

2018 ACTE *Oregon* Summer Professional Development Event



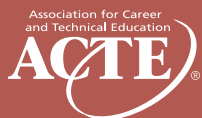
*Featuring premier programming for secondary
and postsecondary CTE professionals*

Hilton Portland Downtown, Portland, Oregon

July 30-31

acteonline.org/portland

#OregonACTE



July 2018

Dear Colleagues,

On behalf of the Oregon Department of Education, the Portland Community Colleges and Oregon ACTE, we are so pleased to welcome you to the *Strengthening CTE: Expanding High Quality CTE in Oregon 2018* Conference.

Our conference theme was chosen because of the importance of the work that you do to prepare learners for success in secondary/postsecondary education, career and life. Based on the ACTE High-quality CTE Framework, our programming is designed to showcase how seven of the 12 elements are defined and to showcase how they're put into action. We know the programs you recruit for, teach and administer, can all be strengthened by using these definitions of high quality CTE.

As professionals in career and technical education, you stay connected to industry through up-to-date curriculum and students being involved in work-based learning and/or CTSO experiences — it all keeps learning active. Students receive critical skills — thinking, teamwork, collaboration — that will empower them to make career and life decisions for their future. This is our intent in programming this event: to assist you in making your programs visible and relevant, to help in your work with your business partners and to emphasize the importance of the transition from secondary to postsecondary learning.

The conference agenda is packed with information that will help you in your teaching and administration of programs, and therefore in your students learning. Contained in the many sessions are tools and techniques that you can use to make you a better professional and to become a 'career planning' voice for your students.

We look forward to meeting you at the Welcome Reception on Monday at 5:00 p.m. and throughout the conference.

Our simple goal is that you learn something new, connect with colleagues, and find something to take back to your students. Have a wonderful conference!

Best wishes,



Laura Foley

Oregon Director of Secondary/
Post-Secondary Transitions and Career
and Technical Education



Kristin Gunson

President, Oregon ACTE



Mark Mitsui

President, Portland
Community College

Strengthening CTE: Expanding High-quality CTE in Oregon Conference Planning Committee

Dodie Bemis, Executive Director, South Dakota ACTE

Donna Brant, Education Program Specialist — CTE Lead & Perkins Administration, Oregon Department of Education

Jeffrey Crapper, Health Sciences Educator, Beaverton School District

Sandra Fowler-Hill, President, Rock Creek Campus, Portland Community College

Kristin Gunson, President Oregon ACTE

Megan Helzerman, Oregon CTE Network

Jessica Howard, President, Southeast Campus, Portland Community College

Marnie Jewell, Education Program Specialist – Career Education and Human Resources CTE, Oregon Department of Education

Tim Knue, Executive Director Washington ACTE

Donna Larson, Associate Dean, Clackamas Community College

Johnny Mack, Executive Dean, Chemeketa Community College

Beth Molenkamp, PACTEC Regional Coordinator, PCC Dual Credit Manager

Jan Osborn, Career Learning Coordinator, Portland Public Schools

Cam Preus, President, Blue Mountain Community College

Brook Rich, Director of CTE & STEM, High Desert Education Service District

Heather Singmaster, Associate Director, Center for Global Education, The Asia Society

LeAnn Wilson, Executive Director, Association for Career and Technical Education

Art Witowski, Education Program Specialist—Health Sciences & Student Support Services, Oregon Department of Education

Ed Woods, Director, Mid-Willamette Education Consortium/Chemeteka Community College

Jeanne Yerkovich, Director CTE, Portland Public Schools

Debra Zeller, FACS, Hospitality and Tourism, Crescent Valley High School

A special thanks to Donna Brant, Megan Helzerman and Ed Woods for leadership and assistance in the development and execution of the conference.

Schedule at a Glance

Monday, July 30

7:00–8:00 a.m. Breakfast & Exhibits

8:00–9:30 a.m. **Opening General Session**

SESSION #1

9:45–10:45 a.m. Concurrent Session (3)

9:45–11:00 a.m. Panel Session (1)

10:45–11:15 a.m. Break Break #1

SESSION #2

11:00 a.m.–12:15 Noon Panel Session (1)

11:15 a.m.–12:15 p.m. Concurrent Session (4)

12:15–1:30 p.m. **Luncheon General Session**

SESSION #3

1:45–2:45 p.m. Concurrent Session (3)

1:45–3:00 p.m. Panel Session (1)

2:45–3:15 p.m. Break #2

SESSION #4

3:15–4:15 p.m. Concurrent Session (3)

3:15–4:30 p.m. Panel Session (1)

5:00 p.m. Reception/Networking Event

Tuesday, July 31

7:00–8:00 a.m. Breakfast & Exhibits

SESSION #5

8:00–9:00 a.m. Concurrent Session (3)

8:00–9:15 a.m. Panel Session (1)

9:00–9:30 a.m. Break #3

POSTER SESSION

9:15–10:15 a.m. Poster Session

SESSION #6

10:15–11:45 a.m. Panel Session (1)

10:30 a.m.–11:30 Concurrent Sessions (3)

11:45–1:00 p.m. **Luncheon General Session**

SESSION #7

1:15–2:15 p.m. Concurrent Session (3)

1:15–2:30 p.m. Panel Session (1)

2:30 p.m.–3:30 p.m. **Closing General Session**



Ann Schatz

The Leaders Game Plan: Include, Inspire & Influence

Everyone is a leader. The great leaders are game changers. They include, inspire, and influence. Join veteran sports broadcaster Ann Schatz as she shares stories of coaches and athletes whose leadership has lifted teams, fueled success and changed lives.

