CP PARTNERSHIP EXCELLENCE AWARD 1ST PLACE WINNER: The Jack Singley Academy is a comprehensive high school in Irving, Texas. The Academy's School of Law and Public Service serves approximately 400 students in five programs of study: Law, Law Enforcement, Firefighter, Cyber Security, and Homeland Security. Industry leaders throughout the community designed a model program that has produced a pipeline for future employment in law enforcement and the public service sector in Irving. Join us to learn more about this award winning program! **Shawn Blessing**, Irving Independent School District, Irving, TX

Room 304/305
1,2,3,6,7,8,10/1,3,4,5,6
PS / CFAW

Postsecondary Challenge Assessments as Part of the Credit Transfer Mix from Secondary

Early college credit in CTE is normally facilitated by either dual/concurrent enrollment or credit by assessment. What topics should be examined by both secondary and postsecondary institutions as they consider challenge assessments for the awarding of early college credit? What are postsecondary statewide or system challenges?
John Townsend, Tennessee Board of Regents, Nashville, TN

Room 209
1,3,4,5,8/2,3,5
PS / CFAW

Pathways to Prosperity: Preparing for Life Beyond the Classroom

KUDER: This session will provide details about the positive effects of implementing an education planning and career development system designed for all ages. Attendees will gain insight about strategic action steps to consider (including professional development options) when developing plans for preparing students for college and/or careers. **John Milroy**, Kuder, Inc., Adel, IA

Room 105
1,4,5,6,8,10 / 5,6
PS / CFA

Disparities in Math Preparation for STEM with Equity-Focused Policy Recommendations

Presenters will share findings on demographic and geographic disparities among students who take algebra by 8th grade. They will also discuss the impact of advanced math coursework on students' ability to pursue high-skill, high-wage careers in STEM and will provide equity-focused policy recommendations for math preparation for the STEM pathway. **Christine Bailie**, **Amy Wiseman**, E3 Alliance, Austin, TX

Room 101
/1,2,3,6
AB / AEW

Career Pathways for Adults: Who's Driving in Colorado?

ADULT ED: As legislation continues to identify Career Pathways as an effective strategy for helping learners achieve economic self-sufficiency, many are asking how to "get on the road." Learn how adult education in Colorado has become a driver of the Adult Career Pathways vehicle and why other WIOA partners are coming along for the ride. **Jennifer Jirous-Rapp**, Colorado Dept of Education, Denver, CO; **Fred Franko**, Colorado Department of Labor and Employment, Denver, CO

White River B
1,2,4,6/1,2,3,4,5,6
PSAB / FAEW

Moving from Strategic Initiative to Sustainability: Ten Years of Oregon Career Pathways

Oregon has developed a robust Career Pathways system over the past ten years. The past two years have focused heavily on sustainability. This presentation will provide an overview of Career Pathways in the state, with special focus on steps taken to ensure sustainability. **Ali Mageehon**, Portland Community College, Portland, OR

Room 103
2,5,9/1,2
PSB / FAEW

Integrating Preengineering Concepts into Transportation, Distribution, and Logistics

Attend this session to learn how to design programs and create intriguing student activities. Gain access to free Internet-based, problem-based learning for transportation, distribution, and logistics lesson plans that emphasize the common core. Find out how you can become a part of the National Network for Transportation Workforce, which is supported by the USDOT. **Frances Beauman**, Transportation Careers: A Resource for Teachers, Springfield, IL

Grand Ballroom 3
2,3,6,8 / 2,3,4
PSB / CFAEW

Scaling Registered Apprenticeship-Based Pathways for Sustained Impact

NSF ATE: Registered apprenticeships offer a pathway for students to earn stackable academic credentials and portable, industry-valued credentials. A representative of the SMART Center and partners from industry and education will share takeaways from the Maritime Technologies pathway, which has proven to increase targeted population enrollments, completions, and credential attainment. **Barbara Murray**, SMART Center, Virginia Beach, VA; **Craig Hill**, Portsmouth Public Schools, Portsmouth, VA; **Sarah Kay Janes**, San Jacinto College, Pasadena, TX; **Brad Mason**, AMSEC LLC, Virginia Beach, VA; **Kipp Snow**, Anne Arundel Community College, Arnold, MD; **Guy St. John**, Oceaneering International, Chesapeake, VA

Room 308
2,3,6,7,8/1,2,3,4,5,6
PS / CFA

Creating Pathways with K–12 Collaborations and Academy Programs

Northcentral Technical College, in partnership with local school districts, has developed High School Career Pathways Academies to increase the pipeline of students enrolling in the college. Join us to hear best practices and lessons learned through implementation of these innovative collaborations with our K–12 partners. **Sarah Dillon**, **Tracy Ravin**, Northcentral Technical College, Wausau, WI

Room 102

2,5/2

PSAB / FAEW

Maximizing Your Relationship with Business: Five Ways They Can Help You

NSF ATE: Assembling a council of business partners is only the first step in using their know-how to strengthen your program. Participants will learn five ways to get the most of their business groups, including job skills validation, virtual internships, student presentation review panels, guest speaker opportunities, and quarterly trends discussions. **Ann Beheler**, National Convergence Technology Center, Frisco, TX; **Matt Glover**, Le-Vel Brands, Frisco, TX

Grand Ballroom 1

2/1,2,5,6

PSA / W

Integrating Work-and-Learn Opportunities into Indiana's Career Pathway Systems

ADULT ED: Since the great recession, unemployment among Indiana's youth and young adult population (1.2 million people) has been higher than among the general population. To address this issue, Indiana is working to define, elevate, enhance, scale, and measure work-and-learn opportunities for secondary, postsecondary, and adult students. This is a cross-agency effort that focuses on high-demand STEM occupations. This session will feature internship/apprenticeship models for high school, postsecondary, and adults. **Leslie Crist**, **Brianna Morse**, Indiana Department of Workforce Development, Indianapolis, IN

White River A

2/2

PSB / CFAEW

K-14: Partnership to Accelerate Educational Attainment and Address the Skills Gap

According to Manpower (2013), 39% of U.S. businesses cite difficulties finding qualified skilled workers. Attendees will learn about an innovative partnership and career pathway alignment between K-12, postsecondary, and business/industry leaders that is accelerating students' educational attainment and creating a talent pipeline for key employment sectors. **Kathleen Mote**, Ivy Tech Community College, Madison, IN; **Katie Jenner**, Madison Consolidated Schools, Madison, IN

Room 314

2,5,9/1

PSA / CFAEW

GeorgiaBEST: Getting the Soft Skills

Want to help your students get hired and keep their jobs? Be successful in college? Then come to our session to learn how to integrate soft skills training into your classroom. The soft skills standards, developed by the Georgia Department of Labor in response to employer needs, address skills such as punctuality, communication, responsibility, and work ethic. **Jessica Nguyen**, Georgia Northwestern Technical College, Rome, GA

Room 302/303
2,3,4,5,8/1,2,3
PAB / CA

Florida Integrated Career and Academic Preparation System (FICAPS): Success Through Partnership and Collaboration

ADULT ED: FICAPS was created by the Florida Department of Education to promote the implementation of the I-BEST* model of education in our state. Our panel will discuss how Miami Dade College and industry partners are implementing a program that integrates academic and occupational instruction, contextualized curriculum, career guidance, and support services for our eligible students enrolled in GED preparation. **Sherry Joseph, Jenifer Bravo, Teresa Gonzalez, Nicky Salazar**, Miami Dade College, Miami, FL; **Lucia Soria**, RAMTECH Construction, Miami, FL

Grand Ballroom 4
3,9/3,5
PSA / CFA

Making Literature Work in a College Classroom

Attendees will leave this presentation inspired to create new content for their courses that aligns with SLOs of their institutions but incorporates exciting ways to include literature. **Matthew Dye**, Sowela Technical Community College, Lake Charles, LA

Room 208
5/
PSA / CFAEW

The Fifth Element: College and Career Ready Standards

What are colleges and employers expecting students/learners to know and be able to do? In this interactive session, we will answer this question as we review one of the essential elements of a high-quality, comprehensive program of study. In addition, participants will analyze how they can implement resources in their classrooms to help their students/learners attain the knowledge and skills colleges and employers are looking for. **John Balentine**, AZ DOE/Adult Education Services, Phoenix, AZ; **Kay Schreiber**, AZ DOE/ESS and CTE, Phoenix, AZ

White River C
8/3
PA / CFAEW

Empowering Students Through Proactive Coaching

Learn how a TAACCCT grantee is using a proven coaching model that focuses on empowering students to make informed decisions. This model uses active listening/relationship management to engage students and assist them in developing the habits they need for long-term success in the workplace and in life. **Susan Svane, Belinda Perez-Hernandez, Rebekah Samaniego, Maria Aurora Villamater**, North Central Texas College, Gainesville, TX

White River D

9/3

PS / FA

Why Schools and Wearable Technologies Go Together Like Peanut Butter and Chocolate

TECHNOLOGY: We've all seen how wearables have become trendy and popular. This session will describe some of the current wearable technology as well as what will hit the market in the near future. More importantly, learn how this technology may solve some of the trickiest problems educators face. Schools will love wearables! **Jeannie Justice**, Morehead State University, Morehead, KY

