



Summer Conference  
August 6–9, 2017

The Davenport Grand Hotel  
Spokane WA



# Fostering Success

## BACKPACKS for KIDS



Conference Sponsored by

Washington Association for Career and Technical Education (WA-ACTE)

Office of Superintendent of Public Instruction (OSPI)

Workforce Training and Education Coordinating Board (WTECB)



## Keynote Speakers



### MONDAY OPENING SESSION

## JIMMY CASAS

Jimmy Casas served twenty-two years as a school leader, including fourteen years as principal at Bettendorf High School. Under his leadership, Bettendorf was named one of the Best High Schools in the country three times by Newsweek and US News & World Report.

Jimmy was named the 2012 Iowa Secondary Principal of the Year and was selected as one of three finalists for NASSP 2013 National Secondary Principal of the Year. In 2014, Jimmy was invited to the White House to speak on the Future Ready Schools pledge. In 2015, he received the Bammy Award as the National Secondary Principal of the year. Jimmy is the Co-Founder of EdCamp Iowa and #IAedchat. Jimmy is the co-author of the book, "What Connected Educators Do Differently," and "START.RIGHT.NOW.," which he wrote with Todd Whitaker and Jeff Zoul.

Jimmy is currently a Senior Fellow for the International Center for Leadership in Education, serves as an adjunct professor for Drake University, teaching courses in educational leadership, and is a member of the Professional Development Faculty for NASSP; the National Association of Secondary School Principals. Finally, he is the co-founder and CEO of ConnectEDD, an educational leadership company aimed at organizing world class professional learning conferences and professional development services for educators across the country.

### TUESDAY BREAKFAST SESSION

## RAY CONNER

Ray Conner is vice chairman of The Boeing Company and a member of the Boeing Executive Council.

Conner joined the company in 1977 as a mechanic on the 727 program. He is an alumni of Highline High School in Burien, Washington. He earned a bachelor's degree from Central Washington University and a master's of business administration from the University of Puget Sound.



In addition to his role as vice chairman, Conner had served as president and chief executive officer of Boeing Commercial Airplanes (BCA) until November 2016 when he announced his intention to retire at the end of 2017.

As BCA president and CEO, he was responsible for delivering on a record backlog and overseeing the growth of its airplane programs and services. Boeing Commercial Airplanes accounts for more than 60 percent of Boeing's total revenues and has nearly 12,000 commercial jetliners in service worldwide, which is roughly 75 percent of the world fleet.

Prior to that assignment, lead Sales, Marketing and Commercial Aviation Services for Boeing Commercial Airplanes, vice president and general manager of Supply Chain Management and Operations for Boeing Commercial Airplanes, vice president of Sales for Commercial Airplanes, vice president and general manager of the 777 program, also the 747 program.

# 2017 WA-ACTE Summer Conference

## WE ARE CTE...Fostering Success

### Keynote Speaker / Conference Objectives

#### CLOSING SESSION

**GARY MOORE** as *Dudley Hughes*

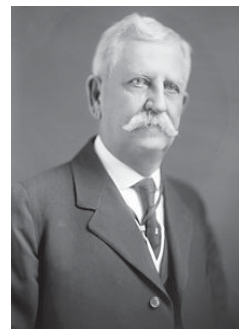


#### **100 YEARS: The Smith-Hughes Act: Looking Back, Looking Forward**

Celebrate the 100-year anniversary since president Woodrow Wilson signed the Smith-Hughes Act into law on February 23, 1917. This significant centennial event only occurs every 100 years.

To commemorate the significance of this milestone in 2017, the Washington ACTE is excited to recognize and share the importance of the Smith-Hughes Act at our annual conference with the help of “*Dudley Hughes*,” one of the original sponsors, to share his reflections on how the Act came to be, what has happened in vocational education over the past 100 years leading to the Career and Technical Education (CTE) programs we know today, and his thoughts on what the future holds for CTE in our nation.

Don't miss it! Come and be inspired by the stories of our collective past, leave enthused about who we are as CTE educators ready to share what we do in Career and Technical Education (CTE), and the possibilities that exist for future CTE students in the next 100 years.



### 2017 Washington ACTE Summer Conference Objectives

The purpose of the 2017 Washington ACTE Summer Conference is to coordinate and conduct sustainable, intensive, professional development opportunities that meet the needs of all educators; particularly Career and Technical Education (CTE) educators including K-12 and community and technical college instructors, counselors, administrators, school board directors, and coordinators.

The specific objectives of the 2017 Washington ACTE Summer Conference seek to provide professional opportunities to integrate coherent and rigorous content in the Career and Technical Education (CTE) curricula so students master their academic skills while developing the specific technical skills needed by:

- Reinforcing Career and Technical Education (CTE) educator pedagogy and andragogy of student engagement, administrative policies and procedures, including the legal responsibilities and ethical standards supporting quality educator standards (TPEP).
- Identifying and promoting effective Career and Technical Education (CTE) curricula focused on students mastering the technical skills required in high demand occupations that connect and support student understanding and application of the Arts, Sciences, Technology, Engineering, and Math (STEM) concepts for student career success.
- Discovering what resources may be available to implement effective career connected learning opportunities leading up to and within specific individual CTE programs in the K-12 and community and technical colleges system.
- Sharing best practices for effective business and industry partnerships, and to improve parental and community involvement.
- Identifying and supporting best practices and programs to recruit and retain quality CTE instructors pre- and post-service.

**Information**



**Tuesday**  
**7:00 AM – 9:00 AM**  
**Grand Ballroom A & B**  
**WA-ACTE HOSTED**  
**AWARDS BREAKFAST**  
**OPEN to ALL Attendees**  
**(Included in Registration)**

**STEM TRAINING 4 (REQUIRES PRE-REGISTRATION)**

**SUNDAY & TUESDAY ..... NEWTECH SKILL CENTER**

*Gene Wachtel, gene\_wachtel@lkstevens.wednet.edu*  
*Trevor Sill, tsill@qsd.wednet.edu*  
*William Clifton, wclifton@qsd.wednet.edu*  
*Andy Hill, Northwest Tech - Glider Build, andy@nwtech.com*  
*Tom Diehl, Klein Educational - Drone Build, tom@kleineducational.com*

The integration of Science, Technology, Engineering, and Mathematics in a shop or classroom laboratory. This is a continuation of the previous year's training. Even if you are a first-year STEM teacher or veteran teacher, this workshop is for you. See the daily scheduled activities.

**STEM Training Schedule:**

- Day 1 Sunday, August 6, 8am-4pm (At NEWTECH SKILL CENTER) Glider Build
- Day 2 Monday, August 7, 8am-5pm (At Hotel) Across-the Board Sessions
- Day 3 Tuesday, August 8, 8am-4pm (At NEWTECH SKILL CENTER) Drone Build
- Day 4 Wednesday, August 9, 7am-10:30am (At Hotel) Share-Out of Class Activities

**FREE CERTIFICATION TESTING**

CCI Learning Solutions will be offering certification testing to all attendees of the WA-ACTE Summer Conference. The exams that are available include all Microsoft Office Specialist exams for Office 2013-2016 and Microsoft Technology Associate exams. These certification exams are available at every high school in the state through the Microsoft Certification Program giving your students, staff, and faculty the opportunity to gain a globally-recognized technology certification. Here's your chance to try these exams and see for yourself why hundreds of schools across the state are making them a part of their technology and business courses.

**Location:**

**The Davenport Grand Hotel - Meeting Room #8 (MR #8)**

**Times Offered:**

**Monday...10:00 AM – 5:00 PM**

**Tuesday...9:30 AM – 4:00 PM**

## Section Acronyms

*Throughout this program you will find the following acronyms used (in RED) to indicate sessions which are presented by these Sections.*

- **WA-ACTE – State Association**  
Washington Association for Career and Technical Education  
[www.wa-acte.org](http://www.wa-acte.org)
- **WACTA – Administration**  
Washington Association of Career & Technical Administrators  
[www.waacta.org](http://www.waacta.org)
- **WAAE – Agricultural Education**  
Washington Association of Agricultural Educators  
[www.groupspaces.com/waae-washaae](http://www.groupspaces.com/waae-washaae)
- **WSBEA – Business Education**  
Washington State Business Education Association  
[www.wsbea.org](http://www.wsbea.org)
- **WA-CCER – Career Counseling & Employment Readiness**  
Washington Career Counseling & Employment Readiness  
[www.waccer.org](http://www.waccer.org)
- **FACSE – Family and Consumer Sciences**  
Family and Consumer Sciences Educators  
[www.wafacse.org](http://www.wafacse.org)
- **WAME – Marketing Education**  
Washington Association of Marketing Educators  
[www.mywame.com](http://www.mywame.com)
- **WITEA – Industrial Technology Education**  
Washington Industrial Technology Education Association  
[www.witea.net](http://www.witea.net)
- **WASTS – Skilled and Technical Sciences**  
Washington Association of Skilled & Technical Sciences
- **HSCTE – Health Science**  
Health Science Career & Technical Educators  
[www.hscte.net](http://www.hscte.net)
- **ATB – Across-the-Board Sessions**  
These sessions are open to all registrants.