Ann Schatz is closing in on 40 years in the sports broadcasting business. The first female sportscaster in two major markets, Ann's imprint on broadcasting is as big as her personality.

Ann began her career in her hometown of Omaha, Nebraska, after graduating from Creighton University. She was a sports anchor/reporter for the NBC affiliate in Omaha, becoming the first female sports broadcaster in the state of Nebraska. Ann then joined the sports broadcasting team at KOIN-TV in Portland OR in 1989, becoming the first female sports broadcaster in the Pacific Northwest. While at KOIN, Ann covered the NBA Finals, the men's and women's NCAA basketball tournaments, and in 1994 she 'broke' the Tonya Harding story, one that continues to live on to this day. Ann's coverage of the Tonya Harding/Nancy Kerrigan skating scandal has been featured on ABC 20/20, Rolling Stone, The Washington Post and ESPN's 30 for 30 documentary, The Price of Gold.

Ann left KOIN in 1989 to work as a freelance producer for Nike, working with the 1999 US National Women's Soccer Team, and the 2000 Summer Olympics in Sydney. Ann joined the Portland Trail Blazer Broadcasting team in 2000, while continuing to freelance for ESPN for the 2004 Boston Marathon and 2004 WNBA Finals.

Ann found her true broadcasting calling in 2005 becoming a play-by-play announcer for CBS College Sports. That opportunity morphed into her current position with the Pac-12 Networks, where, for the past 6 years, Ann has called hundreds of Pac-12 collegiate games in women's basketball, softball and soccer. And, she has been the 'voice of the Portland Thorns', Portland's women's professional soccer team, since its inception in 2013.

A true pioneer in sports broadcasting, Ann's storied career has taken her to the top of her profession in the U.S. and around the globe. With her unique blend of wisdom, insight, humor and heart, Ann also speaks with audiences around the country. Combining stories and insights from her own playbook with those of the countless famous and unsung heroes who have inspired her along the way.



Josh Davies

Work Ethic: The Building Blocks for the 21st Century Workforce

With the rapid change taking place in every sector of the workforce, a set of skills has emerged as the building blocks for the future. Sometimes called soft skills or career readiness, employers simply call them Work Ethic. Nearly nine out of 10 hiring managers nationwide say work ethic is their most important factor in hiring. In the classroom, students with high work ethic have significant improvements in performance and graduate college at nearly double the average rate. The challenge is that fewer than 1 in 5 people have these skills, and almost all education is

instead focused on academic and technical skills.

While many believe that you can't teach "common sense", new research is showing that these skills can be developed at any age. This engaging and interactive presentation highlights simple training and leadership approaches that everyone can use to develop work ethic. By using employer-based research, defining the seven skills of work ethic, and applying innovative teaching methodology, you will discover how to make lasting behavior change. Discover how you can build the foundational skills of work ethic and prepare your students with the skills for the 21st Century!

Josh Davies is passionate about helping others make a difference in their lives, jobs, and community. Through his work as a speaker, trainer, and CEO of the Center for Work Ethic Development, Josh promotes the teaching of work ethics or soft skills, work readiness or portable job skills.



Charles Hopewell

Welcome to the Continuing World of Change

Charles Hopewell, President of Jewett Cameron Companies, is a passionate advocate in the business community for the role that career and technical education has in preparing students with the skills needed to support the workforce needs of Oregon's industries.

At the core of every company he's been associated with is its human talent. Not the machines, not the building or even the technology... it's the minds and passion and energy that has kept him engaged. Throughout his career, Charles has continually attempted to help encourage a community path of contextual

learning. Charles writes "Selfishly, I've felt if I didn't invest in the kids of today, my business would suffer tomorrow... and many businesses have suffered due in part to their lack of investment. Good business is a balance of that talent, the technology, the community, needs and drive. I have been honored to have played small parts over many years in education and workforce development".

Showcase Panel Information

Monday, July 30



ROBIN UTZ

9:45 – 11:00 a.m.