Thursday 1:15 – 2:00pm

Grand Ballroom 2

5,9/3

PSB / CFAEW

Give Employers What They Want: Work Ethic

FEATURED: No matter what sector or region, employers are increasingly hiring talent based on soft skills such as attitude and ambition, with nearly nine out of ten saying the most important factor in hiring is the candidate's work ethic. The challenge is that less than one candidate out of five has these skills. Attendees will leave the session with an understanding of the causes and impacts of the work ethic gap in America, and at least three actionable tactics for developing these critical skills in others. **Josh Davies**, The Center for Work Ethic Development, Denver, CO

Room 309/310

1,2,3,4,6,7,8/1,2,4,5,6

PSAB / CFAEW

Sustaining Career Pathways System Development Efforts

Sustainability efforts should be integrated into Career Pathways system development and implementation efforts from the outset to ensure systems are robust and positioned for longevity. Attendees will consider key steps for putting Career Pathways into operation and a checklist of action items to assess the status of sustainability efforts. **Steven Klein**, RTI International, Portland, OR; **Debbie Mills**, National Career Pathways Network, Waco, TX

White River A

1,4/5

PS / CFA

Friendly Federal Audits: Assistance We Can All Utilize

In this session participants will review these topics: • How the federal audit process shows where your state is doing well • Focus on legislative practices that are beneficial to all groups and programs of study • Success of concentrators with retention, employment, degrees, certification, and non-traditional students • Local applications and special populations. **Michael Tinsley**, Tennessee Board of Regents, Nashville, TN

White River C

2/1,2,4,6

SB / CFAW

Building Collaborative Partnerships That Work

Attendees will learn how to build collaborative relationships between school districts, technical colleges, workforce development councils, and local businesses and industries to meet the critical needs of employers. Learn how this results in student success and a well-prepared workforce. **Jennifer Burt, Otis Grayson, Stephanie Grayson**, Butler County Board of Education, Greenville, AL

Grand Ballroom 3

2,5/3,4

PSB / CFAEW

This Is Not Your Typical Career Fair

How do you get juniors and seniors to make meaningful connections with local businesses? Nearly 100 businesses spent time sharing their stories with more than 1400 students who selected career interests matched to local business professionals. The connections made led to continued mentorship, job shadowing opportunities, internships, and employment. **Mary Riepenhoff, Kelli Tebbe**, Auglaize Co. Educational Service Center, Wapakoneta, OH; **Karen Rose, Shelly Vaughn**, Mercer Co. Educational Service Center, Celina, OH; **Tori Vaughn**, Student, Fort Recovery, OH; **Jared Ebbing**, Mercer County Community Development, Celina, OH

Room 102

2,10/2,3

PAB / CFAEW

Getting People in the Right Jobs: Certification and Technical Assessment

NSF ATE: Now more than ever, employers are looking for a skilled workforce. There are many certifications and technical skill assessments that will give potential employees an edge over other candidates. Learn about how these assessments and certifications can be utilized with individuals looking for employment and businesses looking for employees. **Anne Gielczyk**, Nocti Business Solutions, Big Rapids, MI; **Danine Tomlin, Craig Hopkins**, AMTEC, Versailles, KY

Room 308

2,3,8,9,10/1,2,4

PS / CFAEW

Creating the Ripple Effect: Student Mentorship Through NASA Student Projects

Attendees will learn how a small group of community college students worked to mentor local youth in robotics through a NASA-funded grant. The students will share their experiences in the projects and events they hosted. Attendees will leave with information on how they can develop robotics teams in their areas. **Shawn Payne, Sean Dysinger, Sydney Rice, Cameron Rowell**, Owensboro Community and Technical College, Owensboro, KY

White River B
2,5,6,10/1,2,3,4,5
PSAB / FAEW

A Winning Team! Education, Industry, and Government Partnering to Grow STEM Workforce

ADULT ED: Antelope Valley’s aerospace industry needs qualified workers. Northrop Grumman received a contract adding 6500 jobs. Attendees will learn how AVHSD, AVCollege, Northrop Grumman, Palmdale, and WorkSource are partnering on pathways for these high-wage jobs. This model can be replicated in other industries and locations. **Elizabeth McKinstry**, Antelope Valley Union High School District, Lancaster, CA; **Joel Morgan**, WorkSource of California, Palmdale, CA

Room 101
2,5/2
S / CFAEW

Onboarding Work-Based Learning Students in the Manufacturing Sector: A Best Practice

Engaging local employers in the transition of high school students to the world-of-work has been a rewarding experience. Through the Youth CareerConnect Program and the development of relationships involving schools, parents, students, and employers, the implementation of a work-based learning student experience has emerged into a “best practice.” **Janice Bailey, Rodni Lytle**, Ivy Tech Community College – Kokomo Region, Kokomo, IN

Room 105
2,3/1,2
PSAB / CFAEW

(STEM) Skeptical Thoughts to Emerging Minds: Dispelling Myths and Building Partnerships

NSF ATE: Having a STEM background can open many doors for you in the workplace. In fact, advances in technology have created increasing opportunities that require a working knowledge of science, technology, engineering, and math. This program explores the myths and truths of employment in STEM fields. This session will also provide the principles of developing a local industry internship consortium that can benefit students and your organization in the long term. **Richard Roberts, Emery DeWitt, Elaine Craft**, South Carolina Advanced Technological Education Center of Excellence (SC ATE), Florence, SC

Room 209
2,6,7,10/3
PSB / CFAEW

Building the Next Manufacturing Generation Workforce from 10th Grade to Employment

Learn how two economic development boards, numerous area manufacturing companies, and one community college joined forces to develop a pipeline that provides high school students the opportunity to complete dual-credit courses in high school and earn manufacturing-specific training. **Paula Cavender**, Grayson College, Denison, TX; **Anna Hicks**, Grayson College, Center for Workplace Learning, Denison, TX

Room 106
3,5,8,9/3,5
S / CAW

Facilitating Workplace Readiness Skills for Secondary Students

This session will introduce a team-based approach to helping secondary students acquire employment skills. Topics will include reading with purpose, fundamental math and measurement, writing for effect, team skills, work ethic, and personal finance. **Rod Boyes**, Melior-Delaware, Inc., Birmingham, AL

Room 304/305
3/3,5
PSA / A

Preparing a New Generation of CTE Leaders

Topics covered in this session will include: How and why the California Department of Education created a professional development opportunity to transition teachers from the classroom to CTE administration • Training modules designed to support CTE program operation • Connections between CTE and college and career readiness. **Paul Watters**, Butte County Office of Education, Chico, CA

White River D
5,6,8/
PSAB / CFAEW

Alamo I-BEST: The Student's Unique Journey Through Career Pathways

ADULT ED: Learn the nuts and bolts of Alamo I-BEST, this year's National Bellwether Workforce Development award winner. The focus of Alamo I-BEST is a solution for students who score below developmental education academic levels. The underpinning factor is the extensive support services facilitated by the Career Navigator. Find out what makes an effective sequence of courses for low-skilled adults and out-of-school youth and who becomes an effective Career Navigator. **Melissa Sadler-Nitu**, Alamo Colleges, San Antonio, TX

Room 302/303
5,9/3
S / F

Using Case Studies to Link Common Core State Standards (CCSS) to Health Care Classes

Attendees will learn how to use case studies to connect common core standards to health career classes. Skills addressed will include critical thinking, summarizing, and connecting content to real-world situations. **Mary Gray**, **Jeff Bonomo**, Rich Central High School, Olympia Fields, IL; **Hope Stovall**, Richtownship HS District 227, Matteson, IL

Grand Ballroom 1
9,10 / 3,6
PS / FAEW

Necessary Skills Now: Infusing Employability Skills into Mechatronics and Cybersecurity Programs

Employers value the technical skills of new employees but are often unimpressed with their soft skills, such as teamwork, dependability, and ethics. These topics should be taught in the classroom, but teachers have little

room for them in existing programs. This project is bringing teachers and employers together to develop ways to infuse six targeted employability skills into existing course lessons and projects in two cutting-edge programs: advanced manufacturing (aka, mechatronics) and cybersecurity. (This project is a collaboration involving CORD, CSSIA, SC ATE, and FLATE funded by NSF DUE-1501990.) **John Chamberlain**, CORD, Waco, TX; **John Sands**, CSSIA, Palos Hills, IL; **Marilyn Barger**, FLATE, Tampa, FL; **Rick Roberts**, SC ATE, Florence, SC

Room 103

7/5

PSA / A

Ohio's Statewide Career Technical Credit Transfer Framework: Providing Statewide Options for Student Articulation in All National Career Clusters

ADULT ED: Ohio has created a statewide system of transfer and articulation for secondary and adult career technical students. The system is supported by legislation, institutional stakeholders, cross-agency collaboration on standards and testing, and, most importantly, faculty. This session will share information on the structure of Ohio's system, along with successes achieved and challenges encountered. **Jamilah Tucker**, Ohio Articulation and Transfer Network, Columbus, OH

Grand Ballroom 4

9

PS / CFA

Hey N00B You've Been PWNED by the L33T SMH LOL: How to Talk to and Teach a Generation of Gamers

TECHNOLOGY: Do you speak gamer? Video games have become ubiquitous, shaping how our kids interact with content, and creating a billion dollar industry. But how do we teach to the gamer generation? In this session, we will discuss the ramifications in education and what we need to do to prepare for this wave. Using gamification, digital assets, videos, awards, badges, abundant assessments, and leveling up, we must transform the classroom into the gaming arena. As a digital immigrant, learn how to speak to digital natives and see what compels them to achieve three-star mastery in Angry Birds. **Nai Wang**, KP Education Systems, Phoenix, AZ