# 2017 SUMMER CONFERENCE "SUNDAY" Sessions

Updated 7/27/2017

8:00-5:00	<b>REGISTRATION OPEN</b>						
8:00-4:00	Room 134						
NEWTECH Skill Center	STEM Training Flight						
9:00-4:00	MR #11						
6-Hour Sessions	Imagine Academy: Unpack and CERTIFY						
PRESENTER	Kathy Schmit						
9:00-NOON	CEDAR	BIRCH	MAPLE	TERRACE E	TERRACE W	REDWOOD	
3-Hour Sessions	BOOT CAMP Sessions 1-3	How Principals Can Support Project-Based Learning as an Instructional Shift	New Director Workshop	Creating Presentations That Don't Suck - NEW & IMPROVED!	Framing Failure to Facilitate Future Fruition	WSBEA Executive Board	
PRESENTER	Lew Keliher	Debra La Mothe	Shani Watkins	Scott Le Duc	Jim Flatmo	Ariel Dykstra	
11:00-NOON	MR #2						
1-Hour Session	Certification Roundtable						
PRESENTER	Becky Wallace						
1:00-2:00	BIRCH	MR #1	MR #2	MR #5	MR #6	MR #7	TERRACE W
1-Hour Sessions	WACTA OSPI Updates	You Can't Wreck It! Live Labs / Simulations / Cert Prep	Financial Reality Fair Digital and Beyond	Enhancing Entry Level Skills of Future Building Trade Professionals	The Substantial Value of Effective CTE Shop Safety and Maintenance	WA DECA Update	Planning for Student Loans (CENTS)
PRESENTER	Becky Wallace	Trish Bobst	Suzanne Klenk	Kraig Stevenson	Bob Gilbert	Lori Hairston	Anthony Leahy
1:00-3:00	MR #10						
2-Hour Session	Jasperactive: World's First Kinesthetic Microsoft Office Learning System						
PRESENTER	Malcolm Knox						
1:00-4:00	CEDAR	MAPLE	MR #4	MR #12	TERRACE E	SKYBRIDGE	
3-Hour Sessions	201 Transform Any Teacher Into a Confident Coding Instructor	The Nuts and Bolts of Simulated Workplace	Work Site Learning/Work Based Learning Training & Teen Labor Laws	Developing Youth Financial Capability	Who Cares?	HSCTE Boot Camp	
PRESENTERS	Bruce Levin	Marty Sugerik	Terry Derrig, Lance Wrzesinski, Josie Bryan	Leslie Jones	Scott Le Duc	Marianna Goheen, Boonie Smith, Tom Walker	
1:00-5:00	MR #3						
INTERNS							
2:15-3:15	BIRCH	MR #1	MR #2	MR #5	MR #7		
1-Hour Sessions	Automated Program Re-Approval System	ASVAB CEP The Foundation for College and Career Exploration	Recruitment, Engagement, & Value of Industry Advisors / Partners	Polymer Science for the Tech Teacher	DECA in the Classroom		
PRESENTERS	Becky Wallace	Steven Cook	Edson Barton	Andy Nydam	Brenda Grabski		
2:15-5:15	MR #6						
3-Hour Session	Hands-on With The Arduino						
PRESENTER	Paul Osborne						
3:30-4:30	BIRCH	MR #1	MR #2	MR #5	MR #7	MR #10	
1-Hour Sessions	CTE & Skill Center Funding Updates	Having Successful Certifications in the Classroom	PLTW and CTE/STEM Directors - Networking Session	Partnerships - Students, Community, and Agencies in Taholah	What can WAME do for you?	Empower students to explore the limitless world of computing with Code Avengers!	
PRESENTER	TJ Kelly	Lori Monson	Diane Lashinsky	Jerry Walther	Kari Toms	Bailey Freeman	
3:30-5:30	REDWOOD						
WACTA EX Brd							
4:45-5:45	CEDAR	MR #1	MR #2				
1-Hour Sessions	From Supershy to Superstar	E3 Employability. Com	Are Your Students Ready for the 21st Century Admissions Landscape?				
PRESENTER	Jim Flatmo	Jon Torrence	Reetu Gupta				
5:00-7:00	SKYBRIDGE						
HOSA EX Brd							

# 2017 WA-ACTE Summer Conference

## WE ARE CTE...Fostering Success

Sunday, August 6

**8:00–5:00**

**REGISTRATION OPEN ..... GRAND LOBBY**

*Section Tables 12:00–5:00 PM*

**8:00–4:00**

**STEM TRAINING - FLIGHT (REQUIRES PRE-REGISTRATION).... NEWTECH SKILL CENTER #134**

**9:00–4:00**  
**6-HR Session**

**IMAGINE ACADEMY - UNPACK AND CERTIFY ..... MR #11**

*Kathy Schmit, [katherine.schmit@usmie.com](mailto:katherine.schmit@usmie.com)*

Are you using Imagine Academy? Thinking of it? Not sure how to start? Started and stuck? Let me help you. In this 3- hour session we will unpack the curriculum, cover teacher tried and true practices, and take a certification exam from your own testing bank. ALL Washington middle and high schools have free access to these resources. INDUSTRY LEVEL CERTIFICATIONS! Bring your questions and curiosity!

**9:00–NOON**  
**3-HR Sessions**

**CTE PLAN 2 PLUS YOU (VERSION 2) BOOT CAMP ..... CEDAR**

*Lew Keliher, Facilitator, [lkeliher@auburn.wednet.edu](mailto:lkeliher@auburn.wednet.edu)*

This second year of the “Plan 2 Plus You” Boot Camp looks behind the curtain of how the educational systems works and all the supports in place to make you successful with your students and your program.

**SESSION 1A ..... PERSPECTIVE OF A FIRST-YEAR TEACHER**

*HaLee Walter, Ag Instructor, [walterh@odessa.wednet.edu](mailto:walterh@odessa.wednet.edu)*

*Marc Sullivan, STEM Instructor, [msullivan@auburn.wednet.edu](mailto:msullivan@auburn.wednet.edu)*

- HaLee, Marc and many friends attended the first Boot Camp and will give their perspective on the “need to know” items to handle your first year.

**SESSION 1B ..... ED SPEAK; ACRONYMS AND TERMS YOU’LL NEED TO SURVIVE**

*Lew Keliher, CTE Director, [lkeliher@auburn.wednet.edu](mailto:lkeliher@auburn.wednet.edu)*

- What are they talking about?

**SESSION 2 ..... EXPECTATIONS AND CLASSROOM MANAGEMENT**

*Lew Keliher, CTE Director, [lkeliher@auburn.wednet.edu](mailto:lkeliher@auburn.wednet.edu)*

- Documents and procedures needed to run a quality CTE program
- Over 400 pages of information for you to use in your class

**SESSION 3 ..... SCHOOL CULTURE / LEADERSHIP**

*Ross Short, CTE Director, [rshort@stanwood.wednet.edu](mailto:rshort@stanwood.wednet.edu)*

*Gene Wachtel, CTE Director, [gene\\_wachtel@lkstevens.wednet.edu](mailto:gene_wachtel@lkstevens.wednet.edu)*

- Expectations of you as a member of the staff and your roll within that structure.
- Meetings, sports, assemblies, program promotion.
- Student organizations both in and out of the classroom. The tie to industry.

**WACTA NEW CTE DIRECTOR WORKSHOP ..... MAPLE**

*Shani Watkins, WACTA Past President, [shani.watkins@westsoundtech.org](mailto:shani.watkins@westsoundtech.org)*

Are you new to the world of being a CTE Director? Join us for this 3-hour session to get the keys to a successful year. Session includes overview of duties and responsibilities as well as important contacts in your area!

**HOW PRINCIPALS SUPPORT PROJECT-BASED LEARNING AS AN INSTRUCTIONAL SHIFT ..... BIRCH**

*Debra LaMothe, [debra.lamothe@sreb.org](mailto:debra.lamothe@sreb.org)*

How do we “move the needle” with Project-Based Learning? Managing and sustaining Project-Based Learning requires a collaborative effort among school leadership. This session is designed to provide leadership models to facilitate management to sustain the Project-Based Learning teaching methodology. Once training is established and teachers are moving forward with implementation to improve student experiences, the next phase is to establish a management and sustainability system to establish a culture of inquiry-based learning. This session will provide customized strategies currently being implemented in CTE centers in other states.

**CREATING PRESENTATIONS THAT DON’T SUCK - NEW & IMPROVED! ..... TERRACE EAST**

*Scott Le Duc, [sleduc@osd.wednet.edu](mailto:sleduc@osd.wednet.edu)*

We have all been stuck in slide show presentations that were stale and boring. I mean, it seemed at times that they were engineered to confound the mind. Well, research confirm what we felt; slide shows can interfere with learning. This workshop will also include how to use your voice with power and poise!

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Sunday, August 6

**9:00–NOON**

**3-HR Sessions**

**CONTINUED**

**FRAMING FAILURE TO FACILITATE FUTURE FRUITION ..... TERRACE WEST**

*Jim Flatmo, jflatmo@gmail.com*

Discussion on how to create a Climate of Failure in your program to improve student resiliency and critical thinking.

**WSBEA EXECUTIVE BOARD MEETING ..... REDWOOD**

*Ariel Dykstra, WSBEA President, adykstra07@ewu.edu*

**11:00–Noon**

**CERTIFICATION ROUNDTABLE ..... MR #2**

*Becky Wallace, rebecca.wallace@k12.wa.us*

**1:00–2:00**

**1-HR Sessions**

**WACTA OSPI UPDATES ..... BIRCH**

*Becky Wallace, rebecca.wallace@k12.wa.us*

**YOU CAN'T WRECK IT! LIVE LABS/SIMULATIONS/CERT PREP ..... MR #1**

*Trish Bobst, trish.bobst@cengage.com*

From programming/computer science to Health Care to Trades to Business, students can experience live learning labs to organize a surgical tray, write a program, label images, and even check their math. Hands-on live labs, simulations, and certification prep prepare your students for careers and college.

**FINANCIAL REALITY FAIR DIGITAL AND BEYOND ..... MR #2**

*Suzanne Klenk, sklenk.wsecu.org*

Financial Literacy is a key component in education. Real life financial literacy is a key to life success. This interactive simulation transports students into a “Life after College” scenario where education financing decision consequences are played out. Career choices, purchasing choices, and financial coaching are all a part of this educational simulation that moves easily from a large group experience to a classroom setting.

**ENHANCING ENTRY LEVEL SKILLS OF FUTURE BUILDING TRADE PROFESSIONALS .... MR #5**

*Kraig Stevenson, kstevenson@iccsafe.org*

The International Code Council (ICC) has developed a flexible program known as High School Technical Training Program (HSTTP) to enhance current vocational curriculum. The HSTTP goal is to enhance the hands-on construction techniques and prepare a code-knowledgeable workforce ready to enter construction and inspection professions directly out of school. The ICC issues Certificates of Achievement (COA) as recognition of student proficiency.

**THE SUBSTANTIAL VALUE OF EFFECTIVE CTE SHOP SAFETY AND MAINTENANCE ..... MR #6**

*Robert E. (Bob) Gilbert, bgremodelingservices@gmail.com*

Attendees will learn about CTE Shop Equipment Maintenance. Attention will be focused on the hard and soft costs related to shop equipment repair and the potentially disastrous costs when an accident occurs, with examples. Presenters will reference the Washington Schools Risk Management Pools Inspection Form.

**WASHINGTON DECA UPDATE ..... MR #7**

*Lori Hairston, lori@wadeca.org*

Hit the ground running! Washington DECA has a variety of changes to share with advisors. Topics include competitive event changes, allocations, and staffing. Please join Lori Hairston, Executive Director of Washington DECA, as she gives an in depth DECA update for the 2017-2018 year. Bring your questions and concerns!