Panel #1: Access and Equity in HQ CTE

Moderator: Robin Utz, US Department of Education

Secondary: Regine Childs, D.Ed, Lane Community College

Postsecondary: KC Andrew, Higher Education Consortium

Other: Analicia Nicholson, Douglas ESD

Description: CTE plays a critical role in preparing students for high-wage, high-demand careers by giving them skills and abilities to meet key workforce needs. To help ensure the success of high quality CTE programs, federal law requires CTE programs to provide equal access for all students, regardless of sex, race, color, national origin, or disability. The panel will explore ways that Oregon's CTE programs are creating a successful learning environment for all CTE students.



MARK PERNA

11:00 a.m. – 12:15 p.m.

Panel #2: Marketing, Recruiting and Retaining CTE Students

Moderator: Mark Perna, TFS

Secondary: Jennifer Pambrun Intermountain ESD

Secondary: Jim Orth, Salem-Keizer Public Schools

Other: Rachael Mann, Teach Like TED

Description: Recruitment, retention and performance are challenges that every CTE organization must meet head-on. This panel will examine how high-quality CTE programs manage their narrative to create new paradigms and demolish stigmas, thus advancing CTE's image and attracting quality students in greater quantity. Panelists will discuss the specific strategies these programs use to successfully complete a high percentage of focused, performance-driven students.



ASHLEIGH
MCFADDEN

2:00 – 3:15 p.m.

Panel #3: Career Pathways

Moderator: Ashleigh McFadden, Advance CTE

Secondary: Noel Stark, Huntington Charter School

Postsecondary: Daphne Wu, Portland Community College

Industry: Julie Woodward, Oregon Forest Resources Institute

Description: Hear the latest with what's happening with career pathways in Oregon and across the nation. Learn about where high quality CTE programs and services intended to develop students' core academic, technical and employability skills are providing students with continuous education, training; and place them in high-demand, high-opportunity jobs.



AMY FIRESTONE

3:15 – 4:30 p.m.

Panel #4: Work Based Learning

Moderator: Amy Firestone, US Department of Labor

Secondary: Andrea Ellis, Beaverton Health Occupations Program

Postsecondary: Gabby Nunley, Oregon Department of Education

Other: Simon Marti, Embassy of Switzerland

Description: The nature of work has evolved more rapidly than the way that we think about work. And the ways that we educate students for work oftentimes struggles with changing needs. A work-based learning model (e.g. apprenticeships, internships, etc.), coupled with high quality CTE high school, community college and other postsecondary education, is a technique that has delivered considerable success in meeting the demand for skilled workers for manufacturers and others. Hear what the latest trends and findings show and discover how your CTE program can benefit.

Showcase Panel Information

Tuesday, July 31



GENE BOTTOMS

8:00 – 9:15 a.m.

Panel #5: Engaging Instructional Practices

Moderator: Dr. Gene Bottoms, SREB

Secondary: Anna York, Franklin High School

Postsecondary: Matthew Allman, Dean of Science and Technology At the Portland Community college, Rock Creek campus

Other: Heather Singmaster, The Asia Society

Description: Discover new ideas to use instructional strategies in high-quality CTE programs that actively engage students in developing problem-solving, critical thinking and teamwork skills. The panel will explore issues like how to design intellectually demanding assignments; using problem-based and project-based learning with real-world problems and tasks; using cooperative learning; and embedding research, literacy and math skills into the completion of authentic assignments.



STEVEN G. KLEIN

10:30 – 11:45 a.m.

Panel #6: CTE Teacher Professional Development

Moderator: Dr. Steve Klein, RTI

Secondary: Jeffrey Crapper, Beaverton School District

Postsecondary: Johnny Mack, CTE Dean, Chemetka Community College

Industry: Heidi Larwick, Connected Lane County

Description: CTE instructors teach in an environment that requires simultaneous academic and occupational instruction that integrates theoretical and hands-on knowledge, while working with a unique student population that has distinct learning needs. This panel will showcase innovative approaches to the continuing professional development of career and technical educators to effectively grow their skills, support student achievement, and bring greater relevance to student learning.



JOHN FOSTER

1:15 – 2:30 p.m.

Panel #7: Credentials, Certifications and Digital Badging

Moderator: Dr. John Foster, NOCTI

Secondary: Mike Herdrich, Automotive, St Helens High School

Secondary: Steve Fulton, Computer Science, Tigard High School

Industry: Clare Shropshire, Former Local 290 Training Director

Other: Tom Thompson, Oregon Department of Education

Description: With thousands of industry credentials available for possible utilization in high-quality CTE programs it is difficult for CTE educators to determine what credentials are most beneficial. Hear from current practitioners how they determine rigor and relevance in their use of these important tools and how they see their value in demonstrating their students' knowledge and skills.