Thursday 2:15 – 3:00pm

Room 203/204

2,3,6,7,9,10 / 3,6

PA / FAW

The Lumina Connecting Credentials Framework: A Proficiency Reference Process for Program Development

FEATURED: Attendees will be introduced to the Connecting Credentials Framework, a reference tool for guiding the development of learning sequences and comparing and contrasting courses, credentials, and assessments. Attendees will also be able to select from a guidebook relevant guides and processes for using the Connecting Credentials Framework. **David Wilcox**, Global Skills Exchange Corporation, Alexandria, VA

Grand Ballroom 2**1,2,3,4,5,6,8,9,10/1,2,3,4,5,8****PA / CFAW****Every Community Has Returning Offenders—Every College Needs Prison-to-Career Pathways**

Regardless of whether a college has a prison within its service region, the reality is that every college has uneducated and career-less offenders returning to their communities every month. This forum presents specific steps for colleges to take in formulating education and career development programs in prisons and for returning offenders. **Peter Moote**, New Careers Development Campaign, Seattle, WA

White River A**1,2,3,5,6,7,8,9,10/1,2,3,4,5,6****PSB / CFAEW****Computer Science for ALL: A National Movement**

NSF ATE: Computer Science for All is the President's bold new initiative to empower all American students from kindergarten through high school to learn computer science and be equipped with the computational thinking skills necessary to be creators in the digital economy, not just consumers, and to be active citizens in our technology-driven world. This session will feature a panel whose members will discuss options for making this a reality. **Deborah Boisvert**, BATEC, Boston, MA

Room 304/305**1,3****PA / CAEW****Developing Career Pathways in the Age of WIOA**

This workshop will provide an overview of the Career Pathways requirements of WIOA, a walk-through of the Department of Labor's Career Pathways Took Kit, and examples of successful models of Career Pathways from around the country. **Mitch Rosin**, Aztec Software, New York, NY

Grand Ballroom 3**1,2,3,5,6,7/1,3,5****PS / CFAEW****Collaborative Practices for Developing and Promoting Pathways**

Participants will learn about the collaborative practices used at Houston Community College to develop strong relationships with area school districts and bring focused, clearly identified dual-credit pathways that align with the Texas Career Endorsement areas. **Catherine O'Brien, Madeline Burillo**, Houston Community College, Houston, TX

Room 201/202**2,6,7/1,3,4****PS / CA****Utilizing Career Pathways to Strengthen College and High School Partnerships**

Gateway Technical College serves 13 public school districts in three counties in SE Wisconsin. The needs and understanding of Career Pathways systems are different in each district. Attendees will learn best practices from college staff members who focus on pathways and a high school partner with many years of experience working within a Career Pathways-focused high school. Information will include dual credit opportunities developed and

alignment of academic programs from high school to college. **Jane Finkenbine**, Gateway Technical College, Racine, WI; **Jaime Spaciel**, Gateway Technical College, Kenosha, WI; **Chris Neff**, Racine Unified School District, Racine, WI

Room 308
2,3,5,9 / 2,3,5
PS / FAEW

Advanced Careers: Doing for CTE What AP Did for Academics

Advanced Careers is the result of a unique partnership between SREB, state departments of education, postsecondary partners, and workforce leaders to develop new Career Pathway Programs of Study that prepare students for both college and careers. These new four-course sequences are in areas such as informatics, global logistics, aerospace engineering, and clean energy technology. **Scott Warren**, SREB, Atlanta, GA

White River B
2,5,8,9/1,2,3
PSAB / CFAEW

Middle College: Industry Pathway Programming Earns High School Seniors College Credit, an Industry Credential, and an Internship

Attendees will learn about a partnership between Workforce Development of South Central Wisconsin, Madison College, and numerous K-12 school districts that allows WIOA-eligible high school seniors an opportunity to attend cohort classes at Madison College that count toward high school graduation and lead to industry-recognized college credentials. **Lisa Hollman**, Madison College, Madison, WI

Grand Ballroom 4
2,3,4,5,8,9/2,3,5
PSAB / CFAEW

Living MiDream: Where Talent and Passion Intersect

Experience the process and tools used to engage students in discovering their innate talents and exploring career pathways. This interactive session will engage attendees in a research-based process that helps students develop reflective thinking, build strong communication skills, expand awareness of social-entrepreneurship, and engage in digital storytelling. Combining the use of technology and S.E.L. connections, MiDream engages students using a high-tech/high-touch process that builds reflective thinking, promotes goal setting, and is a motivating tool linking schoolwork with Career Pathways. **Carol Navarro**, Newark Community High School, Newark, IL; **Marie Strejc-Wood**, Oswega High School, Oswego, IL; **Hannah Riehle-Moeller**, Joliet Junior College, Millbrook, IL

Room 104
2,5,6,9,10/1,2,4
PAB / CW

JumpStart: Changing Student Lives and Responding to Industry in Nine Weeks

ADULT ED: Learn about a truly collaborative program that brings students from welfare to a family-sustaining wage in nine weeks. JumpStart braids funding to train helpers in millwright, pipefitting, and industrial electricity and involves the collaboration of Brazosport College, the Workforce Solutions office, nonprofits, and industry. **Anne Bartlett**, **Beth Cassidy**, Brazosport College, Lake Jackson, TX

Room 103

/1,2,3,4,5,6

PSAB / CFAEW

Industry-Driven Workforce Solutions: Career Pathways in the Mahoning Valley

When manufacturers in the Mahoning Valley came together to address their critical talent shortage, they knew they had to collaborate not only with each other, but also with education and workforce development. Join us to hear from the staff and educators who created and implemented a system-wide career pathway. **Jessica Borza**, Mahoning Valley Manufacturers Coalition, Youngstown, OH; **Ronald Iarussi**, Mahoning County Career and Technical Center, Youngstown, OH

Room 105

2,3,9/1,2,3

PA / CFAW

Indiana's ESL Pro Project: Preparing Adult English Language Learners for Work and Career Pathways

ADULT ED: In 2015–2016 Indiana's adult education network was provided technical assistance to improve its capacity to serve adult English language learners under new WIOA requirements. Come learn about the project's goals, implementation, and results, along with future plans for improving connections between English language acquisition programs and regional Career Pathways initiatives. **Amanda Brewer**, Indiana Department of Workforce Development, Indianapolis, IN

Room 309/310

2,6,8/3

PS / FAEW

Modern Manufacturing Work Study (MMWS): Leveraging Partnerships to Meet Industry Needs

The presenters will provide an overview of the partnership involving Columbus State Community College, Honda, and Worthington Schools. Participants will learn the unique features of the MMWS model and will gain an understanding of how partners recruit students and industries to participate in the program. Attendees will gain insights from lessons learned. **Dick Bickerstaff**, **Nichole Braun**, Columbus State Community College, Columbus, OH; **Scot McLemore**, Honda North America, Inc., Marysville, OH

White River C

2,3,6,7 / 3

PS / CFA

Stackable Credentials: A Pathway to Success

This presentation will showcase the stackable credentials that have been created under Arizona Program of Study and the process for creating them. Stackable credentials are a pathway for students to follow from school to work. Attendees will be given samples of marketing materials for programs of study and sample stackable credentials, and will take away a clearer knowledge of first steps in creating stackable credentials. This presentation is recommended for those in the very beginning stages of creating Programs of Study, Career Pathways, or Stackable Credentials.

Michelle Conner, Peoria Unified School District, Glendale, AZ

Room 102

3,6,9/4

S / FA

Use App Inventor to Increase Student Enrollment in Your Programming Pathway

TECHNOLOGY: Implement the free Android App Inventor platform to create apps while increasing student interest in programming—particularly among females—and creating paid opportunities for student entrepreneurs. See how it can be used to draw students further into your pathway by applying it to the real world. **Scot McAtee, Jeremy Wescott, Jenny Rios**, Twin Lakes High School, Monticello, IN

Room 302/303

5,8/3

S / CFAE

Career and Academic Planning (CAP) Advisor Model

The presenters will outline the 5-year comprehensive process used to assist each of the 1200 Emporia High School students with his or her career and academic planning (CAP). The model incorporates a CAP curriculum, scheduled student/parent/teacher advisor conferences, and individual course enrollment meetings with a guidance counselor. **Joy Haegert, Carolyn Lee, Trevor Matthews**, USD 253 Emporia High School, Emporia, KS

Room 101

2,5,6,7/2,3,5

PSAB / FAEW

Middle School to Middle Skill Manufacturing Career Pathways in Florida

NSF ATE: The presenter will share information about seamlessly aligned manufacturing programs in Florida that include middle school, high school, technical colleges and Florida state/community colleges. Strategic initiatives with curriculum frameworks alignment plus statewide articulations using industry credentials support the pathways, providing many opportunities for students to continue their education and career advancement. **Marilyn Barger**, Florida Advanced Technological Education Center of Excellence (FLATE), Tampa, FL

Room 205

4,10/6

PS / CFA

Driving CTE Excellence Through High-Quality Credentials and Certifications

CTE professionals are tasked with wading through ever expanding credential options for their programs. Understanding that a high-quality credential should provide more than a pass/fail listing and must support data-driven instruction helps practitioners identify the best options. This session will explore certification history and quality and the perspective of industry. **John Foster**, NOCTI, Big Rapids, MI

