

# Wednesday, April 18<sup>th</sup>

All meetings today at Sollers Point Technical High School

1:00 - 5:00 PM

ACTE LEAD Pre-Conference

Culinary Café-Room 2432

1:00 – 4:00 PM

Region 1 Policy Committee Meeting

Room R2023

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# Thursday, April 19<sup>th</sup>

**Please Note: All sessions are at Sollers Point Technical High School unless otherwise indicated. The awards ceremony is covered in your registration and will be held at the Community College of Baltimore County Dundalk Campus.**

(7:15 AM—Shuttle Pick-up Available at Hilton Garden Inn-White Marsh)

7:00 AM - 5:00 PM

Registration Open

Culinary Café-Room 2432

8:00 AM – 8:30 AM

Continental Breakfast

Culinary Café-Room 2432

## School Tours

**8:30 – 10:00**

Large Group Auditorium

## Opening General Session and Keynote Speaker

**10:00-11:30**

Opening Comments and Welcome – Dr. Lynne Gilli, Maryland State Assistant Superintendent of Schools

Opening Comments and Welcome – Dr. Sandra Kurtintis, President, CCBC

Keynote – Michael Mulgrew, President, United Federation of Teachers

## Lunch

**11:30 – 12:30**

Culinary Café - Room 2432

## Visit with Vendors

**12:30 – 1:00**

Orange Furniture Area

## Session #1

**1:00 – 1:45**

Culinary Café  
Room 2432

### Marketing and Recruitment for Career Education

*Luther Legg; Sargent Major, U.S. Army Marketing and Resource Group*

Reaching Gen Z students to encourage them to consider their careers requires a rethinking of traditional approaches. The U.S. Army has made a significant investment in research and development to address the skills gap in serving in the military. This presentation will share those findings and suggest ways CTE programs can benefit from this research.

Room 2055	<p><b>Creating a Scorecard to Exhibit a Student's Professional Skills</b></p> <p><i>Mike Hart; Administrator, Great Oaks</i></p> <p>The need for Professional Skills is a common theme we hear from employers. See how to create a Professional Skills Scorecard for students to display these skills to potential employers.</p>
Room 2056	<p><b>The Summit: A New Level of CTE Advisory Committee</b></p> <p><i>Scott Rogers; Assistant Administrative Director, York County School of Technology</i></p> <p>Have your occupational advisory committees become routine and uneventful? Learn first-hand how Pennsylvania's largest comprehensive CTE high school developed "The Summit" to increase employer attendance and gather valuable insights on current program delivery and assist in future program development. Resources will be provided that can be adapted and implemented for any CTE program or school.</p>
Room 2066	<p><b>Access and Equity in CTE- Implementing Systemic Change</b></p> <p><i>Traci Chappelle; Coordinator of CTE, Charles County Public Schools</i> <i>Rebecca Pearson; CTE Specialist, Charles County Public Schools</i></p> <p>We will discuss the process, planning and implementation of evaluating our current recruiting/application practices and how we developed a 3-year plan to ensure Access and Equity in CTE programs.</p>

<b>Session #2</b>		<b>2:00 – 2:45</b>
Culinary Café – Room 2432	<p><b>Why Middle School Career Exploration Matters to CTE</b></p> <p><i>Diane Lindsey Reeves; Publisher and Author, Bright Futures Press</i></p> <p>According to ACTE, career exploration in middle school has many benefits for students. It engages them when they are a higher risk for disengaging from learning, it takes advantage of age-appropriate developmental milestones, and it connects learning with the real world. But, it also has benefits for CTE too. Career-aware students are better prepared to take full advantage of high school CTE opportunities. Thus, making middle school career exploration an important strategy for filling CTE pipelines.</p>	
Room 2055	<p><b>The New Smart: What Educators and Parents Need to Know...1-2-7</b></p> <p><i>Dr. Steven Coyle; National Director Counselor/Academic Relations, Universal Technical Institute</i></p> <p>Careers have changed in the world today. The theory of 1-2-7 defines how that change has taken place and how we need to prepare today's students to be successful.</p>	