Agenda

Sunday, July 29

1:00 – 5:00 p.m. **Registration Open** – Room: Atrium Foyer
 5:00 p.m. **Conference Planning Committee Meeting** –
 Room: Board Room East

Monday, July 30

7:00 a.m. – 4:00 p.m. **Registration and Exhibit Area Open** – Atrium Foyer
 7:00 – 8:00 a.m. **Breakfast** – Room: Atrium Ballroom

8:00 – 9:40 a.m. **Opening General Session 1**
 Host: Ed Woods, Chemeketa Community College
 Presentation of Colors/Pledge of Allegiance
 Welcome: Mark Mitsui, PCC
 Laura Foley, Oregon Dept. of Education
 Kristin Gunson, Oregon ACTE
 LeAnn Wilson, ACTE
 Sponsor – Northwest Tech Inc.
 Keynote Presentation: Ann Schatz
 Oregon ACTE Business Meeting
 Room: Atrium Ballroom

9:45 – 11:00 a.m. **Panel #1: Access and Equity in HQ CTE**
Moderator: Robin Utz,
 US Department of Education
Secondary: Regine Childs, D.Ed,
 Lane Education Service District
Postsecondary: KC Andrew,
 Higher Education Consortium
Other: Analicia Nicholson,
 Douglas Education Service District
 Room: Skyline II

9:45 – 10:45 a.m. **Session 1**
MAJ Jessy Claerhout and CPT Kenneth Wheeler:
Leading through Inspiration: Motivating your Students to Succeed in CTE Careers
 Inspiring others to succeed is a hallmark of leadership, and with the variety of postsecondary pathways available today, students need strong leadership and guidance to pursue the path that's right for them. During this workshop, the U.S. Army will explore ways to enhance your leadership skills to build and inspire the next generation of great CTE leaders, as well as the variety of CTE career pathways offered in the Army.
 Room: Atrium Ballroom

Teresa A. Farrell: Technical Writing Strategies for the CTE Teacher

The purpose of this session is to provide training for

high school CTE teachers, as well as post-secondary CTE instructors, from multiple content areas (e.g., manufacturing, engineering, agriculture, business, culinary, etc.) on how to improve the technical writing skills of their students. A workshop style approach provides hands-on opportunity to walk through some strategies and to ask clarifying questions. This session is based on action research conducted in 2016/2017.

Room: Broadway 1/2

Cherie Clark with co-presenters Steve Malany and Loren Watts: *Educator Externships*

In 2015 AGC and Willamette Promise (WP) launched the first Educator Externships designed to: infuse real-world relevance, develop partnerships, foster multi-disciplinary connections, and increase career related learning. This session will give you information on: how the program works, how to get involved, outcomes and data, equity and inclusion, and how the project enhances student engagement at Expos.

Room: Broadway 3/4

Rebecca Hufford: *Inclusion: It's Not Just About Demographics*

Through lecture and interactive activities participants will explore what inclusion is and what it means to them. They will also work together in groups to determine three to five actions that will assist them in increasing inclusion of non-traditional, differently abled and minority students in their programs of study.

Room: Skyline I

11:00 a.m. – 12:15 p.m. **Panel #2: Marketing, Recruiting and Retaining CTE Students**

Moderator: Mark Perna, TFS

Secondary: Jennifer Pambrun,
Intermountain ESD

Secondary: Jim Orth,
Salem-Keizer Public Schools

Other: Rachael Mann, Teach Like TED

Room: Skyline II

11:15 a.m. – 12:15 p.m. **Session 2**

Oregon ACTE Meeting

Come meet the leadership of the Oregon statewide association that represents CTE. Learn about the benefits that your membership in both Oregon ACTE and the national ACTE organization provides to you as a professional in

the field of CTE. LeAnn Wilson, Executive Director of ACTE will share the latest news of the national association and updates from Washington, DC.

Room: Broadway 1/2

Britany Ellerbrook: CTE Recruitment Roundtable for Community Colleges

Come join your colleagues in an open, roundtable discussion about recruitment strategies. There will be discussion questions, a chance to network, share best practices, and more.

Room: Broadway 3/4

David N. Bird with co-presenter Lena Carr: Developing A Model of Student Success Starting with Middle School through College Guiding Student toward High Demand High Wage CTE jobs using the Pipeline Program!

This session will familiarize you with our regional Pipeline Program, a unique, industry-driven partnership between community businesses, non-profits, K-12 schools and postsecondary schools that is changing perceptions about career technical education and getting kids trained and into high-skilled, high-wage jobs. We will provide you with a model to take back to your community to identify and engage partners in industry, K-12 and postsecondary institutions to develop training that is relevant to your region's needs.

Room: Skyline I

12:15 – 1:45 p.m. **General Session #2 and Lunch**

Host: Ed Woods, Chemeketa Community College
Greetings and Overview from the US Army, 1SG James Alexander

Lunch

Keynote Presentation: Josh Davies

Wrap-up Remarks

Room: Atrium Ballroom

2:00 – 3:00 p.m. **Session 3**

Analicia Nicholson with co-presenters Sheri Carson and Missy Olson: Expanding Educator Perceptions of Career Pathways
AND Andrew Cronk with co-presenter George Warneke: Building Bridges to High School Through Career Exploration

Share with the audience one way to implement the NAPE toolkits at a local level and support instructors in sharing positive messages about nontraditional

pathways. In addition, we'll describe our process of implementing the Explore Nontraditional Careers toolkit regionally and how we collaborated with NAPE. Finally, we'll address the importance of secondary and postsecondary working together to develop a strong pathway for nontraditional careers.