Grand Ballroom 1

9/3

PSA / FA

The Other Side of Flipped Instruction: Creating Interaction Inside the Classroom

TECHNOLOGY: Although “flipped instruction” (a.k.a. “flipped classroom”) is one of the new buzzwords in education, you may not realize that the goal of flipping instruction is to create high-level student interaction

inside the classroom. This session will focus on technology tools that can help instructors increase interaction in their classrooms. **Jeannie Justice**, Morehead State University, Morehead, KY

Thursday 3:30 – 4:15pm

Grand Ballroom 2

1,2 / 1-6

PAB / AEW

Career Pathways: The New Way of Doing Business

FEATURED: The Career Pathways concept has evolved from a best practice to a core function of state and local workforce development boards under the Workforce Investment and Opportunity Act (WIOA). The Department of Labor has joined several other federal agencies in developing a common framework for guidance and assistance to state and local areas that are building Career Pathways systems. This session will provide the federal perspective on Career Pathways, share information about current technical assistance efforts, and update attendees on available resources. **Robin Fernkas**, U.S. Department of Labor/ETA, Washington, DC; **Debbie Mills**, NCPN Director and DOLETA SME, Waco, TX

Room 103

1-10 / 1-6

PSAB / CFAEW

12 For Life: A School-Business Partnership for “At-Risk” Students

CP PARTNERSHIP EXCELLENCE AWARD HONORABLE MENTION: Attendees will learn how a business and school system can collaborate to develop winners by maximizing student potential and equipping students with a strong work ethic. They will learn behavior modification strategies—teaching practices that instill in students an understanding of how to become promotable, independently productive employees. These characteristics transfer from the programs in which they are taught into the broader school setting. As a result, students are invested in their school and career success. **Corey Behel**, **Darrin Lett**, Florence City Schools, Florence, AL

Grand Ballroom 1

PAB / CFAEW

The Skills Gap Is Over

GENERAL SESSION SPONSOR: In this presentation we will share how states have worked with 180 Skills and significant industry partners to develop and deliver competency-based, open enrollment/open exit education to help learners get great careers. **Joseph Kitterman**, 180 Skills LLC, Indianapolis, IN

Room 104

1-10 / 1-5

PSB / CFAEW

Catapult: Regional Employer Sector Strategy to Launch Advanced Manufacturing Career Pathways

Students from Scottsburg and Austin High School will not only be graduating high school, but they will also be completing college courses thanks to a dual-credit program offered by Ivy Tech Community College of Indiana.

Students enrolled in Advanced Manufacturing (ADMF 101 and 102) and Welding (WELD 108 and 206) classes are able to spend a portion of their school day at Mid-America Science Park. Students gain six college credits as well as four certifications from the MSSC including Safety, Quality Practices Measurement, Manufacturing Processes and Production, and Maintenance Awareness. **Justin Westmoreland**, Mid-America Science Park (MASPark), Scottsburg, IN; **Kyle Mullins**, Scottsburg High School, Scottsburg, IN

Room 102

1,2,3,4,5,6,7,9,10/1,2,3,5,6

PS / CFAEW

CTE Program Alignment: Increasing Student Transition to Postsecondary

Technical Programs

Attendees will leave with an in-depth understanding of the process being used in Idaho to align CTE programs. Idaho is in its third year of an alignment process that uses postsecondary and secondary instructors, along with industry partners, to establish secondary program content standards and student learning outcomes; establish capstone student assessment criteria through industry-involved criticality surveys; and determine statewide technical competency credit offerings through alignment of first-semester program outcomes at the postsecondary level. **Steve Rayborn, Susan Johnson**, Idaho Division of Career and Technical Education, Boise, ID

Room 304/305

1,2,6,7,8/1,2,3,4,5

PSAB / CFAEW

JumpStart: Developing Career and Technical Pathways at Southern University at Shreveport/Parish Schools

Conference attendees will learn about Louisiana's new JumpStart Program. JumpStart is a series of career and technical education pathways. Attendees will also learn how Southern University at Shreveport is working with public schools to develop career and technical pathways for the new JumpStart Program. **Terence Vinson, Janice Sneed**, Southern University at Shreveport, Shreveport, LA

Room 101

1,2,8,10/1,2,3,5

PSAB / CAEW

Building Industry-Driven Career Pathways Systems in Colorado

Industry-driven Career Pathways ensure that education, training, and workforce systems stay deeply attuned and responsive to the needs of labor, preparing students and workers with the skills and credentials needed for careers. Learn promising practices related to work experience programs, best models, and recommendations on replicating successful programs. **Thomas Hartman**, Colorado Workforce Development Council, Denver, CO; **Jo O'Brien, Jennifer Jasinowski**, Colorado Workforce Development Council, Denver, CO

Grand Ballroom 4

1,2,3,4,8,9/1,2,3,4,5,6

PSAB / AW

Getting the Right People on Your Partnership Bus and Keeping Them There

Building a statewide Career Pathways system requires cross-agency partnerships. This means more than just getting the agencies involved. Building a sustainable statewide system requires doing meaningful work and

getting and keeping the right people over the long term. Learn about Wisconsin's approach to this vital element in systems building. **Carolyn Peckham, Willa Panzer, Scott DuBenske**, Wisconsin Technical College System, Madison, WI

White River A

1,2,5,7/2,3,5

PAB / AEW

Creating Guided Pathways into Middle-Skills Retail Employment from the Community College

The creation of pathways that enable diverse learners to enter and move through postsecondary education and obtain family-supporting employment is a matter of great importance to educators and employers across the nation. In this session, representatives of four colleges will discuss the work that they have done to create a guided pathway for their students into middle-skills retail positions with local employers. The session will focus on curriculum development and instruction, engaging retail partners, and lessons learned. **Samaad Keys**, Achieving the Dream, Inc., Silver Spring, MD; **Kimberly Moore**, Tallahassee Community College, Tallahassee, FL; **Darlene Bullock**, Durham Technical Community College, Durham, NC; **Stephanie Etter**, Broward College, Fort Lauderdale, FL; **Martha Joyce-Test**, Umpqua Community College, Roseburg, OR

White River D

2,3,5,6,8,9,10/1,2,3,5,6

PSAB / CFAEW

Reflecting on the Past, Directing the Present, and Facing the Future for Adult Education Students

ADULT ED: This session will address the unique needs of adult education students and will include a variety of strategies on how to motivate and transition these students into postsecondary vocational and technical classes that will significantly impact their education and future. **Barbara Clift, Cynthia Brown**, Brevard Public Schools Office of Adult and Community Education, Titusville, FL

Room 309/310

2,3,5,6,7,9,10/1,2,3,4,6

PSB / CFAEW

Creating a Recipe for Success: Engaging Business in Student Entrepreneurship

Attendees will learn how to create business relationships that enhance the education of CTE students. Students in our program—the only high school culinary arts program in Michigan to have a food truck, The Fresh & Furious—are learning entrepreneurial skills that will benefit them and the businesses we are partnering with. This program won the 2016 Michigan Department of Education Excellence I Practice Award. **Corbett Day**, Ingraham Intermediate School District/Capital Area Career Center, Mason, MI; **Matthew Baldwin**, Capital Area Career Center, Mason, MI; **Nicholas Rose**, State of Michigan, Lansing, MI; **Steve Stallard**, BLS, Kentwood, MI

Room 205

2,9/5

S / CFA

Ensuring the T and E in the STEM Classroom and Engineering Pathway

Too often what is called STEM instruction focuses exclusively on science (S) and math (M), limiting the opportunities of those in technology (T) and engineering (E) to participate. In this presentation we will focus on a successful high school program that uses all areas of STEM. **Mark Lobes**, Victor J. Andrew High School, Tinley Park, IL

White River C

2 / 1

PSAB / CFAEW

Creating a Common Vision for Regional Work: Human Centered Design at the Core

Learn how R4: Resilient Youth. Ready to Learn. Ready for Work. Ready for Life is creating a consortium for the alternate schools regionally. Attendees will investigate using human centered design to reach across agencies and sectors to build a collective vision. Please join us so we can learn from you. **Chris Boynton**, Alameda County Office of Education, Hayward, CA; **Elisha Smith Arrillaga**, Career Ladders Project, Oakland, CA; **Lucia Moritz**, Oakland Unified Schools, Oakland, CA

White River B

2,5,8,9/3

PSA / CFA

Providing Online Resources to Support College and Career Readiness

Many students are entering college without essential soft skills. How can we help those students in an online format that is engaging, accessible, and trackable? This session will demonstrate how to use online resources to close skill gaps and ensure students succeed in college and the workforce. **Kristen Seldon**, Innovative Educators, Boulder, CO; **Tammi Mckinnon**, **Simon Lucas**, South Arkansas Community College, El Dorado, AR

Room 201/202

2/2

PSAB / CFAEW

Boeing/Industry Internship Project

NSF ATE: The Boeing Company, in partnership with the NSF-ATE Center for Materials Technology Education housed at Edmonds Community College, has developed an educational experiential learning exposure internship (EELEI) program targeted at building technician workforce expertise. EELEI is designed to give students in material science programs experiential training to develop their skills. Come learn how to replicate this model. **Mel Cossette**, **Robin Ballard**, National Resource Center for Materials Technology Education (MatEdU), Lynnwood, WA; **George Parker**, The Boeing Company, Seattle, WA

Room 302/303

5,8,9/3,6

S / CA

Freshman Transition Programs: Making a More Seamless Transition to High School

Freshman transition programs (FTP) ease the transition to high school by giving students the skills, knowledge, practice (relevant, real-world), and relationships to be successful in high school and beyond. Attendees will learn the basic steps of FTP implementation. **Chris Foster**, Derby High School, Derby, KS

Room 203/204

2,3,8 / 3

PSA / CFAEW

Volunteering as a Career Builder

This session will explore ways educators can connect students with local volunteer experiences and show how those experiences can lead to employment, build relationships, and have deeper impact. Attendees will receive a copy of the “Volunteering as a Career Builder” toolkit. **Marc McAleavey**, Serve Indiana, Indianapolis, IN

Grand Ballroom 3

9

PSAB / CFAEW

I have an iPad. Now What Do I Do With It?