**PLANNING FOR STUDENT LOANS (CENTS) ..... TERRACE WEST**

*Anthony Leahy, tony@centsprogram.org*

How to guide your students through a worksheet activity that helps them assemble critical information to plan for paying for postsecondary education/training and avoid scams. You do not need any expertise in student loans.



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1:00–3:00  
2-HR Session

**JASPERACTIVE: The World's First Kinesthetic Microsoft Office Learning System ..... MR #10**  
*Malcolm Knox, [mknnox@ccilearning.com](mailto:mknnox@ccilearning.com)*

At CCI Learning we take a human-centered approach to learning by focusing on the needs of each individual. This is the thought that went into developing our ground-breaking new product, Jasperactive – the world's first kinesthetic Microsoft Office learning solution that creates an individual learning plan for each student. This session will explore the power of teaching with Jasperactive.

1:00–4:00  
3-HR Sessions

**TRANSFORM ANY TEACHER INTO A CONFIDENT CODING INSTRUCTOR ..... CEDAR**  
*Bruce Levin, [bruce.levin@techsmarkkids.com](mailto:bruce.levin@techsmarkkids.com)*

How are districts implementing a computer science scope and sequence? In this session you will learn how to code your own computer program; and how to equip and support your teachers to deliver a comprehensive, CTE-approved, and differentiated coding curriculum at every grade level.

**THE NUTS AND BOLTS OF SIMULATED WORKPLACE ..... MAPLE**  
*Marty Sugerik, [marty.sugerik@sreb.org](mailto:marty.sugerik@sreb.org)*

This session will overview Simulated Workplace, started by the West Virginia Department of Education who worked with experts from businesses and industries throughout the state to design the initiative. Simulated Workplace assists career and technical centers to implement workplace environmental protocols, enhance instructional delivery, engage students and permit students the opportunity to take ownership of their individual performance, while thriving in an authentic workplace culture. Participants will learn the protocols and actions to begin the journey.

**WORK SITE LEARNING/WORK BASED LEARNING TRAINING ..... MR #4**  
*Terry B. Derrig, [terry.derrig@rentonschools.us](mailto:terry.derrig@rentonschools.us)*  
*Lance Wrzenski, [lance.wrzenski@k12.wa.us](mailto:lance.wrzenski@k12.wa.us)*  
*Josie Bryan, [josie.bryan@lni.wa.gov](mailto:josie.bryan@lni.wa.gov)*

Understand the definition of WBL/WSL. Overview of the WBL manual. Learn how to promote Work Site Learning, setting up students in the proper class codes, WSL forms, and submitting grades according to the WAC. And understanding Teen Labor Laws to protect your students.

**DEVELOPING YOUTH FINANCIAL CAPABILITY ..... MR #12**  
*Leslie Jones, [leslie.jones@mapacific.com](mailto:leslie.jones@mapacific.com)*

Review State Standards for Financial Education. Learn teaching techniques and learning strategies you can use to help youth build financial capability. We will spotlight CFPB's Resources, Building Blocks research and teaching pedagogy, a framework designed to help teachers identify teaching strategies that build students financial capability. Desired Outcome: Empowering classroom educators with CFPB resources and effective teaching strategies.

**WHO CARES? ..... TERRACE EAST**  
*Scott Le Duc, [sleduc@osd.wednet.edu](mailto:sleduc@osd.wednet.edu)*

How do we move students from apathy to passion?

**HSCTE BOOT CAMP ..... SKYBRIDGE**  
**SESSION 1 ..... DEVELOPING FRAMEWORKS TO CURRICULUM FOR HEALTH SCIENCE**  
*Marianna Goheen, [marianna.goheen@k12.wa.us](mailto:marianna.goheen@k12.wa.us)*

*How do I move from Developing a Frameworks to Creating a Curriculum Guides for Health Science? After creating the framework — what next? How do I use it or is it useable? What overarching assessments should be in place? Come learn how to bring all the pieces together into a living document that will enhance your instructional practice. See how stackable certificates would align with your program. Review the instructional enhancements that are available as strategies and resources.*

**SESSION 2.. SAFETY & HEALTH FUNDAMENTALS: WITH INDUSTRY CERTIFICATES IN CTE**  
*Bonnie Smith, [blsmith@toppenish.wednet.edu](mailto:blsmith@toppenish.wednet.edu)*

Learn in a hands-on manner the fundamentals of occupational safety and health to prepare students for internships, work-based learning opportunities, postsecondary medical/health sciences programs, and health care work facilities. Participants will receive access to lesson plans and forms. Keeping Students Safe

**SESSION 3 ..... PANEL: STARTING AND ENGAGING IN HEALTH SCIENCE CTSOS**  
*Tom Walker, [thomas.walker@rentonschools.us](mailto:thomas.walker@rentonschools.us)*

This moderated panel is for instructors wishing to begin or expand participation in Health Science CTSOs. Representatives will provide the "nuts-and-bolts" to understand why there are multiple Health Science CTSOs in Washington, how each serves students, and what they need to do to get signed up and engaged!

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1:00–5:00

**CTE DIRECTOR ADMINISTRATIVE INTERNSHIP** ..... MR #3  
*Becky Wallace, rebecca.wallace@k12.wa.us*

2:15–3:15  
1-HR Sessions

**AUTOMATED PROGRAM RE-APPROVAL SYSTEM** ..... BIRCH  
*Becky Wallace, rebecca.wallace@k12.wa.us*

**ASVAB CEP THE FOUNDATION FOR COLLEGE AND CAREER EXPLORATION** ..... MR #1  
*Dr. Steven Cook, steven.k.cook.civ@mail.mil*  
Learn how the ASVAB Career Exploration Program lays the foundation for High School and Beyond planning.

**RECRUITMENT, ENGAGEMENT, AND VALUE OF INDUSTRY ADVISORS/PARTNERS** ..... MR #2  
*Edson Barton, ebarton@precisionexams.com*  
Your local employers want to be engaged in CTE, but...they don't know how. Most often the disconnect between industry and education is that we don't speak the same language and our goals seem to be misaligned. This session will focus on understanding the practical road blocks to better industry engagement, and most importantly provide a proven process to engage with industry on a local level. This in-turn will drive tangible recognition and reward for you, your students, and your CTE programs! By the end of this session, you will know how to: 1) effectively communicate with and recruit industry partners; 2) more effectively and deeply engage students and teachers; and, 3) provide real ROI for your local employers – all with tools you already have today!

**POLYMER SCIENCE FOR THE TECH TEACHER** ..... MR #5  
*Andy Nydam, andrewnydam@hotmail.com*  
Natural and synthetic polymers are used extensively in the STEM classroom and industry. Basic chemistry for the tech teacher as formulation, application, and manufacturing.

**DECA IN THE CLASSROOM** ..... MR #7  
*Brenda Grabski, bgrabski@osd.wednet.edu*  
Are you looking for some ready to go plans that align the classroom with DECA, curriculum standards, and promote student-driven learning? Join Lori Hairston and Brenda Grabski for an interactive and engaging look at new resources developed by DECA to help teachers seamlessly connect DECA to the classroom.

2:15–5:15  
3-HR Session

**HANDS-ON WITH THE ARDUINO** ..... MR #6  
*Paul Osborne, posborne@lwsd.org*  
Learn-by-doing to program the Arduino single-board computer. All materials except a laptop provided, including breadboard, servos, and LEDs. Be introduced to the basics of programming and leave with a comprehensive set of resources. No programming experience required.

3:30–4:30  
1-HR Sessions

**CTE AND SKILL CENTER FUNDING UPDATES** ..... BIRCH  
*T.J. Kelly, thomas.kelly@k12.wa.us*  
This session will walk through the prototypical school funding formula as it relates to CTE and Skill Centers. Specific attention will be given to impacts of the recently passed 2017-19 biennial budget, and the change in the definition of the 1.0 annual average full-time equivalent student to take place in the 2018-19 school year.

**HAVING SUCCESSFUL CERTIFICATIONS IN THE CLASSROOM** ..... MR #1  
*Lori Monson, lori.monson@pearson.com*  
Give your students the edge with industry recognized certification. Learn how to deliver a program with successful pass rates and more. From promoting success in the classroom to practice test, your students can certify in Microsoft, Adobe, Autodesk, Entrepreneurship and small business, and Quickbooks. Join us to learn from other educators how to succeed in your classroom.

**PLTW AND CTE/STEM DIRECTORS - NETWORKING SESSION** ..... MR #2  
*Diane Lashinsky, dlashinsky@pltw.org*  
Network and Collaborate with WA State CTE and STEM Director colleagues about implementing and sustaining the best K-12 PLTW programs possible in your school district. PLTW Director of School Engagement (DSE) will facilitate session. Bring sample pathways, frameworks, and/or questions. Be willing to share your expertise.

# 2017 WA-ACTE Summer Conference

## WE ARE CTE...Fostering Success

Sunday, August 6

3:30–4:30

1-HR Sessions

**CONTINUED**

**PARTNERSHIPS – STUDENTS, COMMUNITY, AND AGENCIES IN TAHOLAH ..... MR #5**

*Jerry Walther, [jwalther@taholah.org](mailto:jwalther@taholah.org)*

Attendees will learn about the partnerships between the Taholah School District, Quinault Nation, federal conservation groups, colleges, and the community at large. Taholah School District currently provides information for research and design for these constituent cadres.

**EMPOWER STUDENTS TO EXPLORE THE LIMITLESS WORLD OF COMPUTING WITH CODE AVENGERS! ..... MR #10**

*Bailey Freeman, [bfreeman@ccilearning.com](mailto:bfreeman@ccilearning.com)*

No matter which field your students go into, computer science is changing it. With Code Avengers, CCI Learning brings the highest quality coding curriculum and teaching resources into the classroom. Learn how you can inspire the next generation of digital natives to learn and grow their technology skills in a supportive classroom environment.

**WHAT CAN WAME DO FOR YOU? ..... MR #7**

*Kari Toms, [kari.toms@comcast.net](mailto:kari.toms@comcast.net)*

WAME, Washington Association of Marketing Educators, is thrilled to connect with you! Presentation followed by roundtable with members from the WAME board.