This presentation shares a novel approach to meeting the needs of high school students. PCC in partnership with the Beaverton School District has developed a Career Encounters experience for high school students in which departments create hands-on mini sessions that expose them to high-demand, high-wage careers in areas like collision repair, aviation, welding, diesel, building trades and professional arts. The presentation shares lessons learned by the program creators and suggestions on how others might develop similar programs.

Room: [Broadway 1/2](#)

Mike Mattson with co-presenters Laurette Scott and Gabby Nunley:

Apprenticeship Model for CTE Teacher Education
AND Andrew McGough with co-presenters

Jim Fong and Tom Thompson:

Utilizing Sector Partnerships in CTE

Learn about an innovative initiative to recruit and train CTE teachers for both secondary and postsecondary positions. This pilot program in Clackamas County engages experienced technical experts in a registered apprenticeship to earn while they learn over a three-year period.

In this session, experts from Oregon's local workforce system and the Department of Education will talk about how career and technical education can benefit from the work local workforce investment boards are doing with sector partnerships in local areas across the state. Collaboration with local boards and sector partnerships can support CTE success and career pathway development. This session will provide examples of how these collaborations are working in urban and rural Oregon.

Room: [Broadway 3/4](#)

Rebecca Hufford: *Inclusion: It's Not Just About Demographics*

Through lecture and interactive activities participants will explore what inclusion is and what it means to them. They will also work together in groups to determine 3 to 5 actions that will assist them in increasing

inclusion of non-traditional, differently abled and minority students in their programs of study.

Room: Skyline I

2:00 – 3:15 p.m.

Panel #3: Career Pathways

Moderator: Ashleigh McFadden, Advance CTE
Secondary: Noel Stark, Huntington Charter School

Postsecondary: Daphne Wu,
Portland Community College

Industry: Julie Woodward,
Oregon Forest Resources Institute

Room: Skyline II

3:15 – 4:15 p.m.

Session 4

Shalee Hodgson and Oregon Department of Education Staff: Listening Session

Launched by Governor Kate Brown in February 2018, Future Ready Oregon helps to close the gap between the skills that Oregon's workers have and the skills Oregon's growing businesses need. Closing this gap will be accomplished through a combination of initiatives and programs that provide skill and job training to youth, expand training opportunities and skill advancement for Oregonians already in the workforce, and identify projects designed to increase the housing supply in rural areas.

This session will focus on preparing our future workforce by making investments in education that uses Career Connected Learning strategies.

Room: Broadway 1/2

Jesse Aronson with co-presenters Myronda Schiding and Darryl Spitzer: Industry Recognized Credential Development: Partnership, Program Design and Implementation

AND Kimberly Farris and Karen Keith: NCCER: Industry Recognized

Credentials for Construction & Building Trades

Manufacturing industry credentials are relatively unknown and unavailable in many areas. In Portland, a partnership among regional workforce boards, local community colleges and manufacturers launched the Certified Production Technician credential, which is now growing. In this session, attendees will learn about strengthening partnerships among secondary and postsecondary CTE programs, local workforce boards and employers. Learn about successful implementation of the CPT program and walk away with practical tips for integrating national industry credentials into training programs.

Raise the bar in your building Trades and related skilled & technical training programs by providing NCCER industry developed and recognized credentials. Hear why industry and education value and support the NCCER Credentials that deliver industry standards. Improve your programs to meet State & Federal Guidelines (Perkins) and provide pathway articulation from secondary to post-secondary and industry with portable, recognized credentials. www.nccer.org

Room: Broadway 3/4

Marnie Jewell: What are student support systems? Strengthening CTE Programs of Study through collaboration and partnering

This workshop will focus on the Student Support Systems element of a Program of Study. What are student supports? Who are the natural partners in growing strong Student Support Systems? Participants will have the opportunity to engage in sharing of effective practices as well as learn of resources which support strengthening student supports in CTE Programs. The intended audience for this workshop includes CTE teachers, school counselors and administrators.

Room: Skyline I

3:15 – 4:30 p.m.

Panel #4: Work Based Learning

Moderator: Amy Firestone,
US Department of Labor

Secondary: Andrea Ellis,
Beaverton Health Occupations Program

Postsecondary: Gabby Nunley,
Oregon Department of Education/Higher Education Commission

Other: Simon Marti, Embassy of Switzerland

Room: Skyline II

5:00 – 6:00 p.m.

Reception – Sponsored by CareerSafe

Room: Atrium Ballroom

Tuesday, July 31

7:00 – 11:30 a.m.