TECHNOLOGY: iPads are magical devices, changing the way we educate our students. This interactive presentation will be a beginner’s guide to tablets and how to use them for more than just e-books (and Angry Birds). See how they can be used to create rich, dynamic learning environments. Bring your tablets and share what you have done in your classroom. And show off your iPad-fu to dazzle your students. For beginner to intermediate users. **Nai Wang**, KP Education Systems, Phoenix, AZ

Friday 8:15 – 9:00am

White River G

2 / 1

PSAB / CFAEW

A Community Development Approach to Building a Regional Manufacturing Career Path System

CP PARTNERSHIP EXCELLENCE AWARD HONORABLE MENTION: Learn about a program prototype in Chicago that has created a framework for expanding the secondary career path system in Chicago. The expanded system meets the needs of manufacturers; offers students a foundation to pursue education, training, and employment; and improves communities. **Erica Swinney**, Manufacturing Renaissance, Chicago, IL

Grand Ballroom 2

2,3,4,8,9/1,2,5,6

PSAB / AEW

Customizing Your Pathways Systems for Your Local Needs

While high-quality pathways systems depend on core principles, they should also be customized to address local needs. During this session, Hans Meeder will share examples and stories from local pathway implementation sites in multiple states, showing how the pathways framework can be customized to address local needs and circumstances with an emphasis on pathway design, career exploration, and employer/community engagement. Come with your questions, and also your examples to share. **Hans Meeder**, National Center for College and Career Transitions, Columbia, MD

Room 107

2/1,2

PSAB / CAEW

Indiana's Moving Pathways Forward Project: Setting the Stage for Robust Career Pathways

ADULT ED: Learn how Indiana used assistance from its Moving Pathways Forward project to develop strategies for adult education programs. Get valuable guidance on implementing sector strategies and work-and-learn models. Gain tips on integrating career awareness and occupational skills training in the classroom.

Brenda Johnson, Indiana Department of Workforce Development, Indianapolis, IN

Room 309/310

2,3,4,5,6,8,9,10/1,2,3,6

S / FA

Preparing Teens to Serve: How to Build a Successful Law Enforcement Academy

Attendees will learn: 1. What a youth-related law enforcement academy is and how it differs from other juvenile law enforcement programs; 2. The three essential components of this career academy; and, 3. How to build a solid partnership with one's police department. **Alise Cayen**, Reseda High School Police Academy Magnet, Reseda, CA

Room 304/305

2,3,4,5,6,7,8,9,10/1,2,3,4

PSAB / CFAEW

Employer Engagement: The AMT Program Involves Employers from Beginning to End

This session will present multiple strategies for engaging employers in student learning. Topics will include: student recruitment and orientation, providing work experiences, visiting classrooms, attending milestone presentations, participating in graduation, encouraging further education, and providing careers. **Carol Crawford**, Bluegrass Community and Technical College, Georgetown, KY

Room 308

2,5,7,8/1,2,3

PSB / CFAEW

College Connection Coaches: Helping to Increase College Attainment Rates in Southwest Indiana

Attendees will learn how to create a College Connection Coach program through the partnership of guidance counselors and school administrators. Attendees will also learn how to map out pathways to success for high school students that show students how to utilize dual credits earned in high school and what colleges and programs are most suitable for them. **Rene Hankins**, Ivy Tech Community College, Terre Haute, IN; **Jonathan Weinzapfel**, Ivy Tech Community College, Evansville, IN

Room 302/303

/3

PSAB / FAEW

GeoTech's Competency-Based Geospatial Technology Courses

NSF ATE: This presentation will explore the work of the National Geospatial Technology Center of Excellence in the creation of ten geospatial technology model courses based on research done by the center. Topics will include the creation of a course competency tool that can be used for program or individual assessment. **Vincent DiNoto**, GeoTech Center, Louisville, KY

White River A

2/1,2,3,4

PAB / AEW

Using Evidence-Based Career Pathways with Employer-Defined Career Portfolios for Job Seeker Success

Sourcing and retaining high-quality talent is an issue for every employer. Compounding this issue is a lack of clarity about what employers need. Attendees will learn how to support employers and job seekers alike through Career Pathways and portfolios that are evidence-based and employer defined. **Steven Bennett**, Humanity 2.0, Washington, DC; **Bill Guest**, Metrics Reporting, Inc, Byron Center, MI; **Shana Welch**, Mercy Health – West Michigan, Grand Rapids, MI; **Jessica White-Hattinger**, West Michigan Works, Grand Rapids, MI

Room 201/202

2,5,9,10/2,3

PSAB / CFAEW

Empowering Students to a Better Future through Certification

Your students are the future of healthcare. Do they graduate from your program with a work-ready credential? Over the past year, nineteen states have approved measures or funds to accelerate the attainment of “industry recognized credentials.” Join the NHA as we introduce industry credentials, tools, and resources that assist educators and students. Learn best practices from an instructor who has implemented certifications. Gain insights on how to identify the best certification for your program, the steps to help your student prepare, and how to create curriculum that aligns with the workforce. **Laura Flynn**, National Healthcareer Association, Leawood, KS

White River B

2/2,3,5

PSB / CFAEW

Triangulate the Experience: Career Preparation, Completion, and Workforce Development

Attendees will learn how the presenters collaborated to implement a successful training program by partnering with community stakeholders, business leaders, and a newly implemented triangulated model. The framework supports the intent of Perkins (CTE), meets graduation requirements, and helps students hone their skills for the marketplace and postsecondary education. **Mortuous Johnson, Kenneth Kreitzer**, Dayton Public Schools, Dayton, OH; **Joanne Viskup**, Dayton Public Schools, Ponitz Career Technology Center, Dayton, OH

Room 203/204

2,5,6,7,9/1,3,5

PSB / CFAEW

Building Collaborative Partnerships through Dual-Credit Academies

This session is designed to showcase how collaborative partnerships between secondary and postsecondary institutions can create win/win solutions for early college initiatives. **Lynette Livingston, Jeff Sullivan**, Chippewa Valley Technical College, Eau Claire, WI

Room 205

5,6,7,9/3

PS / FA

No Career Academy for Your Program? Engage Students Using Academy Elements

Learn how elements of a career academy implemented within the constraints of a rural school district are engaging students in rigorous educational experiences and pathways to postsecondary goals through effective articulation agreements. Resource materials and tools will be provided. **Glenda Ruise, Sulina Mackey**, Bradford-Union Technical Center, Starke, FL; **Teresa Jackson**, Bradford-Union Technical Center and Santa Fe College, Starke, FL; **Wendy Hofer**, Santa Fe College, Gainesville, FL

White River C

9/3

S / FA

Classroom Lessons Combining High School Math with Construction and Entrepreneurship

Learn how high school students can use algebra and geometry to run successful businesses and nonprofits. Both are realities at our high school. Teachers will experience classroom activities they can take back to their classrooms. **Tom Moore**, Loveland High School, Loveland, CO

Room 314

9/5

S / FA

“WIN” Academy: Winning from Elementary Education to High School

Attendees will learn how to expose students to Career Pathways and how in-house staff can build the lessons. **Dahlia Acosta**, Socorro ISD, El Paso, TX

Grand Ballroom 4

9

PS / CFA

Hey N00B You've Been PWNED by the L33T SMH LOL: How to Talk to and Teach a Generation of Gamers

TECHNOLOGY: Do you speak gamer? Video games have become ubiquitous, shaping how our kids interact with content, and creating a billion dollar industry. But how do we teach to the gamer generation? In this session, we will discuss the ramifications in education and what we need to do to prepare for this wave. Using gamification, digital assets, videos, awards, badges, abundant assessments, and leveling up, we must transform the classroom into the gaming arena. As a digital immigrant, learn how to speak to digital natives and see what compels them to achieve three-star mastery in Angry Birds. **Nai Wang**, KP Education Systems, Phoenix, AZ

Friday 9:15–10:00am

Room 201/202

1-10 / 1-6

PSAB / CFAEW

Alamo Academies: Building the School-to-Careers Pipeline with Industry-Driven Programs of Study

CP PARTNERSHIP EXCELLENCE AWARD HONORABLE MENTION: Alamo Academies, a nationally recognized community collaborative between higher education and K-12, provides America's at-risk youth with tuition-free career pathways into critical-demand STEM occupations. The program utilizes contextualized industry-driven curricula. Ninety-five percent of graduates enter higher education or high-wage careers in aerospace, manufacturing, IT, heavy equipment, and nursing. **Gene Bowman**, Alamo Academies, San Antonio, TX