3:30–5:30

2-HR Session

**WACTA EXECUTIVE BOARD MEETING ..... REDWOOD**

*Sly Boskovich, WACTA President, [sboskovich@fpschools.org](mailto:sboskovich@fpschools.org)*

4:45–5:45

1-HR Sessions

**FROM SUPERSHY TO SUPERSTAR ..... CEDAR**

*Jim Flatmo, [jflatmo@gmail.com](mailto:jflatmo@gmail.com)*

Students fear speaking in public, let's talk about how to make them confident public speakers!

**E3 EMPLOYABILITY.COM ..... MR #1**

*Jon Torrence, [jontorrence@e3employability.com](mailto:jontorrence@e3employability.com)*

- E3 (E3employability.com) is a free web-tool for educators to evaluate and improve employability skills
- Provides clear feedback to students showing employability strengths and those needing improvement
- Prepares students for the transition from school to work
- Provides an opportunity to earn industry certification showing potential employers for your students' skills
- Holds students accountable to the business and industry work standards in the classroom
- E3 provides an opportunity for your local businesses to post jobs, job shadows, or internships
- Utilizing the E3 evaluation will provide the evidence you need to recommend the strongest candidate

**ARE YOUR STUDENTS READY FOR THE 21ST CENTURY ADMISSIONS LANDSCAPE? ..... MR #2**

*Reetu Gupta, [reetu.gupta@circledin.com](mailto:reetu.gupta@circledin.com)*

Want to get your students ready and accepted into internships, colleges, and scholarship? With 925 colleges and universities making SAT/ACT optional, 40% of surveyed admission officers are scouring the internet to get holistic view of candidates. Will your students be ready for this changing admissions and recruitment process? Learn about this award-winning electronic portfolio that helps students highlight their best professional self and increase their acceptance rate. As a teacher, you get to know about your students holistically in 30 sec quick view. Join us for this workshop on how to build and grow students' digital footprint – the right way with award-winning Cirkled in.

5:00-7:00

2-HR Session

**HOSA EXECUTIVE BOARD MEETING ..... SKYBRIDGE**

*Karen Hay, Executive Director, [khay@lwsd.org](mailto:khay@lwsd.org)*

# 2017 SUMMER CONFERENCE "MONDAY" Across-the-Board Sessions

ROOMS	CEDAR	BIRCH	MAPLE	MR #1	MR #2	MR #4	MR #5	MR #6	MR #10	MR #11	MR #12	TERRACE E	TERRACE W
8:00-9:15	OPENING SESSION: Grand Ballroom C												
9:00-5:00	EXHIBITS: Grand Ballrooms A & B												
10:00-5:00	MICROSOFT TESTING: MR #8												
10:00-11:00	OSPI UPDATE by Program / Section												
PRESENTER	WACTA Becky Wallace	WSBEA, WAME, WA-CCER Lance Wrzesinski	WITEA, WASTS, WA-EE Dan Tedor, Denny Wallace	FACSE, HSCTE Mary Nagel, Marianna Goheen	CERTIFICATION 101	ELA Learning and Teaching Updates	STUDENT SUCCESS THROUGH CTISOs - A Student Perspective	FINANCIAL REALITY Fair Digital and Beyond	A How to Guide for Starting Youth Apprenticeship	EXTENDING CTE Pathways to the Baccalaureate Level	CTE BRAG SESSION	BOOT CAMP: Session 4	FOLLOW-UP FROM OPENING SESSION FOR CLASSROOM EDUCATORS
11:15-12:15	CTE Feedback Discussion	Claiming FTE for CTE and Skill Center Enhanced Funding	CORE PLUS How to Get Started (year 1)	Rethinking Dual Credit	CERTIFICATION 101	ELA Learning and Teaching Updates	STUDENT SUCCESS THROUGH CTISOs - A Student Perspective	FINANCIAL REALITY Fair Digital and Beyond	A How to Guide for Starting Youth Apprenticeship	EXTENDING CTE Pathways to the Baccalaureate Level	CTE BRAG SESSION	BOOT CAMP: Session 4	FOLLOW-UP FROM OPENING SESSION FOR CLASSROOM EDUCATORS
PRESENTER	Kathe Taylor, Becky Wallace	Becky McLean	Dan Parker, Deann Woods	Barb Dittrich, Kim Reykdal	Keili Bennett	Aira Jackson	CTSO Student Leaders	Suzanne Klenk	Bri Durham	PANEL: Tanya Powers	Dennis Conger	Lew Keliher	Jimmy Casas
12:15-1:15	BOXED LUNCH Served in Exhibit Room and Lobby by Registration (Your Name Badge is Your Meal Ticket)												
1:30-2:30	Statewide Equivalency Dialogue	Frameworks 101	CORE PLUS - Building on Skills (year 2)	Advanced Placement in CTE	Take a Deeper Dive into CPR/MOA Best Practices	Beyond Microsoft Office	JAG-WA & GRADS	UPCOMING CHANGES TO TECH PREP SERS SYSTEM	Fly High with the National Guard & CORE PLUS	Careers in Education and CTE Curriculum	AWB-EDUCATION AND BUSINESS COLLABORATION	BOOT CAMP: Session 5	THE SWISS TRIP 2017
PRESENTER	Kathe Taylor, Becky Wallace	Dan Tedor	Dan Parker, Tia Revera	Barb Dittrich	Marianna Goheen, Deffi Stolz	Lisa Speltz, Lance Wrzesinski	Denise Milleson, Mary Kanikeberg	Kathy Goebel	Dave Gering, Guard Repts	Alexandra Manuel	Amy Anderson	Lew Keliher	Tim Knue
2:45-3:45	Work Based Learning	Leadership In and Out of the Classroom	Course Approvals, Frameworks, and State Equivalencies	Career Bridge: Help Students Find Pathways to Success	Ethics: Doing What's Right	Updates of Washington State Learning Standards Panel	Updates for the Assessment System	Follow-Up from Opening Session for Administrators	Launching Core Plus Maritime	STEM Networks and CTE Working Together	CORE PLUS: How to Get Started (year 1)	BOOT CAMP: Session 6	LEGISLATURE & CTE ADVOCACY: Where Are We Now? What is Next?
PRESENTER	Lance Wrzesinski	Mary Nagel	Dennis Wallace	Marina Parr	TBD	Shannon Thissen, Aira Jackson, Ellen Ebert	Dawn Cope, Shelley O'Dell	Jimmy Casas	Andy Nydam	PANEL: Andy Shouse	Dan Parker, Deann Woods	Lew Keliher	Tim Knue, Jene Jones, Doug Meyer
4:00-5:00	Perkins 101	Automated Program Reapproval Process Update	Advisory Committees and Program Evaluation	The Value and Promise of Career and Technical Education	Communication and Advocacy	Demystifying the NGSS Science and Engineering Practices	Why CTISO? Expanding Opportunities for Student Leadership	Q & A	King County International Airport (KCIA) Boeing Field Airport of Opportunity	EverFI- 21st Century Life Skills in the Digital Age	CORE PLUS: Building on Skills (year 2)	BOOT CAMP: Session 7	PLTW: Go With STEM Curriculum for College and Career Readiness
PRESENTER	TBD	Dan Tedor	Dennis Wallace	Katie Fitzgerald	Nathan Olson	Ellen Ebert	CTSO Directors	Jimmy Casas	Tricia Diamond	Shannon Gedo	Dan Parker, Tia Revera	Lew Keliher	Diane Lashinsky
6:00-7:00	WA-ACTE DELEGATE ASSEMBLY Grand Ballroom C												

Visit OSPI OFFICE (MR #3 ) for DEEPER DIVE	Table 1	Table 2	Table 3	Table 4
11:15-12:15	CCI Certification		MOA Deep Dive	Frameworks and Program Questions
1:30-2:30	Curtis Steeksma		Deffi Stolz	Available Sups
2:45-3:45	AP Opportunities Deep Dive	JAG-WA Intermediate Training	Keili Bennett	Computer Science Deep Dive
4:00-5:00	Barb Dittrich	Mary Kanikeberg	Marianna Goheen	Shannon Thissen
		GRADS Deep Dive	Denise Milleson	

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**Monday, August 7**

7:00–5:00

**REGISTRATION OPEN** ..... **GRAND LOBBY**  
**CONTINENTAL BREAKFAST** ..... *Served in Lobby*  
*Section Tables 7:00 AM – 1:00 PM*

7:00–5:00

**OSPI OFFICE OPEN** ..... **MR #3**

7:15–7:50

**NEW MEMBER MEET & GREET** ..... **MR #1**

8:00–9:15

**OPENING SESSION** ..... **GRAND BALLROOM C**  
**Welcome & Conference Overview:**  
*Gene Wachtel, WA-ACTE President*

**KEYNOTE SPEAKER:**

**JIMMY CASAS**, *Senior Fellow for the International Center for Leadership in Education*  
 Jimmy Casas served 22 years as a school leader, including 14 years as Principal. Jimmy was named the 2012 Iowa Secondary Principal of the Year and was selected as one of three finalists for NASSP 2013 National Secondary Principal of the Year.

9:00–5:00

**EXHIBITS OPEN** ..... **GRAND BALLROOM A & B**  
*Washington CTE Foundation Silent Auction (in EXHIBIT Area)*

9:15–10:00

**NETWORKING COFFEE** ..... **LOBBY & EXHIBIT AREA**

10:00–5:00

**FREE MICROSOFT CERTIFICATION TESTING** ..... **MR #8**

10:00–11:00

**OSPI UPDATE by PROGRAM / SECTION**

**WACTA** ..... **CEDAR**  
*Rebecca Wallace, Executive Director, Career and Technical Education*

**WSBEA / WAME / WA-CCER** ..... **BIRCH**  
*Lance Wrzesinski, Business and Marketing Program Supervisor*

**WITEA / WASTS / WAEE** ..... **MAPLE**  
*Dan Tedor, STEM Program Supervisor*  
*Denny Wallace, Agriculture Education and Science Program Supervisor*

**FACSE / HSCTE** ..... **MR #1**  
*Mary Nagel, Family and Consumer Sciences Program Supervisor*  
*Marianna Goheen, Health and Human Sciences Program Supervisor*

11:15–12:15

**ACROSS-THE-BOARD SESSIONS**

**CTE FEEDBACK DISCUSSION** ..... **CEDAR**  
*Rebecca Wallace, rebecca.wallace@k12.wa.us*  
*Kathe Taylor, kathe.taylor@k12.wa.us*

Join Kathe Taylor, Learning and Teaching Assistant Superintendent, and Rebecca Wallace, CTE Executive Director, for feedback and discussion about Career and Technical Education.