Registration/Exhibit Open – Room: Atrium Foyer

7:00 – 8:00 a.m.

Breakfast – Room: Atrium Ballroom

8:00 – 9:00 a.m.

Session 5

Jo Strom Lane with co-presenter Derek Lane:
Teaching Technical Theatre Using STEM

Using STEM-acquired skills, participants in this workshop will engage in micro-projects to solve theatrical puzzles

before learning about STEAM and its application to entertainment arts careers.

Room: Broadway I

Tom Thompson:
The Math Dilemma in CTE

It is not unusual for a student to choose a career path only to be blocked by their understanding of math. Over the last decade, significant work has been done in Oregon to better serve CTE students through projects such as Math in CTE, Math in Real Life, and Course Equivalency. In this session you will learn about the approaches emerging through these projects that will help your CTE students succeed on their career path.

Room: Broadway II

Brook Rich with co-presenters Angie Mason-Smith and Michael Fisher: *Skilled Trades Fair*

Recruiting students to the trades is always a challenge. In Central Oregon, we've been able to bring together a multitude of trades representatives as well as postsecondary partners and area high schools. This event is different than a typical career fair. Students work hands-on with industry professionals in welding and manufacturing, wildland firefighting, construction trades, the medical industry, veterinary science, automotive and hybrid vehicles and engineering.

Room: Skyline I

8:00 – 9:15 a.m. **Panel #5: Engaging Instructional Practices**

Moderator: Dr. Gene Bottoms, SREB

Secondary: Anna York – Franklin High School

Postsecondary: Matthew Allman, Dean of Science and Technology At the Portland Community college, Rock Creek campus

Other: Heather Singmaster-The Asia Society

Room: Skyline II

9:15 – 10:15 a.m. **Poster Session**

Invited Presenters (see Page 18)

Room: Atrium Ballroom

10:30 – 11:30 a.m. **Session 6**

Cherie Clark with co-presenters Steve Malany and Loren Watts: *Externships and Expos: Engaging Industry, Educators and Students*

In 2015 AGC and Willamette Promise (WP) launched the first Educator Externships designed to: Infuse Real-World

Relevance, Develop Partnerships, Foster Multi-Disciplinary Connections, and Increase Career Related Learning. This session will give you information on: How the program works, How to get involved, Outcomes and data, Equity and inclusion. How the project enhances student engagement at Expos.

Room: [Broadway 1/2](#)

Justin Mortensen with co-presenter Wendie Siverts: *Teaching Students Mechanical Design Techniques through Digital Design and Fabrication (3D printing)*

This session is about teaching students mechanical design techniques through digital design and fabrication (3D printing). Using 3D printing as a manufacturing process provides a mechanism for showing how design decisions made upfront affect downstream processes and products. The session will review implementation of a related course taught in Portland Community College's Computer-Aided Design and Drafting (CADD) program.

Room: [Broadway 3/4](#)

Kelly Purdy with co-presenters Brooke Nova and Travis Reiman: *Connecting Stakeholders to Career Pathways*

Learn how the Hillsboro School District works with the community to grow and expand career pathways through collective impact with a specific focus with school counselors. In this session we will share the K-12 approaches, techniques and strategies used to move toward clear and viable career and college pathways for all students. Time will be provided for collaborative work and collective problem solving around career and college pathway development.

Room: [Skyline I](#)

Lisa Klingsporn/Brooke Nova: *Connecting Students to the Workplace with School to Career / Connecting Stakeholders to Career Pathways*

Attendees will learn about Hillsboro Chamber's School to Career Program, which serves in excess of 7,000 students per school year through career-related learning experiences, such as informational interviews, mock interviews, job shadows, career days and ELOs (a mini-internship of 15 hours total). You will have an opportunity to participate in a micro career day with real industry representatives.

Agenda continued

- 10:30 – 11:45 a.m. **Panel #6: CTE Teacher Professional Development**
Moderator: Dr. Steve Klein, RTI
Secondary: Jeffrey Crapper,
 Beaverton School District
Postsecondary: Johnny Mack,
 CTE Dean-Chemeketa Community College
Industry: Heidi Larwick, Connected Lane County
 Room: Skyline II
- 11:45 – 1:00 p.m. **Luncheon General Session 3- CTSO Panel**
 Host, Ed Woods, Chemeketa Community College
 Opening Remarks: **Dr. Gene Bottoms**, SREB
 CTSO Panel Moderated by
 Ryan Underwood, CEO Tri Leadership Group
 CTSO - State Officers /CTSO Panel - Advisors
 Sponsor – EverFi
 Room: Atrium Ballroom
- 1:15 – 4:00 p.m. **PIPE 4 Cohort Meeting – Room: Skyline III**
- 1:15 – 2:15 p.m. **Session 7**
Adam Menning with co-presenters Pam Ditterick and Jennifer Sadouk: Increasing Access & Success in ECE through Integration, Contextualization & Acceleration
 Learn how faculty, student services and community organizations collaborated to increase access to CTE programming for underrepresented students. Utilizing an example from our early childhood education program, our presentation asks participants to examine who in their communities are marginalized by current methods for offering and delivering CTE coursework. We offer strategies and ideas to address these challenges and focus on designing programs that increase access for these students, and supports them through successful completion.
 Room: Broadway 1/2
Jessi Walker and Reed Davis: Increasing Access and Success in CTE Programs for Individuals of Low Socio-economic Status
 The Oregon Community College Consortium STEP project provides a cohesive, skills-based approach to serving SNAP recipients facing multiple barriers, including poverty, lack of transportation, low academic skill, and food insecurity. This presentation will provide an overview of the model that LBCC has created through STEP to strengthen and expand access to CTE programs for individuals of low socioeconomic status. Presenters will discuss facilitating