Grand Ballroom 4

6,8/2,3

S / CFA

Convincing Freshmen Students That Their Future Starts Now

Every freshman, whether on a workforce path or university bound, needs a personalized career pathway. Learn how your school can readily implement a comprehensive program that will give students ownership of their education and enable them to receive fundamental job skills, certifications, and college credit. **Kristen McReynolds**, Bay City High School, Bay City, TX; **Lisa Volkmer**, Bay City ISD, Bay City, TX

Room 302/303

1,2,3,4,5,6,7,8,9,10/1,2,3,4,5,6

PB / CFAEW

Restructuring IT Pathways to the Workforce: Ivy Tech's Computing and Informatics Programs

The presenters will share lessons learned from the restructuring of Ivy Tech's computing and informatics programs. Attendees will learn about the college's assessment of student information needs, strategies for developing an information tool for these pathways, and how to reach out to employers. **Michelle Van Noy**,

Education and Employment Research Center, Rutgers University, Piscataway, NJ; **Matthew Cloud**, Ivy Tech Community College, South Bend, IN

White River A

2,5,8,9,10/1,2,3,4,5,6

PSA / CFAEW

Bringing It All Together: Career Pathway Partnerships That Work

Have you ever wondered how a successful Career Pathways partnership works at the state level? Attendees will learn how to create a successful state partnership and the key roles that employers, state agencies and industry representatives play in forming this strategic alliance. **Dan Belcher**, Ashleigh Potuznik, NCCER, Alachua, FL; **Ali Brown**, Indiana Construction Roundtable Foundation/Build Your Future, Indianapolis, IN

White River C

2,4,9/2,3,6

PS / CFW

A Multiplicity of Careers: The Many Faces of Understanding Material Properties

NSF ATE: For centuries the properties of materials have driven their use. Currently the ability to understand properties and their dependence on micro- and nanoscale structure has led to new developments and jobs in energy, environmental, construction, biotech, and other market segments. Learn about the properties, how they are measured and taught, and how these skills are used in industry. Hands-on activities will be included. **Deb Newberry**, DCTC/Nano-Link, Rosemount, MN

Room 309/310

2,9/2,3,4

SB / FAEW

Student Run Manufacturing: Two Models for High School Work-Based Learning

How can students gain skills and experience in advanced manufacturing while still in high school? Representatives from two programs will describe the processes, challenges, and success factors associated with establishing a student-run manufacturing enterprise. Presenters will stress the importance of local industry and community college partnerships. **Nathan Hadley**, Madison Consolidated Schools, Madison, IN; **Steven Coffman**, Ivy Tech Community College-Columbus/Southeast, Columbus, IN

Grand Ballroom 1

2,6/ 3

PS / CFA

Going Outside the Box: Partnerships, Student Success, and CTE

Because of limited resources, many rural schools must make hard decisions about programming and staffing, especially in CTE. Learn how one rural district's partnership with a technical college has allowed it to expand its CTE courses and build Career Pathways. Attendees will be given ideas on how they can form similar partnerships with community and technical colleges to strengthen their CTE programming. **Juanita Comeau**, Madison College, Madison, WI; **Crystal Huset**, **Jason LeMay**, Pardeeville Area School District, Pardeeville, WI

White River G
2,5,8,9 / 1,2,6
PSB / CFAEW

Designing an Effective and Exciting College and Career Readiness Continuum

How do you create a college and career culture that provides experiences and opportunities designed to engage students and ensure their readiness for college, career, and life? P-16? Could you add to the effective practices that are currently being implemented in your organization to enhance your students' portfolios? Join our conversation! **Joy Soares, Kris Costa**, Tulare County Office of Education, Visalia, CA

Room 304/305
2/3
PA / A

It Takes a Village: High School Equivalency to High-Tech Programs

NSF ATE: This presentation will illustrate Lawson State Community College's (LSCC) adult education career pathway program. The program involves the collaboration of LSCC adult education, LSCC career and technical education, CARCAM, and others. Adult education students are enrolled in a high-tech program while attending a GED class. **Nancy Wilson, Gwen Ekundayo, Lorenza Thomas**, Lawson State Community College, Bessemer, AL

Room 205
2,3,5,8,9/1,5
PA / CFAW

Community Colleges and the 3-Rs: Recruiting, Retaining, and Graduating Underserved Students

Community colleges seem to be grasping for solutions in recruiting, retaining, and graduating those who most desperately need training. However, given the challenges that most underserved students face, attending college may seem like a dream. This session will highlight some of the things community colleges can do to make the dream a reality. **Allan Levandowski**, College of Lake County, Rockford, IL

White River H
2,3,4,5,6,8,10/3,4
PS / CA

Building a STEM Pathway with Engineering by Design and Early Counselor Intervention

Find out how to create an articulated pathway by aligning Engineering by Design™ (EbD) with college-level engineering technology programs. Learn how to couple articulation with counselor training to encourage diverse students to pursue STEM careers and continue education beyond high school. **Laura LeMire**, Community College of Baltimore County, Catonsville, MD

Room 203/204**2,3,7,9/2,3,4****PSAB / CFAEW****Visual Workplace Organization (5S): A Learning Exercise That Impacts Everything and Everyone**

Visual Workplace Organization, known as 5S in Lean Systems, is a highly hands-on, engaged activity for teams or for individuals. Its learning and practical impacts last a lifetime and it is fun! Implementing and using 5S impacts business outcomes and promotes better organization, teamwork, communication, logical thinking, and problem solving. **Dennis Dunbar**, Toyota Motor Manufacturing West Virginia, Buffalo, WV

Grand Ballroom 2**2,6,7,7/3****PSB / CFAEW****Dual Enrollment Academy: Postsecondary Credit for High School Seniors**

A partnership involving high schools, local industries, and Waukesha County Technical College allows high school students to spend a majority of their school day earning postsecondary credit toward technical diplomas and gaining technical skills necessary for high-wage, high-demand areas of employment. Attendees will learn about Dual Enrollment Academy organization, student recruitment and support, industry involvement, lessons learned, and challenges encountered. **Sandra Maylen**, Waukesha County Technical College, Pewaukee, WI

Room 308**2,6,7/3****PA / FAW****Making Connections: Continuing Education and Economic Development to Teacher Education Certification**

Learn how collaboration between the noncredit and credit sides of the Community College of Baltimore County is increasing students' skills and marketability in the area of child development. **Anne McLaughlin, Lauren Perrera**, Community College of Baltimore County, Baltimore, MD

Grand Ballroom 3**3,5,8,9/3,5****PS / CFA****Tell Your S.T.O.R.Y.**

Everyone has a story to tell. As students transition from high school into adult life, college, and careers, it is increasingly important that they understand and are able to identify their "story." In this session, teachers will walk away with a complete lesson and the supporting materials needed to show their students how to find their stories and understand how their personal stories can help them identify their directions and goals in life, college, and careers. As teachers, we must teach students what their next steps are when they leave our classes and make sure students understand the process of career planning. **Tracie Zerpoli, Therese Kennedy**, Tri-Cities Regional Occupational Program, Whittier, CA

White River B

6/3

PSAB / CFAEW

Accelerating Pathways with Credentials

Effective Career Pathways rely on coordination between education levels (secondary and postsecondary) and industry input. South Central College will demonstrate a variety of restructured academic frameworks that offer stackable, portable employment credentials. These education models were designed to fit the “students of today” and offer them the ability to earn while they learn and work. **Anne Willeart, Marsha Danielson**, South Central College, North Mankato, MN

Room 107

9/

SA / FW

What? Developmental Students Doing STEM Research?

The presenters formed an unlikely partnership when they piloted a developmental English class involving research into engineering topics such as renewable energy and virtual reality. Holding students to higher standards, providing lifelines, and applying content to real-life situations resulted in stronger writing skills.

Kathleen Cuyler, Ken Nagle, Nathaniel Segovia, Coastal Bend College, Beeville, TX

Friday 10:30 – 11:15am

Room 201/202

2,9 / 2

PSA / CFAEW

The Importance of Apprenticeships in Technical Education

CP PARTNERSHIP EXCELLENCE AWARD HONORABLE MENTION: Ranken Technical College’s Advanced Manufacturing Technology (AMT) program is a Department of Labor (DOL) approved and designated apprenticeship model designed to meet the needs of our students and St. Louis manufacturers. Students graduate ready to operate, troubleshoot, and maintain high-tech, digitally controlled equipment in the team-oriented environment of modern manufacturing. **Vincent Holtmann**, Ranken Technical College, St. Louis, MO

Grand Ballroom 1

1-10 / 1-6

PSB / CAEW

DOLETA Youth CareerConnect: Models for the Future!

FEATURED: The Youth CareerConnect grant program is designed to encourage evidence-based high school models that will transform the high school experience for America’s youth. Youth CareerConnect schools will strengthen America’s talent pipeline through integrated academic and career-focused learning, work-based learning, exposure to the world of work, robust employer engagement, individualized career and academic counseling, and integration of postsecondary education and training. *Moderator:* **Debbie Mills**, **CORD**, Waco, TX; **YCC PANELISTS**

White River B

9

A / EW

Teaching and Learning in the Contextualized Classroom: A Toolkit for Implementation

Today's workplace demands highly skilled workers with good work ethic, but many lack the soft skills necessary to be successful. Session attendees will gain tools and knowledge to create contextualized curriculum. Learn how to adopt employability standards, how to plan contextualized lessons, and how to assess soft skills.