Room 2056	<p><b>Creating Effective Education and Industry Pathways for Construction, Maintenance and Energy Careers</b></p> <p><i>John Havlik; Senior Manager, Workforce Development, NCCER (National Center for Construction Education &amp; Research)</i>  <i>Brad Kibe; Executive Director, Florida Masonry Apprentice &amp; Educational Foundation</i></p> <p>America's construction and maintenance industries create and maintain our nation's economic vitality through projects on the industrial, commercial and residential scale. At present, the industry is anticipating a shortage of over 1.5 million skilled craft professionals by 2019. Industry owners, contractors and trade associations are eager to engage with educational partners to implement industry based training, which results in industry recognized credentials, and, provides multiple paths to gainful employment in a high demand career field.</p>
Room 2066	<p><b>Selling CTE to Parents and Students</b></p> <p><i>Katie Fitzgerald, Communications Manager, Advance CTE</i></p> <p>While CTE is enjoying a resurgence in interest, there are still major barriers to communicating with students and parents that CTE is the right choice for them. Advance CTE, with support from the Siemens Foundation, conducted research to determine the best messages to use with students and parents to encourage them to enroll in CTE Programs of Study. Hear about the study's findings, and how the Maryland State Department of Education put the research into action. Get insights into how you can use this research to increase enrollment in your community.</p>

<b>Session #3</b>		<b>3:00 – 3:45</b>
Culinary Café – Room 2432	<p><b>Equity, Access, and the Five-Year Plan: Improving CTE in Baltimore County Public Schools</b></p> <p><i>Douglas Handy; Director, CTE and Fine Arts, Baltimore County Public Schools</i></p> <p>Participants will learn how Baltimore County Public Schools equity policy and strategic plan (Blueprint 2.0) are informing the ongoing improvement of CTE programs.</p>	
Room 2055	<p><b>Exploratory Frameworks</b></p> <p><i>Donald Jarvis and Kyla Korytoski; Executive Director, Massachusetts Vocational Association</i>  <i>Kyla Korytoski; Executive Board Secretary, Massachusetts Vocational Association</i></p> <p>Massachusetts has developed a new Exploratory Framework that meet the rigor and relevance for all our state-wide program needs.</p>	

Room 2056	<p><b>CTE Program Spending</b></p> <p><i>Dan Murphy; Director, RG Drage Career Technical Center</i></p> <p>Attendees will learn how to make decisions on career-technical program spending within their districts through this presentation, by using data and other resources to make informed choices.</p>
Room 2066	<p><b>Update on National CTE Programs</b></p> <p><i>Robin Utz; Branch Chief, U.S. Department of Education - Office of Career, Technical and Adult Education</i></p> <p>The Office of Career, Technical and Adult Education (OCTAE) at the U.S. Department of Education is responsible for administering funding and program support provided under the Carl Perkins program. Hear about current projects and resources to support your CTE Programs.</p>

<b>Session #4</b>	<b>ROUNDTABLES (15 Min Rotations)</b>		<b>4:00 – 4:45</b>
Table 1	<p><b>Teacher Recruitment - The Say Yes to FCS initiative</b></p> <p><i>Constance Costley; Past-President NYSACTE , FACS Educator, NYSACTE</i></p> <p>“Say Yes to FCS” and start tackling the shortage of Family &amp; Consumer Sciences Educators-- Learn simple actions you can take right away!</p> <p>During this session, I will discuss the national collaborative initiative and the strategies and tools that have been designed to support Family &amp; Consumer Sciences professionals. National and local resources will be shared with all in our effort to spread the word. We are aware of the need for FCS professionals let me show you what you can do to help!</p>		
Table 2	<p><b>Work Based Learning and the IEP Requirements</b></p> <p><i>Joyce Serio; Transition Team Leader, Baltimore County Public Schools</i> <i>Alicia Fales; Coordinator School to Career, Baltimore County Public Schools</i></p> <p>Students with IEPs (Individualized Education Programs) benefit from work based learning experiences while in high school. Based on student's strengths and needs, regular education teachers should be able to pick up the IEP and be able to translate the "alphabet soup" into work based accommodations for student success.</p>		
Table 3	<p><b>Creating a Successful Manufacturing Pathway</b></p> <p><i>Paula Boughton; Supervisor and Region 1 ACTE Fellow, Monroe 2 Orleans BOCES</i> <i>Jeanine Gallina; Career Program Developer/Coordinator and NYSACTE President, Monroe 2 Orleans BOCES</i></p> <p>Participants will learn about how Monroe 2 Orleans BOCES Career and Technical Education Center uses an academy model to provide students a pathway for advanced manufacturing from middle school to career through collaboration with government, post-secondary and industry partners.</p>		