access to education, coaching and wraparound support, and removal of institutional barriers.
Room: Broadway 3/4

Tom Thompson with co-presenter Gabby Nunley: *Updating Your Manufacturing Program of Study*

This session will focus on the Advanced Manufacturing model Program of Study developed in collaboration with Oregon secondary and postsecondary teachers. The model program provides a three-course outline to help high school students prepare for future education and careers in Advanced Manufacturing. The session will include time for teachers to share strategies that can be employed to implement the model.
Room: Skyline I

1:15 – 2:30 p.m. **Panel #7: Credentials, Certifications and Digital Badging**
Moderator: Dr. John Foster, NOCTI
Secondary: Mike Herdrich, Automotive, St Helens High School
Secondary: Steve Fulton, Computer Science, Tigard High School
Industry: Clare Shropmire – Former Local 290 Training Director
Room: Skyline II

2:30 – 3:30 p.m. **Closing General Session 4**
Recognition & Remarks: Ed Woods, Chemeketa Community College
Drawing (Tentative)
Keynote Presentation: **Charles Hopewell**
Room: Atrium Ballroom

Poster Sessions Room: Atrium Ballroom

Tuesday, July 31, 9:30–10:45 a.m.

TABLE 1: Carolina Selva - Business and Management: The Critical Role of Entrepreneurship in CTE and a Way to Teach it That Forces Students to Live it: This session highlights the relationship between entrepreneurship and CTE fields, emphasizing the value and importance of teaching CTE students to be entrepreneurial. The need to teach CTE students entrepreneurial skills is evidenced by trends in CTE careers, the rise of intrapreneurship and the evolution of the traditional career trajectory. Additionally, this session provides an innovative, experiential approach to teaching entrepreneurship to students of all disciplines that includes diverse experiences and partnerships.

TABLE 2: Heidi Larwick with co-presenter Matt Sayre — Elevating Educators’ Experience: Connecting the Classroom to the World of Work: We want to develop our most valuable resource—our students and educators—helping them gain the skills, technical knowledge, and real-world experience they need to prepare students for high-wage, high-demand careers. During the 2017 summer, 11 educators were placed into summer externships to build the capacity of CTE offerings to students. In this session, you will hear reflections from a high school counselor, an industry partner, a CTE teacher, and program staff who have been involved in this new program called Elevate Lane County.

TABLE 3: Regine Childs with co-presenter Tim Ray, D.Ed — CTE 101: Tools for School Administrators in Ensuring Access and Equity in High Quality CTE instruction and Development: Whether or not you are a new or a seasoned administrator have you wondered, “What is CTE?”, “What is not CTE?” Participants will engage with presenters and each other to become more familiar and comfortable with CTE, the vocabulary, and the philosophy that drives the success of a high-quality CTE Program.

TABLE 4: Noel Stark — DC/AC Technician Training: Introduction to the possibility of offering DC/AC Service technician training and certification to students in your school.

TABLE 5: Anne Bogstad — Increase Student Engagement with Hands-on Welding Training: Engage students with hands-on welding training tools to further career path exploration while addressing classroom management and safety concerns. Learn how to implement welding solutions including welding simulation, live in-helmet welding guidance and visual inspection aids that create an interactive classroom while preparing students with knowledge and proper welding technique.

TABLE 6: Gabby Nunley — Registered Apprenticeship: Connecting College & Careers

Did you know that registered apprenticeship was considered the original four year degree? Yet, in today's world, going to a four year university to earn a four year degree is the most desired. Registered apprenticeship programs provide a path to a meaningful career, financial independence and that coveted industry recognized credential. This session will provide you with the essential apprenticeship information to support potential candidates at any age at any stage of their education or career journey.

TABLE 7: KC Andrew — Universal Design for Learning: Improved Access for All: Students with disabilities aren't the only students who benefit from "accommodations." Learn how to set up and structure your classroom and your class time to help students get the most out of their education, whether they have a diagnosed disability or not.