Sharon Johnston, Jacqueline Korengel, Kentucky Adult Education, Frankfort, KY

Room 309/310

1,2,6,9,10/1,3,4,5,6

PSAB / CFAEW

Career Pathway On-Ramps: Building a System That Works for All

WIOA and the Higher Education Act share the same federal definition of a career pathway as an aligned series of high-quality programs with innovative instructional design and supports. A career pathway design requires multiple entry points to welcome target populations from across the education and "readiness" spectrum.

Practitioners are concerned about career pathway models that seem to leave many people out. Come learn how partners are using WIOA's "measurable skill gain" performance measure and "integrated education and training" model to build comprehensive career pathway systems. **Judy Mortrude**, Center for Law and Social Policy, Washington, DC

Room 203/204

2,3,4,5,6,7,9,10/1,2,3,4,6

PS / FAW

How to Create an Entry-Level Certificate from Core Bioscience Skill Standards

NSF ATE: Core bioscience skill standards were developed and industry-validated through the national c3bc DOL-funded TAAACCT grant. Attendees will learn how to develop curriculum, assessment tools, and student support systems that ensure students master the performance indicators associated with the skill standards. The presenters will also discuss 3rd-party certification for students. **Linnea Fletcher**, AC2 Bio-Link Regional Center, Austin, TX; **Russ Read**, National Center for the Biotechnology Workforce (c3bc), Winston-Salem, NC; **Jeanette Mowery**, Madison Area Technical College, Madison, WI

White River H

2,7/1,3,5

P / CFA

Articulation Strategies for Four-Year Pathway Development

The presenters will frame the importance of four-year articulations as they relate to pathway creation and enhancement. Attendees will learn the basics of articulation agreements and will take away innovative ideas for strengthening partnerships and maintaining high-quality articulation agreements. **Jaime Spaciel**, Gateway Technical College, Kenosha, WI; **Cara Bowman**, Waukesha County Technical College, Pewaukee, WI

Room 308
2,4,8,10/1,2,4,5,6
PSAB / CAEW

Innovative Wage Pathway Model: Low-Income Youth Advance via Wage Increase Focus

This presentation will include details about Ohio's innovative wage pathway model pilot, which helps disadvantaged youth gain employment quickly to stabilize their financial situations before helping them move towards higher-paying jobs and career goals through training, credential attainment, and increased work experience. The initiative improves employment outcomes through in-demand job data analysis, wage increase incentives, sector and skills based approaches, comprehensive case management and assessment, financial stabilization priority, and ongoing outreach and engagement. **Gerrie Cotter, Steve Cole**, Ohio Department of Job and Family Services, Columbus, OH

White River G
2,5/1,2,3,4,5
SB / CFAE

Creating Career Enrichment Opportunities for Career Tech Students

This presentation will help schools and business partners identify and overcome pitfalls in creating career enrichment opportunities for high school students. Topics will include: obtaining partner buy-in, ensuring student readiness, and creating sustainable relationships for workforce development. **Sarah Woodward, Carmen Gaines**, Woodward Career Technical High School, Cincinnati Public Schools, Cincinnati, OH

Room 302/303
2,3,4,6,7,9/1,3,6
PSA / CFA

Ohio College Tech Prep: Building High-Quality Career Pathways

Come learn what Ohio is doing to ensure high-quality career and technical education pathways are developed and used. Regional Tech Prep chief administrators and consultants will discuss the structure of Tech Prep in Ohio and share best practices, including exemplary programs of study, local and statewide college credit opportunities for students, and other regional and statewide best practices. **Carrie Scheiderer**, Central Ohio Technical College/Central Region Tech Prep, Newark, OH; **Verda McCoy**, Ohio Department of Education, Columbus, OH; **Kathy Siebenaler Wilson**, University of Toledo/Northwest Region Tech Prep Center, Toledo, OH; **Terry Benedict**, Cincinnati State Technical and Community College/Southwest Region Tech Prep Center, Cincinnati, OH; **Tom Kluding**, North Central State College/Central Region Tech Prep, Mansfield, OH; **Andrew Cox**, Cuyahoga Community College/Northeast Region Tech Prep, Cleveland, OH; **Ken Bowald**, Washington State Community College/Southeast Region Tech Prep, Marietta, OH; **Kelly Herold**, The University of Akron/East Central Region Tech Prep, Akron, OH

Room 107
2/1,2,5,6
PSB / FAW

Establishing Regional Partnerships for Expanding Career Pathways Initiatives

This session will describe efforts to deepen and expand high-quality Career Pathways by building capacity and infrastructure at the regional level. Participants will learn about an initiative in California, the Linked Learning Regional Hubs of Excellence, a particularly promising regional strategy that is leveraging leadership

development, partnership development, and systems change to scale and sustain high-quality Career Pathways.
Renee Faulkner, Jobs for the Future, Oakland, CA

Grand Ballroom 2

/2,3,5,6

PS / CFAEW

From Implementation to Evaluation: Career Pathways at the College Level

Attendees will hear from college and university representatives and their consulting partners about implementation of Career Pathways in IT, manufacturing, and logistics. Panelists will share best practices in employer engagement and discuss alignment to industry-recognized credentials. **Sara Hunt**, Thomas P. Miller and Associates, Youngstown, OH; **Daniel Clark**, Ivy Tech Community College, Noblesville, IN; **James Dolan**, Vincennes University, Vincennes, IN; **Jennifer Bellville**, **Laura Naughton**, Thomas P. Miller and Associates, Indianapolis, IN

Room 205

2,3,9/1

PSB / AEW

Innovative Teacher Development: Externships Through Industry-Education Partnerships

Attendees will learn how a school district in an urban setting worked with aerospace industry and higher-education partners to develop a multifaceted plan that provides teachers with immersive industry experiences that allowed them to bring career pathway connections into their classrooms. **Roger Snow**, Ogden School District, Ogden, UT

Room 314

2,5 / 2,3

PSAB / AEW

Next Gen Industrial Manufacturing Technician

The Next Gen Industrial Manufacturing Technician (IMT) hybrid manufacturing apprenticeship is a recently registered Occupational Title for Advanced Manufacturing. Attendees will learn about this IMT, which includes nationally recognized industry credentials (MSSC CPT and OSHA-10) that are imbedded in several secondary/postsecondary advanced manufacturing Career Pathways throughout the United States. Several of the existing Career Pathways link dual credit and industry credentials to postsecondary associate degree programs. **Kathryn Clayton**, Labor Institute for Training, Indianapolis, IN

White River A

2,3,5,9,10/1,2,3

PSAB / CFAEW

Micro-Credentials: Opportunity Through Stackable Achievements

Six in ten jobs in Pennsylvania are middle skill jobs requiring more than a high school diploma, but less than a four year degree, but only five in ten Pennsylvanians have education beyond a high school level. In this presentation, the Community College of Allegheny County and Three Rivers Workforce Investment Board in Pittsburgh, Pennsylvania, will share how they have developed career pathway programs grounded in a sequence of micro-credentials that meet the skill needs of high-demand industries such as healthcare, health IT, and cybersecurity. Attendees will learn how to engage employers and human service agencies to create pathways

that work to bridge the skilled labor gap. **Debra Killmeyer**, Community College of Allegheny County, Oakdale, PA

Room 304/305

2/1,2,3,4

PAB / AEW

Using Evidence-Based Career Pathways with Employer-Defined Career Portfolios for Job Seeker Success

Sourcing and retaining high-quality talent is an issue for every employer. Compounding this issue is a lack of clarity about what employers need. Attendees will learn how to support employers and job seekers alike through Career Pathways and portfolios that are evidence-based and employer defined. **Steven Bennett**, Humanity 2.0, Washington, DC; **Bill Guest**, Metrics Reporting, Inc, Byron Center, MI; **Shana Welch**, Mercy Health – West Michigan, Grand Rapids, MI; **Jessica White-Hatinger**, West Michigan Works, Grand Rapids, MI

White River C

2,5,8

PSB / CFAE

College and Career Readiness: Using Career Pathways to Engage and Prepare Students

This session will give you the tools and templates to create Career Pathways specific to your school. Learn how to establish an advisory board that focuses on college and career readiness skills and builds partnerships with local community and businesses while strengthening your ties to higher education. **Randi Ludwig**, East Syracuse Minoa Central School District, East Syracuse, NY; **Lindsay Cogan**, East Syracuse Central HS, East Syracuse, NY

Grand Ballroom 3

3,5,9,10/

A / CFAW

Daily Practices for Seamless Technology Integration in the Adult Education Classroom

ADULT ED: If you have a passion for harnessing innovation and creativity to improve educational outcomes, this session is for you. Used correctly, technology can deliver an effective learning experience for our adult education students. Join us while we share best practices for helping students set up and manage their online presence through Google accounts, daily practices to keep students engaged, and best tips for maintaining these practices in your program. **Tara Kenjockety**, **Michelle Arriaga**, South Bend School Corporation Adult Education, South Bend, IN

Friday 12:45 – 1:30pm

Room 309/310

1,2,3 / 1-6

PSB / CFAEW

Migrating to a Career Pathways System

Creating a *system* to support career pathways programming is a journey, and sometimes the essential elements progress at different paces. This session will provide guidance and direction for growing from pathway programs to entire Career Pathways systems. **Richard Hinckley**, **Debbie Mills**, CORD, Waco, TX

White River C

1-10/1-5

PSB / CFAEW

Your Strength, Their Future

Attendees will learn how to create meaningful career paths embedded with work-based learning, industry certifications, dual credit, and networking opportunities that will enable students to have better career prospects when they graduate from high school. **Lorri Covaciu**, School City of Whiting, Whiting, IN; **Sharon Row**, Merrillville Community School Corporation, Merrillville, IN