Table 4	<p><b>Inquiry based instructional techniques in STEAM</b></p> <p><i>Keely DiTizio; Science instructor, Salem County Career and Technical High School</i></p> <p>The presenter will model several learning strategies and differentiated instruction techniques while presenting interdisciplinary STEAM content.</p>
Table 5	<p><b>Precision Exams: Career Skills Exams &amp; Certifications with Student-Growth Data</b></p> <p><i>Kellie Openshaw; Regional Director, Precision Exams</i></p> <p>Precision Exams is the most comprehensive testing solution, delivering 170+ course-end career skills exams at a cost of \$8 or less. Teachers and students love how easy it is to use our testing system, but the real magic unfolds as teacher's access the reports and data provided after testing is complete. Student growth measurement, SLOs, TSAs, teacher development and program improvement are a piece of cake – and don't forget industry certificates and 21st Century Success Skills! Precision Exams is awesome (or in the words of a Vocational Director – Phenomenal)! Come learn how it all works!</p>
Table 6	<p><b>The Path to Student Placement: It's Already There, Just Use It</b></p> <p><i>Kerrie Benning; ASPIRE and Adult Diploma Program Coordinator, Great Oaks Career Campuses</i></p> <p>Find out how Great Oaks Career Campuses Aspire and Adult Diploma Programs build unique relationships with local industries. While focusing on empowering individuals and communities, our Adult Workforce Development coordinators help educate area employers on hiring and retaining skilled workers.</p>
Table 7	<p><b>Using 3D Home Design Software in the Classroom</b></p> <p><i>Kayla Lockhart; Academic Sales Representative, Chief Architect Software</i></p> <p>Chief Architect is the creator of 3D Architectural modeling software and has been used in classrooms for two decades- not only in Architectural Drafting or Construction classes, but also Interior Design, Child Development, Criminal Justice classes and more. Come see how Chief Architect can be utilized across multiple disciplines, and in your own classroom.</p>
Table 8	<p><b>SkillsUSA Career Essentials: Solution to Teaching and Measuring Career-Ready Skills</b></p> <p><i>Taryn Zeigler, SkillsUSA Program Specialist</i></p> <p>Working together in teams, understanding leadership, communicating clearly and demonstrating integrity are required in any career. SkillsUSA Career Essentials suite is designed to define, implement and measure career readiness. Discover how this online, project-based curriculum builds and assesses the career-ready skills demanded by industry.</p> <p>The SkillsUSA Career Essentials suite provides assessments for career and technical education that are supported by industry, education and policy leaders. SkillsUSA Career Essentials: Assessments parallels SkillsUSA's successful philosophy of hands-on, authentic methods. The system helps instructors prove the benefit of their programs and helps students develop rewarding careers.</p>

Table 9	<p><b>Reengineering HS Capstone Experiences: Shark Tank Approach to Engineering Design</b></p> <p><i>Michael Grubbs; Coordinator, Career and Technology Education, Baltimore County Public Schools</i></p> <p>High school engineering capstone experiences, commonly conclude with a traditional science fair approach. Students, at the end of the school year, share out their solutions to problems, they identified as authentic, while implementing mathematics, science, and engineering content knowledge to ensure a viable result. Feedback at the fair, is often a fly by, with industry representatives encountering the projects, and students for the first time. Additionally, these products may or may not be consumer and market driven. In comparison, Baltimore County Public Schools, has transitioned towards a year long, three tier system that allows consistent engagement from the engineering community, with built in Shark Tank style presentations, to elicit equitable, accessible, specific, and timely feedback. The experiences also lead to ongoing mentorship from subject matter experts, and builds a STEM ecosystem.</p>
Table 10	<p><b>Dreaming Beyond the Barrio: Project-based Learning Activities to Support Student Career Planning</b></p> <p><i>Tina Marie Manus; General Education Department Head, CT Technical High Schools, Bullard Havens Technical High School</i></p> <p>Participants will examine classroom practices used to develop and foster students' abilities to imagine their career pathways beyond high school within their given career technology fields. CTE project-based learning examples from activities where students worked cooperatively to envision and plan a trade show/conference event will be shared, along with digital tools used with students to encourage creative thinking, research, and innovation such as Story Board That, Cube Creator, Timeline, and Doc Hub. Participants will leave with strategies they can use in the classroom tomorrow to encourage students to think "beyond the barrio."</p>
Table 11	<p><b>Preparing Students for the Real World</b></p> <p><i>Luke Erickson; Schools Manager, EVERFI</i>  <i>Ashley Hart, Jenny Nakamura, Allen Prendergast, Alyssa Mahramus; Schools Managers, EVERFI</i></p> <p>EVERFI empowers teachers to bring critical skills education into their classrooms. With digital lessons focused on topics like financial literacy, entrepreneurship, STEM exploration, and health &amp; wellness, EVERFI helps educators prepare their students to be successful in the real world. EVERFI provides these resources to schools and students free of charge. Each resource delivers content that engages 21st century learners and provides meaningful metrics to teachers by measuring knowledge gains and student attitudes. Attendees will be granted login credentials, lesson plans, and ongoing technical and curriculum support at no cost. Please bring your laptop so you can preview the courses.</p>
Table 12	<p><b>TBD</b></p>