**CLAIMING FTE FOR CTE AND SKILL CENTER ENHANCED FUNDING** ..... **BIRCH**  
*Becky McLean, becky.mclean@k12.wa.us*

This presentation covers calculating student's FTE enrolled in CTE class for CTE and Skill Center enhanced funding, and rules for claiming passing and advisory time. Additionally, we will cover the upcoming change to FTE calculation starting with the 2018-19 school year and the rules for claiming Work Based Learning experiences.

**CORE PLUS - HOW TO GET STARTED (YEAR 1)** ..... **MAPLE**  
*Dan Parker, daniel.t.parker@boeing.com*  
*Deann Woods*

This session will provide information on some best practices when implementing Core Plus to an existing or new manufacturing program. We will review curriculum, credit equivalency, professional development, and much more!



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Monday, August 7

11:15–12:15

### ACROSS-THE-BOARD SESSIONS - continued

#### RETHINKING DUAL CREDIT ..... MR #1

Barbara Dittrich, [barbara.dittrich@k12.wa.us](mailto:barbara.dittrich@k12.wa.us)

Kim Reykdal, [kim.reykdal@k12.wa.us](mailto:kim.reykdal@k12.wa.us)

Employers need well-educated, prepared workers who can thrive in an ever-changing economy. Ensuring student access to career and tech-based dual credit opportunities that meet the needs of various learning styles and goals helps educators and policy makers re-envision our dual credit system, setting all students up for success.

#### CERTIFICATION 101 ..... MR #2

Kelli Bennett, [kelli.bennett@k12.wa.us](mailto:kelli.bennett@k12.wa.us)

Understanding CTE Certification, diving into the E-Cert system, and time for a Q&A. Bring your questions!

#### ELA LEARNING AND TEACHING UPDATES ..... MR #4

Aira Jackson, [aira.jackson@k12.wa.us](mailto:aira.jackson@k12.wa.us)

Participants will review the Washington State Learning System and learn strategies to enhance literacy instruction in CTE courses.

#### STUDENT SUCCESS THROUGH CTSOS - A STUDENT PERSPECTIVE ..... MR #5

CTSO Student Leadership

Come learn about the benefits of CTSO membership, career preparation, and unique extended leadership opportunities offered in the state established CTSOs: DECA, FBLA, FCCLA, FFA, HOSA, SkillsUSA, TSA, and WCTSMA direct from their state student officers.

#### FINANCIAL REALITY FAIR DIGITAL AND BEYOND ..... MR #6

Suzanne Klenk, [sklenk.wsecu.org](http://sklenk.wsecu.org)

Financial Literacy is a key component in education. Real life financial literacy is a key to life success. This interactive simulation transports students into a "Life after College" scenario where education financing decision consequences are played out. Career choices, purchasing choices and Financial Coaching are all a part of this educational simulation that moves easily from a large group experience to a classroom setting.

#### A HOW TO GUIDE FOR STARTING YOUTH APPRENTICESHIP ..... MR #10

Bri Durham, [bdurham@ajactraining.org](mailto:bdurham@ajactraining.org)

This informational workshop is designed to introduce the Washington Youth Apprenticeship program and highlight options and best practices for communities looking to start new programs in the future. The workshop will include step by step instructions for partnering with an established apprenticeship committee (for existing apprenticeship occupations) and/or establishing a local apprenticeship committee for non-traditional occupations not currently available in your community. Representatives from AJAC and L&I's Apprenticeship Division will host the session.

#### EXTENDING CTE PATHWAYS TO THE BACCALAUREATE LEVEL ..... MR #11

Tanya Powers, [tpowers@highline.edu](mailto:tpowers@highline.edu)

This panel discussion will focus on the rise of the Bachelor of Applied Science (BAS) degree, available now at 75% of the community and technical colleges in Washington State. Constructed from two year technical degrees in high demand areas, they extend the educational pathway that begins with your CTE program.

#### CTE BRAG SESSION ..... MR #12

Dennis Conger, [conger.d@wenatcheeschools.org](mailto:conger.d@wenatcheeschools.org)

I know you are awesome and doing wonderful things in your district! I need to learn from you and so do the rest of the attendees. Please come and share what cool things you are doing. Each presenter will be given 5 minutes to share. Up to 10 speakers total, First come first serve. Computer and projector will be available if you wish, bring anything you like, or just tell us. A roster of contact information will be developed from the participants and shared out for further dialogue.

#### FOLLOW-UP FROM OPENING SESSION FOR CLASSROOM EDUCATORS ..... TERRACE WEST

Jimmy Casas

Jimmy Casas will present a workshop for classroom educators.

#### CTE PLAN 2 PLUS YOU BOOT CAMP ..... TERRACE EAST

Lew Keliher, Facilitator

#### SESSION 4 ..... UNDERSTANDING FRAMEWORKS / GOALS

Lance Wrzesinski, [lance.wrzesinski@k12.wa.us](mailto:lance.wrzesinski@k12.wa.us)

- How frameworks tie to lesson planning
- Teacher Evaluation and Data needed to show growth

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### DEEPER DIVE

**VISIT OSPI OFFICE** ..... MR #3  
**TABLE 1:** CCI Certification - Curtis Steeksma  
**TABLE 3:** MOA Deep Dive - Deifi Stolz  
**TABLE 4:** Frameworks and Program Questions - Available Supervisors

12:15–1:15

**BOXED LUNCH with EXHIBITORS** ..... (Name Badge is your Lunch Ticket)

1:30–2:30

### ACROSS-THE-BOARD SESSIONS

**STATEWIDE EQUIVALENCY DIALOGUE** ..... CEDAR  
*Kathe Taylor, [kathe.taylor@k12.wa.us](mailto:kathe.taylor@k12.wa.us)*  
*Rebecca Wallace, [rebecca.wallace@k12.wa.us](mailto:rebecca.wallace@k12.wa.us)*  
Come join Assistant Superintendent Kathe Taylor and Executive Director Becky Wallace to engage in a dialogue related to state board equivalent frameworks. Discuss best practices for engaging content and CTE leaders to maximize impact to students, as well as inform the course equivalency plan for the 2017-2018 school year and beyond.

**FRAMEWORKS 101** ..... BIRCH  
*Dan Tedor, [dan.tedor@k12.wa.us](mailto:dan.tedor@k12.wa.us)*  
Questions about developing frameworks and easing the framework process? Come learn about framework development, appropriate academic and industry standards, and available resources when designing your course framework.

**CORE PLUS–BUILDING ON SKILLS (YEAR 2)** ..... MAPLE  
*Dan Parker, [daniel.t.parker@boeing.com](mailto:daniel.t.parker@boeing.com)*  
*Tia Rivera*  
Identifying 2nd-year pathways that are available in Core Plus, including Aerospace, Maritime, and Mechatronics.

**ADVANCED PLACEMENT IN CTE** ..... MR #1  
*Barbara Dittrich, [barbara.dittrich@k12.wa.us](mailto:barbara.dittrich@k12.wa.us)*  
Learn how AP and CTE can blend together.

**DEEPER DIVE INTO CPR/MOA BEST PRACTICES, PREPARE FOR PROGRAM REVIEW** ..... MR #2  
*Marianna Goheen, [marianna.goheen@k12.wa.us](mailto:marianna.goheen@k12.wa.us)*  
*Deifi Stolz, [deifi.stolz@k12.wa.us](mailto:deifi.stolz@k12.wa.us)*  
This interactive session will provide comprehensive information for Consolidated Program Review (CPR) and Methods of Administration (MOA) to include the expectations for districts. Learn about the onsite and electronic submission process. Learn about the importance of collaboration with the staff in the district and site buildings. Hear from small and large districts on how they prepare documentation.

**BEYOND MICROSOFT OFFICE: NEW COMPUTER SCIENCE COURSEWARE AND INDUSTRY CERTIFICATIONS** ..... MR #1  
*Lisa Speltz, [v-lispel@microsoft.com](mailto:v-lispel@microsoft.com)*  
*Lance Wrzesinski, [lance.wrzesinski@k12.wa.us](mailto:lance.wrzesinski@k12.wa.us)*

Only 1 in 4 high schools teach Computer Science, but STEM jobs are growing faster than ever! Do your students have the skills needed to fill this demand? Explore the new Computer Science content and MTA certifications to help your students develop fundamental skills – resources are free through Imagine Academy.

**JWG AND GRADS - HELPING DISCOURAGED LEARNERS OVERCOME BARRIERS** ..... MR #5  
*Denise Milesen, [denise.milesen@k12.wa.us](mailto:denise.milesen@k12.wa.us)*  
Working with discouraged learners and helping them to overcome some of the barriers they face. This presentation will provide an overview of the success and resources of the Jobs for Washington Graduates students and the GRADS/Teen Parent programs.

**UPCOMING CHANGES TO TECH-PREP SERS SYSTEM** ..... MR #6  
*Kathy Goebel, [kgoebel@sbctc.edu](mailto:kgoebel@sbctc.edu)*  
This interactive presentation will provide information about changes to the Statewide Enrollment Reporting System (SERS) for Career and Technical Education dual-credit classes. Audience members will be introduced to new security protocols and accessibility features that will enhance this online tool. Strategies to inform students about new registration procedures and course tracking will also be discussed.

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1:30–2:30

**ACROSS-THE-BOARD SESSIONS - continued**

**FLY HIGH WITH THE NATIONAL GUARD & CORE PLUS ..... MR #10**

*Dave Gering, dgering@seattleindustry.org*  
*National Guard Representatives*

Special events, field trips, and other resources are available through the partnership between the Washington Army National Guard and Core Plus. Learn how to connect with these resources. You don't need to be a Core Plus teacher to tap into the network.

**CAREERS IN EDUCATION CURRICULUM: Upcoming Professional Development Tools .... MR #11**

*Alexandra Manuel, alexandra.manuel@k12.wa.us*

A guided introduction to the Recruiting Washington Teacher – Careers in Education curriculum. The curriculum, adopted in June 2015, brings the previous CIE curriculum into alignment with the industry standards to become a teacher in Washington and focuses on supporting a diverse group of students preparing to be future teachers. This year the Center for Strengthening the Teaching Profession has been developing an interactive professional development hosted on Canvas.

**AWB-EDUCATION AND BUSINESS COLLABORATION ..... MR #12**

*Amy Anderson, amya@awb.org*

A discussion about how business and education can work together to develop programs that provide a practical application of theoretical curriculum including Career and Technical Education, teacher externships, and student internships.