Room 201/202

2,5,6,7/1,2,3

PSAB / CFAEW

Indiana Pathways Innovation Network

The Indiana Pathways Innovation Network (IN-PIN) trains education and workforce providers on the components of a comprehensive pathways system. This session will focus on IN-PIN, a state-level, research-supported collaboration based on promising Indiana pathways models. The session will culminate in a facilitated discussion of pathways systems design. **Shannon Doody**, **Alisa Deck**, Center of Excellence in Leadership of Learning, Indianapolis, IN

White River B

5,10/3

PS / CFAEW

No Job is Worth a Young Worker's Life: Safety is a Life Skill

Every nine minutes, a young person is injured while on the job. Based on current statistics, young workers, continue to have the highest rates of work-related injuries and illnesses. By preparing students for their first entry-level job and future career opportunities with safety and health training, young workers will be more capable of protecting themselves and others. **Lana Ford**, CareerSafe Online, College Station, TX

White River A

2/2,3

PSAB / CFAE

Business Outreach Program: Business Students Develop Marketing Plans/Materials for Local Businesses

Learn how to develop a program that gives marketing students the opportunity to work with local businesses and develop a meaningful learning experience. Topics will include capstone credit, project-based learning, community engagement, and real-world experience. **Jose Garza**, PSJA Southwest Early College High School, Pharr, TX; **Melissa Morales**, Career and Technical Education (CTE) Department, PSJA ISD, Pharr, TX

Room 203/204

2,5/3

AB / CFAEW

Establishing Business and College Partnerships for the Construction of Contextualized Adult Education Curricula

ADULT ED: Attendees will learn how the Daytona State College School of Adult Education established a business community advisory board for the purpose of creating relevant Career Pathways-specific contextualized curricula for ABE reading, language, math, and ESOL courses. **Matthew Davids**, Daytona State College, Daytona Beach, FL

Room 107

2,5,8,9/2

PSAB / CFAEW

We're Changing the Way We Work

Explore the changing nature of work at a time when contingent workers account for over half the workforce. Examine how workforce changes impact the way schools prepare students for a new world of work. **Cassie Blickem**, **Roger Sanders**, Valley Education for Employment System, Sugar Grove, IL

Grand Ballroom 4

2,3,5,9,10/6

S / FA

Creating and Implementing Rigorous Assessments to Ensure Success for All Students

Join us as we share an Assessment Literacy Implementation Plan that supports the creation and use of rigorous assessment questions, activities, and projects aligned to the four Depth of Knowledge Levels as defined by the state's career field technical content standards. Best practices, tools, and strategies will be shared. **Christina Kerns**, Penta Career Center, Perrysburg, OH; **Kathy Wilson**, Northwest Ohio Tech Prep & HSTW/MMGW, Toledo, OH; **Kathleen Crates**, University of Findlay, Findlay, OH

Room 205

2,3,4,6,7,8/1,3,6

PSB / CFAEW

Technical Career Pathways: Partnering to Build a Strong Workforce

Tri-County Technical College in upstate South Carolina has partnered with school districts to develop technical career pathways that leverage TAP and dual credit strategies to enable students to earn college certificates prior

to high school graduation. This session will focus on the three-year journey of pathway development and expansion. **Amanda Blanton, Dan Averette**, Tri-County Technical College, Pendleton, SC

Room 304/305
2,5,7,8,9,10/2,3,4
PA / CFAW

Providing Opportunities for Women in Energy Related Careers (POWER Careers)

ADULT ED: Learn about a National Science Foundation (NSF) pilot project designed to help women over age 25 complete AAS STEM-related technical programs that prepare them for the energy industry. Discover how the project guides women from recruitment to graduation, through college preparation, industry and peer mentoring, comprehensive career and personal counseling, and active industry involvement. **Lawrence Beaty, Jodi Johnson, Nancy Lauts**, Idaho State University, Pocatello, ID

Room 302/303
3,5,9 / 2,3
P / CFEW

Teaching Teamwork: Measuring the Collaboration Skills Sought by Employers

Collaboration is GOOD (not always cheating). In year two of our NSF project, students in diverse locations work in a browser to solve realistic, interactive electronics problems. The computer looks over their shoulders, logging all their actions and chatting as they manipulate and measure to connect resistors, wire logic circuits, and connect microprocessors. Then the fun begins: analyzing the voluminous data! (This project is a collaboration involving CORD, Concord Consortium, Tidewater Community College, and ETS.) **John Chamberlain**, CORD, Waco, TX

Room 314
2,5,9 / 1,2,5
PSB / CFAEW

Intern Today, Employee Tomorrow: Building Bridges between Education and Employment

Throughout the nation, economic regions are battling “brain drain,” the net export of recent college grads who move and contribute their knowledge capital to another area. This session will demonstrate how the services offered by Indiana INTERNnet, a statewide internship-matching program, function as a key strategy in retaining Indiana’s top talent. **Janet Boston**, Indiana INTERNnet, Indianapolis, IN

Friday 1:45 – 2:30pm

White River C
2,5 / 3
S,B / CFAEW

Making Meaningful Connections: The Senior Project

This session will focus on the design and implementation of a senior capstone project. Participants will hear about one school’s experience from planning to implementation, and how the senior project has made a

difference for students. Participants will receive materials that will enable them to begin or enhance their own programs. **Kelli Kennedy**, Manatee County Public Schools, Bradenton, FL

Room 107

1,2,3,4,5,6,7,8,9,10/1,2,3,4,5,6

PSAB / CFAEW

KY FAME: Kentucky's Career Pathway System Puts Them on the Global Stage

Learn how one state has taken a manufacturer's career pathway program and leveraged it into an entire statewide system. Kentucky put Toyota's AMT program into twelve community colleges, incorporated a statewide board of directors for the employer collaborative, engaged 130 companies, and gained dual-certification with the German apprentice system. **Joshua Benton**, Kentucky Economic Development Cabinet, Frankfort, KY

Room 201/202

2/1,2,3,4,6

PSAB / CFAEW

Developing Powerful Partnerships and Aligning Key Resources for Collective Action

This engaging session will focus on lessons learned about partnership development and alignment of resources. Discussion will include common challenges, ideas for addressing those challenges, and promising practices for developing deep and sustainable partnerships. **Debra Mustain**, San Bernardino County Superintendent of Schools, San Bernardino, CA

Grand Ballroom 2

2,4,5,8/1-6

SB / CFAEW

Implementing a Meaningful, Dynamic, and Successful Career Advising Program

Give me people who will show up to work on time and pass a drug test! How do you answer this call from employers? We will review the community-based methods used to implement a dynamic and creative career advising strategy that was developed for over 15 school districts simultaneously. **Jean Roberts**, Tri-County Educational Service Center, Wooster, OH

Room 309/310

2,3,5,6,8/1,2,3

SB / CFAEW

Building CTE Alliances with Small Northeast Nebraska Schools

Attendees will leave this session with tools and a road map for developing a CTE process that unites small rural schools, business partners, and postsecondary education in providing innovative programming to students. The presenter will review the Nebraska reVISION process that is changing the face of CTE in Northeast Nebraska. **Joe Peitzmeier**, Educational Service Unit #2, Fremont, NE

Room 205**2,5,10 / 2,3****PAB / CFAEW****Indiana Plan Apprenticeship Awareness Program**

Participants will learn how the Indiana Plan works to address the problem of low minority participation in the union building trades. The plan offers comprehensive services for contractors who seek recruits and for minority and women workers who train for jobs in the union construction industry in Indiana. Attendees will leave with information about a career pathway that will empower their students to make a living wage. **Devon Doss**, Indiana Plan, Indianapolis, IN; **Cathy Metcalf**, Labor Institute for Training, Indianapolis, IN

White River A**5,6,8/3,5,6****PS / CFA****CCBC Pathways: The Right Track to Student Success**

The Community College of Baltimore County (CCBC) implemented its Pathways Program in summer 2015. The presenters will share CCBC's approach to the pathways program. Topics will include advising, course tracks, and high-impact activities. The presenters will review activities, successes, and the lessons learned. **Renuka Kumar**, **Jack McLaughlin**, **Rachael DeLauder**, Community College of Baltimore Co, Essex, MD

White River B**5,6,8/3****PS / CFAW****The Academic and Career Plan: Preparing Students for Life After High School**

Come learn how one school district is getting students to begin looking at post-high school plans at an early age. The "official" plan is developed in high school but actually begins in the elementary school. Participants will be given a website address used in Virginia as well as a blueprint handout to help them. The main focus will be on the secondary level, but we will also briefly mention what is done in elementary and middle schools. **Joe Lee**, **Angela Rigney**, Pittsylvania County School, Gretna, VA

Room 203/204**5-9 / 1****PSB / CFA****The High School-College Connection: Working With Your Local College to Provide Multiple Dual Enrollment Opportunities**

This session will focus on helping high schools foster positive working relationships with their college colleagues. A principal/counselor team will provide an example of a pathway that provides students the opportunity to earn AS degrees a week before earning their high school diplomas. The presenters will discuss obstacles to getting started and several strategies for getting around them. The presenters will also share their journey and the successes they have had in their partnership. **Krista Herrera**, **Danielle Aguilar**, Summit Charter Collegiate Academy, Porterville, CA