## Awards Ceremony and Reception

5:00 – 7:00

\*Community College of Baltimore County

All Attendees are Encouraged to Attend  
Hors d'oeuvres and Refreshments Served

(6:30 Shuttle Pick-up Available at CCBC Following the Awards Ceremony—Return to Hilton Garden Inn-White Marsh)

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## Friday, April 20<sup>th</sup>

(7:15—Shuttle Pick-up Available at Hilton Garden Inn-White Marsh)

## Continental Breakfast

8:00 – 8:30

Culinary Café - Room 2432

## Region 1 Business Meeting

8:30 – 9:00

Culinary Café - Room 2432

## Session #1

9:15 – 10:00

Culinary Café – Room 2432	<p><b>Advancing New Jersey Student Success through Maximizing Career Readiness Strategies</b></p> <p><i>David Gehrke; Education Program Development Specialist, New Jersey Department of Education</i> <i>Christine Tomkus; Planning Associate, New Jersey Department of Education</i></p> <p>In today's world, our youth need to attain a high-quality credential beyond high school. An industry-valued credential, registered apprenticeship program, military pathway and/or post-secondary degree are all viable options to ensure New Jersey students embark on a promising career journey. The New Jersey Department of Education promotes the importance of career awareness through the New Jersey Career Assistance Navigator website and expanding work experience programs for all students. This workshop will illustrate how high-quality work-based learning programs support career readiness by providing opportunities for students to explore their career interests, develop goals and apply their skills.</p>
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Room 2055	<p><b>ACTE and National Board Lesson Sharing &amp; Development Roundtable</b></p> <p><i>Kimberly Bertocci; Senior Manager, Partnerships, National Board for Professional Teaching Standards</i>  <i>Kristin Hamilton; Vice President, Standards, National Board for Professional Teaching Standards</i></p> <p>Looking for lessons that will push your students' learning? Do you have materials, but not the time with peers to develop them? Join us for an opportunity to collaborate with your fellow CTE educators in a working roundtable session. Bring your resources, challenges, apps for students, ideas, and experiences to share, design, strategize, and outline new lesson plan ideas with your peers. Leave with take-aways, plans, and new resources for your school district or program to implement!</p>
Room 2056	<p><b>The Current Early College Landscape at CBCC</b></p> <p><i>Emilie Cherry; Director of High School Collaborations, Community College of Baltimore County</i></p> <p>The presentation will go over all CCBC's Early College options for high school students.</p>
Room 2066	<p><b>Elevating Health Science Programs Through Industry Credentials</b></p> <p><i>Nic Hestand; Senior Certification Specialist, National Healthcareer Association</i>  <i>Jen Dehn; Senior Certification Specialist, National Healthcareer Association</i>  <i>Lindsey Thompson- Center of Applied Technology South</i></p> <p>Your students are the future of healthcare. As an educator, you provide them with a solid educational foundation to help position them for a successful career. Providing your health science students access to an industry-recognized credential gives them access to hands-on experience, increased postsecondary attainment opportunities, and can empower them to enter a high-wage, high-demand profession. Learn best practices from programs that have implemented certifications. Gain insights on how to identify the best certifications for your program, the steps to help your students prepare, and how to create curriculum that aligns with the workforce demands.</p>

<b>Session #2</b>	
<b>10:15 – 11:00</b>	
Culinary Café – Room 2432	<p><b>SkillsUSA Career Essentials - Preparing Students to be Job-Ready Day One</b></p> <p><i>Taryn Zeigler, SkillsUSA Program Specialist</i></p> <p>How will your students demonstrate to an employer that they are job-ready Day One? SkillsUSA Career Essentials suite is designed to develop career-ready students that are prepared to face 21st-century demands. Discover how this online, project-based curriculum builds the career-ready skills demanded by industry through authentic experiences.</p> <p>SkillsUSA Career Essentials: Experiences takes your students to the next level of demonstration within the SkillsUSA learning continuum. It prepares students for the transition to the workforce or higher education. Give your students everything they need to be job-ready Day One.</p>