**THE SWISS TRIP 2017 - Switzerland's Vocational Education & Training System .... TERRACE WEST**

*Tim Knue, tim@wa-acte.org*

Hear about what was observed and learned by the Washington State Delegation from their 10-day trip to the ETH CEMETS Institute in Zurich, Switzerland to study the "Dual Track Education System" where approximately 70% of Swiss students coming out of compulsory education decide to take a Vocational Education and Training pathway. There are many takeaways that can inform the education system in Washington State in the future.

**CTE PLAN 2 PLUS YOU BOOT CAMP ..... TERRACE EAST**

*Lew Keliher, Facilitator*

**SESSION 5 ..... CTE TOP 10 LIST**

*James Sullivan, STEM Instructor, Edmonds SD, sullivanj@edmonds.wednet.edu*

- How to start with focus and end with students understanding what they did and learned that day
- How to bring SNOJ and Vegas to your program

**DEEPER DIVE**

**VISIT OSPI OFFICE ..... MR #3**

**TABLE 3:** Certification - Kelli Bennett

**TABLE 4:** Computer Science Deep Dive - Shannon Thissen

2:45–3:45

**ACROSS-THE-BOARD SESSIONS**

**WORK BASED LEARNING ..... CEDAR**

*Lance Wrzesinski, lance.wrzesinski@k12.wa.us*

What's up with Work Based Learning? Will be presenting updates and the why and hows of using Work Based Learning in your programs.

**LEADERSHIP IN AND OUT OF THE CLASSROOM ..... BIRCH**

*Mary Nagel, mary.nagel@k12.wa.us*

Come learn how to grow your skills about alignment of 21st century leadership skills inside and outside of the classroom. We will work with the new tools and resources developed by OSPI and the CTSOs.

**COURSE APPROVALS, FRAMEWORKS, AND STATE EQUIVALENCIES, OH MY! ..... MAPLE**

*Denny Wallace, dennis.wallace@k12.wa.us*

This workshop will cover the basics of the course approval system, the resources related to framework development, and provide updates regarding the available state equivalency frameworks.

**FOLLOW-UP FROM OPENING SESSION FOR ADMINISTRATORS ..... MR #6**

*Jimmy Casas*

Jimmy Casas will present a workshop for administrators.

**CORE PLUS - HOW TO GET STARTED (YEAR 1) ..... MR #12**

REPEAT of 11:15

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2:45–3:45

### **ACROSS-THE-BOARD SESSIONS - continued**

#### **CAREER BRIDGE: HELP STUDENTS FIND PATHWAYS TO SUCCESS ..... MR #1**

*Marina Parr, [marina.parr@wtb.wa.gov](mailto:marina.parr@wtb.wa.gov)*

Learn to help your students connect with education and careers on Washington Career Bridge. This free state website features a career quiz, thousands of education programs, labor market details on how much jobs pay in Washington, and much more! This interactive presentation delivers tangible takeaways you can use right away!

#### **A CASE FOR ETHICS: DOING WHAT'S RIGHT ..... MR #2**

*TBD*

Ethics and ethical decision-making are the ultimate business advantage. In partnership with the Daniels Fund, MBA Research is developing free new course guides and learning modules changing the way that business administration teachers teach ethics in business nationwide. This session will make you want to implement the curriculum right away!

#### **STANDARDS PANEL: ELA, SCIENCE, COMPUTER SCIENCE ..... MR #4**

*Shannon Thissen, [shannon.thissen@k12.wa.us](mailto:shannon.thissen@k12.wa.us)*

*Aira Jackson, [aira.jackson@k12.wa.us](mailto:aira.jackson@k12.wa.us)*

*Ellen Ebert, [ellen.ebert@k12.wa.us](mailto:ellen.ebert@k12.wa.us)*

Come learn how you can support your student's success in Science, ELA, and Computer Science. Connect with OSPI content leadership and discuss how these three topics can become part of your courses.

#### **UPDATES FOR THE ASSESSMENT SYSTEM ..... MR #5**

*Dawn Cope, [dawn.cope@k12.wa.us](mailto:dawn.cope@k12.wa.us)*

*Shelley O'Dell, [shelley.odell@k12.wa.us](mailto:shelley.odell@k12.wa.us)*

OSPI staff will share updates about the Smarter Balanced Assessment system and the new science assessments coming in spring 2018. The ELA update will include ideas for implementation of the Smarter Balanced interims, Digital Library, and summative assessment. The science update will answer frequent questions about the new science assessments.

#### **LAUNCHING CORE PLUS MARITIME ..... MR #10**

*Andy Nydam, [andrewnydam@hotmail.com](mailto:andrewnydam@hotmail.com)*

Learn how the Core Plus curriculum is being adapted to boat building, repair and other aspects of marine technology. The curriculum effort is sponsored by the Port of Seattle and the Manufacturing Industrial Council of Seattle.

#### **STEM NETWORKS AND CTE WORKING TOGETHER ..... MR #11**

*Dr. Andy Shouse, [andy@washingtonstem.org](mailto:andy@washingtonstem.org)*

A moderated panel discussion between CTE Directors and STEM Network Directors on how they are working together to support and scale highly effective Career Connected Learning opportunities for high demand, high skilled careers throughout their regions.

#### **THE LEGISLATURE & CTE ADVOCACY: *Where are we now? What is new? ....* TERRACE WEST**

*Tim Knue, [tim@wa-acte.org](mailto:tim@wa-acte.org)*

*Jene Jones, [jene@legislativesolutions.info](mailto:jene@legislativesolutions.info)*

*Doug Meyer, [doujan712@gmail.com](mailto:doujan712@gmail.com)*

Washington State CTE got a win in the legislature this year, so what does that mean? How we got what we did and what that means for CTE going forward with possible next steps at both the district and state levels. Also hear a federal update from Doug Meyer, ACTE Past President, on the status of Perkins activities in D.C.

#### **CTE PLAN 2 PLUS YOU BOOT CAMP ..... TERRACE EAST**

*Lew Keliher, Facilitator*

#### **SESSION 6 ..... BUDGETS AND PAPERWORK**

*Gene Wachtel, CTE Director, Lake Stevens SD, [gene\\_wachtel@lkstevens.wednet.org](mailto:gene_wachtel@lkstevens.wednet.org)*

- Intro of the paperwork/funding/accounts and all that makes CTE work

**DEEPER DIVE**

#### **VISIT OSPI OFFICE ..... MR #3**

**TABLE 1:** AP Opportunities - Barb Dittrich

**TABLE 2:** JAG-WA Intermediate Training - Mary Kanikeberg

**TABLE 3:** CPR Deep Dive - Marianna Goheen

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4:00–5:00

### ACROSS-THE-BOARD SESSIONS

**PERKINS 101** ..... CEDAR  
*TBD*

This introduction will cover the basic information to Perkins grants - allowable and unallowable expenditures, changes to the Perkins application, and FAQs!

**AUTOMATED PROGRAM REAPPROVAL PROCESS UPDATE** ..... BIRCH  
*Mary Nagel, mary.nagel@k12.wa.us*  
*Dan Tedor, dan.tedor@k12.wa.us*

This workshop will dive into the new program approval process. Participants can expect to see the tool in action and tips on how to prepare for the change to be implemented this year.

**ADVISORY COMMITTEES AND PROGRAM EVALUATION** ..... MAPLE  
*Denny Wallace, dennis.wallace@k12.wa.us*

What guidelines direct the work of the committees and responsibilities of members, teachers, and directors? How does the law affect the scope and sequence of work? Attendees will receive resources related to program evaluations to meet advisory committee requirements.

**THE VALUE AND PROMISE OF CAREER AND TECHNICAL EDUCATION** ..... MR #1  
*Katie Fitzgerald, kfitzgerald@careertech.org*

In April 2017, Advance CTE released "The Value and Promise of Career Technical Education: Results from a National Survey of Parents and Students." Supported by the Siemens Foundation, this report, drawing on findings from focus groups and a national survey, explores the attitudes of parents and students currently involved in CTE as well as prospective CTE parents and students, to help CTE leaders and supporters better communicate the benefits of CTE to those critical audiences. The report is stock full of compelling facts and figures, and key takeaways that can support any engagement or recruitment strategy into CTE pathways.

**COMMUNICATIONS AND ADVOCACY** ..... MR #2  
*Nathan Olson, nathan.olson@k12.wa.us*

Come learn from OSPI's Communication Director, Nathan Olson, on tips related to communicating and building support related to your CTE program.

**DEMYSTIFYING THE NGSS SCIENCE AND ENGINEERING PRACTICES AS THEY RELATE TO CTE/SCIENCE EQUIVALENCIES.** ..... MR #4  
*Ellen Ebert, ellen.ebert@k12.wa.us*

This session will focus on using the Performance Assessments of the CTE/Science Equivalency Frameworks to include a focus on the NGSS Science and Engineering Practices. Bring your framework and learn how to connect the NGSS Science and Engineering Practices with the Framework performance assessments.

**WHY CTSO? EXPANDING OPPORTUNITIES FOR STUDENT LEADERSHIP** ..... MR #5  
*CTSO Directors*

Come to the CTSO Executive Director/Staff panel to learn about the benefits of membership and unique extended leadership opportunities offered in the state established CTSOs: DECA, FBLA, FCCLA, FFA, HOSA, SkillsUSA, TSA, and WCTSMA.

**KING COUNTY INTERNATIONAL AIRPORT BOEING FIELD AIRPORT OF OPPORTUNITY** MR #10  
*Tricia Diamond, tdiamond@kingcounty.gov*

KCIA via the King County Aerospace Alliance has developed a program for 2017-2018 academic year which includes five components: paid high school internships offering academic credit, airport tour program with corresponding curriculum, curriculum development for K-12 project based learning, career mapping, and retraining opportunities for adults. Partnering with organizations to provide secondary and postsecondary students with work based learning airport career opportunities, coupled with curriculum and lessons to support STEM classes at middle and high schools, KCAA aims to support CTE teachers, students, schools, and districts in career mapping of airport careers.

**EVERFI-21ST CENTURY LIFE SKILLS IN THE DIGITAL AGE** ..... MR #11  
*Shannon Gedo, sgedo@everfi.com*

From financial literacy to STEM, digital citizenship, and business planning, EverFi's courses help tackle the career and college preparedness issues facing students today. Participants will learn how to integrate EverFi's no cost, digital programs to work in their classrooms to enhance core curriculum and engagement. And, the best part, it's all free!