TABLE 8: Alex Lund — Precision Exams: Career Skills Exams & Certifications with Student-Growth Data: Precision Exams partners with both industry as well as education providing schools with the most comprehensive and affordable testing solution to meet Perkins TSA as well as Pre/Post Student Growth measurement requirements. Delivering 170+ Industry Recognized Career Skills Exams & Certifications™ for \$8 or less. Students and educators alike benefit with reports that provide teachers with actionable data to help improve instruction in real time, and certificates that provide students with the ability to articulate the value of what they learn to future employers. The big disconnect between industry and education is they don't speak the same language, and there is a proven process to engage industry on a local level to recognize, and reward students for the knowledge and skills they earn in CTE programs.

TABLE 9: Anna York with co-presenter Raquel Laiz — “When am I ever going to need this?” Bringing Relevancy into the Classroom through Industry Partnerships: Students discover career relevance through connections with industry partners including post-secondary partnerships, field trips, guest speakers and internships. Discussion of what is working at Franklin as well as our future goals in this area. Former and current student experiences will be shared.

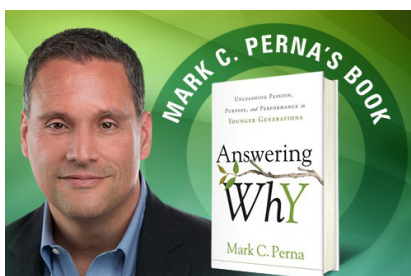
TABLE 10: Daphne Wu — Supply Chain Management Growing Demand in Portland: This presenter will introduce the growing employment demand in supply chain management in Oregon, how PCC started the SCM program to align with the demand and surrounding universities accommodating the latest trend in SCM employment.

Poster Sessions continued

Tuesday, July 31, 9:30-10:45a.m.

TABLE 11: Julie Woodward with co-presenters Reynold Gardner and Norie Dimoe-Ediger — Natural Resources Program of Study-A New CTE Model: The Oregon Department of Education and Oregon Forest Resources Institute have partnered on a project to develop a statewide CTE program for natural resources and forestry. This program is an opportunity for school districts to develop full programs with natural resource curriculum and partnerships already in place. The session will outline how the Program of Study components are being met through a new partnership model.

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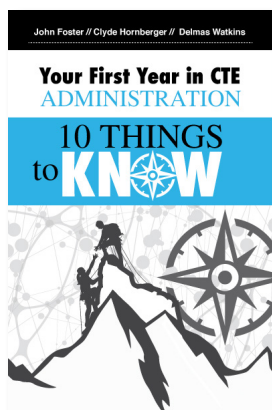


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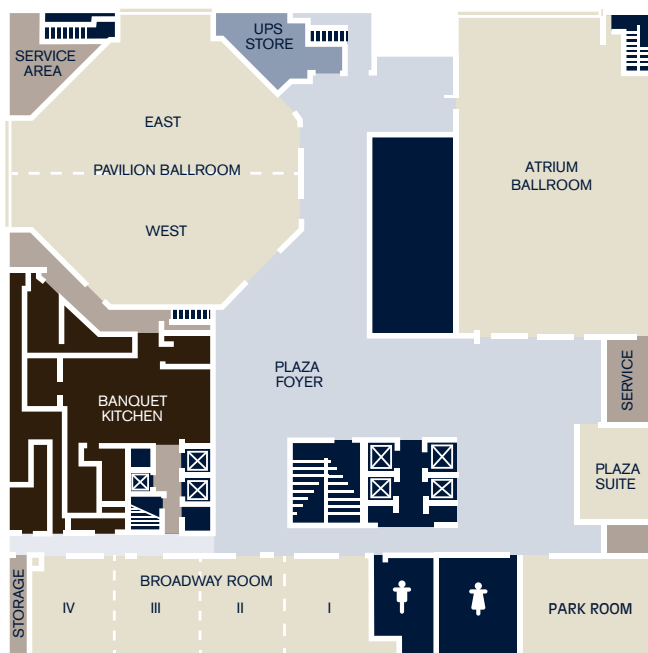
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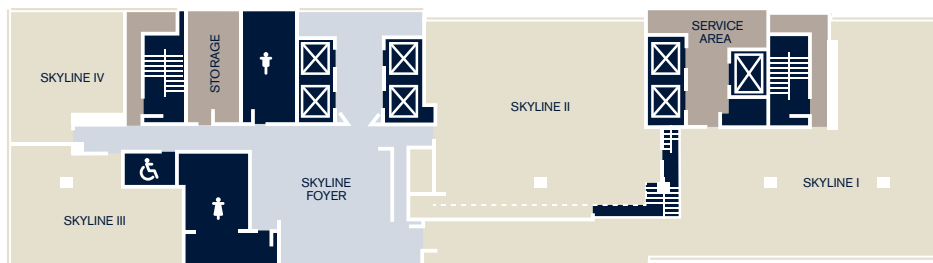
NOTES

Hotel Floor Plan

Plaza Level



23rd Floor Skyline Level



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