Room 2055	<p><b>Equity Exploration: Non-Traditional Recruitment and Retention</b></p> <p><i>Dr. David Thomas; Executive Director, York County School of Technology</i>  <i>Scott Rogers; Assistant Administrative Director, York County School of Technology</i></p> <p>How do you increase non-traditional student enrollment and completion to meet or exceed your Perkins Non-Traditional indicators? York County School of Technology, a grade 9-12 comprehensive technical high school of 1700 students will share a variety of best practices and non-traditional support programs they have implemented to increase recruitment and retention of non-traditional students.</p>
Room 2056	<p><b>Cybersecurity Career Exploration Platform Equips our Nation’s Educators to Prepare the Next Generation of cyber professionals</b></p> <p><i>Kimberly Paradise; Vice President Partnerships, LifeJourney, Inc.</i></p> <p>High schools and universities are being challenged to introduce cybersecurity to the nation’s Next Generation in order to create a substantial pipeline of inspired “cyber students”. Infusing cybersecurity in the classroom is an imperative to preparing workers for these ever-growing career opportunities ... and it is now critical to our national security. This session will share resources and insights that will make cybersecurity relatable for students so they are eager to learn. They will identify powerful tools that will improve the cyber knowledge and capability of educators in order to help inspire students to become part of America’s digital economy.</p>
Room 2066	<p><b>Connect 4 - The Game of Success</b></p> <p><i>Nicole Lord, CTE Director, Flushing Community Schools</i></p> <p>This session will provide attendees with various Work-Based Learning (WBL) opportunities from Career Awareness through Career Training. The session will focus on WBL partnerships with business and industry and the community as a whole. We will explore opportunities for the students and the benefits WBL has on all involved!</p>

<b>Session #3</b>	
<b>11:15 – 12:00</b>	
Culinary Café – Room 2432	<p><b>National and Regional Resources for Recruiting, Preparing and Supporting FCS Educators</b></p> <p><i>Jan Bowers; Dean of Teacher Education &amp; Human Ecology at SUNY Oneonta; National Director of Family Consumer Sciences Education Association; Primary Investigator for USDA project to Recruit, Prepare &amp; Support FCS Educators, SUNY Oneonta</i>  <i>Rosemarie Avanzato; FCS Teacher Education, SUNY Oneonta</i>  <i>Constance Costley; Past-President NYSACTE, FACS Educator, NYSACTE</i></p> <p>National and Regional resources and strategies for recruiting, preparing &amp; supporting</p>

Room 2055	<p><b>Credentialing –The “Inside Baseball” View and Transparency Initiative</b></p> <p><i>John Foster; President/CEO, NOCTI</i></p> <p>At last count there were close to 5,000 certifications and 2,000 licenses available, all claiming to signal real skills and knowledge in a variety of technical fields. Do you feel like you are being asked to implement something you know little about? This session will go through some great sources to help you learn about the work of the "credential engine" initiative and aims to provide equitable criteria to help you decide which credentials fit your program.</p>
Room 2056	<p><b>Addressing Equity Through Recruitment &amp; Retention</b></p> <p><i>Jennifer Cusmano, Northern Valley Regional School District Lori Howard, New Jersey Department of Education David Janosz, Northern Valley Regional School District Kathleen Paquette, New Jersey Department of Education Johanna Ross, Passaic City School District Terri Russo, Orange Board of Education</i></p> <p>Join our panel discussion to explore methods of student recruitment, stakeholder engagement and career pathway messaging to equitably recruit, retain and prepare students to enter careers with high labor market demand and family-sustaining wages.</p>
Room 2066	<p><b>The CASE for Career Pathways</b></p> <p><i>Sara Cobb; CASE Online Learning Coordinator, Curriculum for Agricultural Science Education Keely DiTizio; Science instructor, Salem County Career and Technical High School</i></p> <p>We will discuss the process, planning and implementation of evaluating our current recruiting/application practices and how we developed a 3-year plan to ensure Access and Equity in CTE programs.</p>

**Lunch and Closing Remarks** **12:00-1:00**

**Culinary Café - Room 2432**

(1:00 Shuttle Pick-up—Returns to the Hilton Garden Inn-White Marsh)