**2017 WA-ACTE Summer Conference**  
**WE ARE CTE...Fostering Success**

**Monday, August 7**

**4:00–5:00**

REPEAT of 1:30

**ACROSS-THE-BOARD SESSIONS - continued**

**CORE PLUS - BUILDING ON SKILLS (YEAR 2) ..... MR #12**

**PLTW - GO WITH THE LEADER IN STEM CURRICULUM FOR COLLEGE & CAREER READINESS  
 TERRACE WEST**

*Diane Lashinsky, dlashinsky@pltw.org*

Project Lead the Way is the leading provider of STEM curriculum nationally - and we're growing! Come to this session to get started and/or to hear about the latest at PLTW to ensure your current program is the best it can be.

**CTE PLAN 2 PLUS YOU BOOT CAMP ..... TERRACE EAST**

*Lew Keliher, Facilitator*

**SESSION 7A ..... What are WA-ACTE & ACTE and why are they important?**

*Tim Knue, WA-ACTE Executive Director and Doug Meyer, ACTE Past President*

- Tim & Doug will introduce information on the support from and value of these organizations

**SESSION 7B ..... How to run a CTSO and what is Equivalency Leadership?**

*Lew Keliher, CTE Director, Auburn SD, lkeliher@auburn.wednet.edu*

- Information on CTSO's and paperwork on equivalency

DEEPER DIVE

**VISIT OSPI OFFICE ..... MR #3**

**TABLE 2: GRADS Deep Dive - Denise Mileson**

**6:00–7:00**

**WA-ACTE DELEGATE ASSEMBLY ..... GRAND BALLROOM C**

**Reminder:**  
**BACKPACKS**  
 for KIDS

**Enjoy Networking With  
 Colleagues  
 The Grand Terrace  
 (Rooftop Deck)**

◆◆◆◆◆

**The Terrace Bar  
 Hours**

**Monday-Friday ◆ 3 pm-11 pm  
 Saturday-Sunday ◆ Noon-11 pm**

**TUESDAY  
 7:00 AM–9:00 AM**

**WA-ACTE HOSTED  
 AWARDS BREAKFAST**

Sponsored by  
**CENTER OF EXCELLENCE  
 for AEROSPACE &  
 ADVANCED MANUFACTURING**

**OPEN to ALL Attendees**



# 2017 WA-ACTE Summer Conference

## WE ARE CTE...Fostering Success

Tuesday, August 8

7:00–9:00

**WA-ACTE AWARDS BREAKFAST SESSION ..... GRAND BALLROOM A & B**

*Sponsored by: CENTER OF EXCELLENCE for AEROSPACE & ADVANCED MANUFACTURING*

*Guest Speaker: RAY CONNER, The BOEING Company*



**REGISTRATION OPEN ..... GRAND LOBBY**

9:30–4:00

**FREE MICROSOFT CERTIFICATION TESTING ..... MR #8**

**OFF-SITE SESSIONS ..... NEWTECH SKILL CENTER**

8:00–4:00

**STEM TRAINING - FLIGHT (REQUIRES PRE-REGISTRATION) ..... ROOM 134**

9:00–3:30

**ARDUINO PROGRAMMING FOR AUTONOMOUS ROBOTICS ..... ROOM S-211**

*Levi Wilson, lwilson@mymindsi.com*

Learn about the exciting world of Robotics Programming in this hands-on workshop. In the workshop we will build an understanding of sensors, code, and actuators that make Autonomous Robotics work. Attendees need to bring a Laptop or Surface Pro.

9:30–4:00

**PORTABLE TRAINING SYSTEMS & AMATROL ELEARNING TO ENHANCE CORE .... ROOM A-137**

*Tom Diehl, tom@kleineducational.com*

This will be a hands on workshop incorporating Amatrol eLearning/multimedia with Amatrol, Lincoln, and SIMLOG training systems that can enhance CORE programs and lead to additional future certifications.

9:15–4:45

**(6-HR SESSION) TEACHING FORENSICS ..... TERRACE WEST**

*Gretchen Williams, williams\_gk@yahoo.com*

Come learn more about Gretchen's year-long forensic science class offering five different disciplines within the field: forensic anthropology, forensic taphonomy, forensic pathology, forensic entomology, and crime scene investigation. She currently teaches students how to view forensics through the eyes of a death investigator using authentic documents and resources from the Thurston County Coroner's Office.

9:15–10:15

**NETWORKING ROOM ..... BIRCH**

**SERB - TCTW SCHOOL INVOLVEMENT FRAMEWORK INDICATORS ..... CEDAR**

*Debra LaMothe, debra.lamothe@sreb.org*

SREB's Technology Centers That Work school improvement framework and indicators are designed to prepare students for college and careers.

**MATH IN VIDEO GAMES ..... MAPLE**

*Jim Flatmo, jflatmo@gmail.com*

Math in Video Games will cover some of the common applications of higher-level math as it pertains to video game design/programming instruction and give learners a short overview of these processes. This hands-on workshop will focus more on understanding the application of the math as opposed to the actual calculations/processes.

**LIFE SMARTS ..... MR #1**

*Suzanne Klenk, sklenk@wsecu.org*

LifeSmarts is a team-based interactive consumer education and financial literacy program for teens. The annual competition is run by the National Consumers League. Students are tested on their knowledge of personal finance, health and safety, the environment, technology, and consumer rights and responsibilities. Each team has the opportunity to compete for the chance to attend the National Competition and earn individual scholarships. Come experience a live competition and take away tools to get your students excited and involved!

# 2017 WA-ACTE Summer Conference

## WE ARE CTE...Fostering Success

Tuesday, August 8

9:15–10:15

*continued*

**TEEN LABOR LAWS** ..... MR #2

*Josie Bryan, josie.bryan@lni.wa.gov*

Teen laws, hours of work, prohibited work, and student learner exemption.

**STUDENT SUCCESS IN POSTSECONDARY HEALTH SCIENCE EDUCATION** ..... MR #3

*Kyle Ross, kwross@wsu.edu*

This session will focus on what common requirements are reviewed for entry into competitive health sciences programs, and how students can best prepare for meeting those requirements. Discussion of preparation for college-level science courses and how students can demonstrate their commitment to a chosen career.

**CASE CURRICULUM LABS - AGRISCIENCE BASED** ..... MR #4

*Jennie Wagner, jwagner@mlsd.org*

CASE curriculum is standard based, performance based, and hands-on learning. I have a variety of labs I can present from water quality to soil science to plant subjects. I would focus on using the lab quest equipment as well as plant tissue tests and nutrient tests.

**JROTC FOR NEWBIES, HOW TO START THE SCHOOL YEAR RIGHT** ..... MR #6

*Jud Kelley, jkelley@bethelsd.org*

This roundtable discussion will focus on kicking off your JROTC program well, whether or not you have attended your service specific instructor training course. Our objective is to pass on tips from experienced instructors from quality programs to help you succeed in and out of the classroom.

**WHAT'S UP IN FBLA** ..... MR #10

*Mike Oechsner, mike@wafbla.org*

There's always something new in FBLA! Come to learn about changes in program, competitive events, and opportunities for your students!

**INDUSTRY CERTIFICATIONS** ..... MR #11

*Ariel Dykstra, adykstra07@ewu.edu*

*Taryn Fletcher, tfletcher@ewu.edu*

Project-based learning provides students with opportunities to learn software products used in today's business world through workplace simulations. Using workplace scenarios develops problem solving and critical thinking skills that prepares students to take industry certifications recognized and sought out by employers.

**FREE TRAINING TOOLS AND MICROSOFT CERTIFICATION FOR WA SCHOOLS** ..... MR #12

*Lisa Speltz, v-lispel@microsoft.com*

Will your students be ready for the workforce when they graduate? Join this session to learn how the Microsoft Imagine Academy educational program is helping students and teachers across the globe obtain highly sought after industry certifications. Don't miss out on these free resources and certifications – get your students certified!

**TEACHING COMPUTER SCIENCE: Scope, Sequence, Teaching Strategies** ..... TERRACE EAST

*Adam Smith, asmith@cheneyisd.org*

Coding has become an education buzz word. But how do you make sense of all of the resources, organizations, and acronyms to make the best choices for students? This session addresses this and gives an overview CS with hands-on examples and ideas on how to create a CS Pathway.

10:30–11:30

**ADVOCACY AND LEGISLATIVE ENGAGEMENT** ..... CEDAR

*Eric Wolf, eric.wolf@wtb.wa.gov*

Learn tips and tricks for effectively gaining access to your legislators and making a bigger impact with your advocacy efforts.

**GET KIDS HOOKED ON THE RIGHT DRUGS** ..... BIRCH

*Scott Le Duc, sleduc@osd.wednet.edu*

Learn about the chemical reactions that happen in the brain when students set goals, struggle, fail, and succeed. Learn how to integrate this knowledge into class activities

**VIDEO GAME DESIGN ROUNDTABLE** ..... MAPLE

*Jim Flatmo, jflatmo@gmail.com*

Roundtable for Video Game Design teachers to discuss best practices within their programs.

# 2017 WA-ACTE Summer Conference

## WE ARE CTE...Fostering Success

Tuesday, August 8

10:30–11:30

*continued*

### **BEHAVIOR STYLES FOR SCHOOLS: Facilitate Relationship Building and Understanding in Your Classroom and Beyond ..... MR #1**

*Dr. Patrice De La Ossa, patrice.delaossa@gmail.com*

Learn how to facilitate student's ability to identify the difference between behavior and personality, preferred behavior style, and how to "read" other individual's behavior in the classroom and social situations. Social skills are essential for success in all career aspirations and in student's academic performance. Behavior Style for Schools provides the essential framework for students.

### **CAREER GUIDANCE: HIGH SCHOOL & BEYOND PLANNING ..... MR #2**

*Danise Ackelson, danise.ackelson@k12.wa.us*

This presentation will provide updates, resources, and information about Career Guidance WA for career counselors and specialists for Career Counseling Employment Readiness (CCER). Participants are encouraged to bring laptop computers for a hands-on experience to learn about career readiness and "college" readiness.

### **ENCOURAGING DIVERSE POPULATIONS TOWARD HEALTH SCIENCES ..... MR #3**

*Kyle Ross, kwross@wsu.edu*

This session will focus on effective practices to engage diverse student populations in the health sciences field and what educational barriers specifically exist for these groups. We will have a discussion of establishing mentoring relationships and student support to pursue this pathway.

### **FISHERIES AND THE TAHOLAH SCHOOL ON THE QUINULT NATION/RESERVATION ..... MR #4**

*Jerry Walther, jwalther@taholah.org*

Attendees will learn of the cooperative effort between the Quinault Nation fisheries program and the Taholah School District's Fish and Wildlife Career and Technical Education Program. These two entities are partnering together to help restore salmon runs in small streams and tributaries that feed into the Pacific Ocean.

### **SKILLSUSA AS YOUR CTSO ..... MR #5**

*Brandon Hirst, bhirst@gmail.com*

Getting started with SkillsUSA. Learn the basics for starting your chapter.

### **CROSS ACCREDITATION: EXPANDING CADET OPTIONS THRU JROTC CORE CREDITS . MR #6**

*Jud Kelley, jkelley@bethelsd.org*

This roundtable discussion will focus on cross accreditation procedures for JROTC courses. By awarding credits in other disciplines you open up more career and college options for your cadets as they fulfill their 24 credit requirements to graduate.

### **USING COMPUTER SCIENCE STANDARDS FOR SCOPE & SEQUENCE, PATHWAYS ..... MR #10**

*Shannon Thissen, shannon.thissen@k12.wa.us*

*Juan Lozano, juan.lozano@highlineschools.org*

Learn how the Computer Science standards delineate a core set of learning objectives designed to provide the foundation for a complete CS curriculum and its implementation at the K–12 level. Hear how they can increase rigorous computer science for all students, especially those who are members of underrepresented groups.

### **TAKE CHARGE OF SAVING (INTRO) ..... MR #11**

*Allison McFadden, amcfadden@osd.wednet.edu*

Explore the new 2016 WA State Financial Education Standards. Discover how you can integrate them into your curriculum with Take Charge Today's Introductory level lesson in Saving! Dive into the lesson plan and supporting materials of "Pay Yourself First" so you're ready for next year.

### **RECOGNIZING AND PREVENTING IDENTITY THEFT AND FRAUD ..... MR #12**

*Katrina Roy, katrina.roy@dfi.wa.gov*

*Lyn Peters, lyn.peters@dfi.wa.gov*

Identity theft is a problem that gets worse with time. This presentation will teach attendees how they can protect themselves, and their students, from becoming fraud victims.

### **TEACHING TEACHERS TO TEACH PROGRAMMING ..... TERRACE EAST**

*Paul Osborne, posborne@lwsd.org*

With modest training CTE teachers can teach programming, add programming to existing classes, and advise programming-related clubs. Rich with demonstrations and resources content is drawn from the Continuing Education course now offered by the Lake Washington SD.



# 2017 WA-ACTE Summer Conference

## WE ARE CTE...Fostering Success

Tuesday, August 8

11:45–1:30

**NETWORKING LUNCHEON BUFFET** ..... **SERVED IN THE LOBBY**  
*Pick up your lunch and spend time networking with your colleagues!!*

**THE SECTIONS BELOW HAVE DESIGNATED SPECIFIC LUNCHEON OPPORTUNITIES:**

**WAAE** ..... **MR #4**  
**COURSE EQUIVALENCY NETWORKING LUNCHEON**

**WACTA AWARDS LUNCHEON** ..... **CEDAR**  
*Sly Boskovich, WACTA President*

*WACTA Awards Luncheon and new officer installation for the Washington Association of Career and Technical Administrators. This luncheon is for WACTA members.*

**WA-CCER NETWORKING LUNCHEON** ..... **MR #2**  
*Nora Zollweg, WA-CCER President*

**WASTS LUNCHEON** ..... **MR #5**  
**CREATING PRESENTATIONS THAT DON'T SUCK**  
*Speaker, Scott Le Duc*

*We have all been stuck in slide-show presentations that were stale and boring. It seems at times that they were engineered to confound the mind. Well, research confirms what we felt; slide-shows can interfere with learning. This workshop will also include how to use your voice with power and poise!*

**HSCTE NETWORKING & JOB-ALIKE Working Lunch** ..... **MR #3**  
*A time for job-alike groups to share curriculum, lessons, assessments, and student work. You are encouraged to also share positive and negative feedback on equipment, materials, supplies, software, and commercial curriculum at this time.*

1:45–2:45

**5S EXPANDING THE WORKPLACE ORGANIZATION METHOD INTO THE CLASSROOM** ... **CEDAR**  
*Marty Sugerik, [marty.sugerik@sreb.org](mailto:marty.sugerik@sreb.org)*

*This session will share techniques for applying the 5S workplace organization method to the classroom. Participants will explore 5S through snapshots of business and industry tours to see how we can apply them to the classroom.*

**TPEP BINGO** ..... **BIRCH**  
*Scott Le Duc, [sleduc@osd.wednet.edu](mailto:sleduc@osd.wednet.edu)*

*While participating in conference sessions pay attention to what activities can help you gather artifacts and evidence for TPEP. This workshop will help you gamify the process of yearly evaluations, National Board prep, re-certifying, etc.*

**EDUCATION ISN'T A GAME - BUT MAYBE IT SHOULD BE!** ..... **MAPLE**  
*Jim Flatmo, [jflatmo@gmail.com](mailto:jflatmo@gmail.com)*

*Learn to use principles of Game Design to increase engagement with your students!*

**INCORPORATING CAREER EXPLORATION INTO CTE COURSES** ..... **MR #1**  
*Kate Atvars, [katvars@lwsd.org](mailto:katvars@lwsd.org)*

*This session focuses on best practices of incorporating career exploration into all aspects of CTE courses, including engaging student activities, relevant lesson plans, and guidance in aligning frameworks, skills gaps, and programs of study.*

**CAREER CRUISING FOR BEGINNERS AND BEYOND** ..... **MR #2**  
*Angelina Earley, [angelinae@careercruising.com](mailto:angelinae@careercruising.com)*

*This hands-on session will get you up to speed on the capabilities available within Career Cruising to help you effectively implement High School & Beyond. An overview of the program's advanced administrative functionality will be paired with our recommended scope & sequence and best practice documents to get you started.*

**AGRICULTURE BIODIVERSITY SEED (AB SEED): FOOD SCIENCE FROM THE BEGINNING** .. **MR #4**  
*Kurt Sahl, [kurt@21acres.org](mailto:kurt@21acres.org)*

*The continued growth of organic food sales depends on the success of organic agriculture, its farmers, and quality seed. This session features food and agriculture science lessons that challenge students to explore the relationship between growing food, environmental factors, and economic realities while learning about the role of plant breeders in organic agriculture.*

# 2017 WA-ACTE Summer Conference

## WE ARE CTE...Fostering Success

Tuesday, August 8

1:45–2:45

*continued*

### TEACH ENGINEERING WITH THE ARDUINO, CASE STUDY ..... MR #5

*Paul Osborne, [posborne@lwsd.org](mailto:posborne@lwsd.org)*

Complete walk-through with demonstrations of a popular engineering class that uses robotics and the Arduino to teach Computer Science. Included are syllabus, lessons, standards, assessment examples, cost estimates, classroom layout, safety, diversification, teacher resources, and candid sharing of what works and what doesn't.

### FIRE SCIENCE PROGRAMS THAT WORK: BUILDING A FIRE IN STUDENTS ..... MR #6

*Jack Greaves, [jgreaves@fitefire.org](mailto:jgreaves@fitefire.org)*

This session will focus on the use of firefighting professionals as instructors working for a non-profit vendor to provide relevant and rigorous instruction into the ever-changing world of firefighting and EMS. How do you utilize the small-world environment of firefighting to create real-life opportunities for kids?

### TEACHING WITH SCRATCH - USING SCRATCH TO TEACH ANY SUBJECT ..... MR #10

*Adam Smith, [asmith@cheneysd.org](mailto:asmith@cheneysd.org)*

Scratch is a blocky program to teach programming. However, with understanding of this program, you can use it to teach programming as well as your content. Join me in this HANDS-ON session as I teach you how to use Scratch to create projects in any content area.

### MBA RESEARCH AND CURRICULUM CENTER ..... MR #11

*Lance Wrzesinski, [lance.wrzesinski@k12.wa.us](mailto:lance.wrzesinski@k12.wa.us)*

Not-for-profit, research-based support for all Business Administration educators: entrepreneurship, finance, hospitality, management/administration, and marketing. Do you know what's available for course development and implementation from industry vetted resources. What is States Connection? What does our state membership provide us?

### ISN'T A SUCCESSFUL TEACHER ALSO A GOOD PROJECT MANAGER? ..... MR #12

*Diane Fromm, [diane.fromm@pmi.org](mailto:diane.fromm@pmi.org)*

What skills will help teachers accomplish this? At this workshop attendees will learn how PM skills can help them manage their classrooms, learning projects, and become a great PM while teaching their students those skills! Skills that their students will learn and practice include time management, organization, and planning through real-world, engaging projects.

1:45–4:00

### EFFECTIVE CLASSROOM MANAGEMENT AND TECHNOLOGY ..... TERRACE EAST

*Dan Tedor, [dan.tedor@k12.wa.us](mailto:dan.tedor@k12.wa.us)*

This session will provide teachers with tools that are applicable in any classroom. Increased technology use and better communication strategies.

1:45–5:00

### THE BRAIN & THE KNEE – Hands-On Approach for Health Science Career Pathway ..... MR #3

*Debbie Warren, [warren.dw2gmail.com](mailto:warren.dw2gmail.com)*

Become a believer in the power of hands-on learning. Students who sculpt body systems develop an indelible understanding of anatomy, biomechanics, and the structures we share. This Pedagogy builds confidence and mastery of form and function. Included: Anatomy content, PBL Lesson plans, new assessments, teaching skills, and classroom management techniques.

3:00–4:00

### ARE YOU DATA WISE? ..... CEDAR

*Debra LaMothe, [debra.lamothe@sreb.org](mailto:debra.lamothe@sreb.org)*

Data Wise is about working collaboratively to follow a process and cultivate habits of mind that support continuous improvement. Participants will engage in activities that establish a foundation for learning from student assessment results by looking for patterns, acting on what they learn, and designing instructional improvements.

### TACOMA'S REGISTERED YOUTH APPRENTICESHIP PROGRAM ..... MR #10

*John Page, [jpage@tacoma.k12.wa.us](mailto:jpage@tacoma.k12.wa.us)*

Come join the conversation, and learn with us, the "why" and "how" behind Tacoma Public School's partnership with the Aerospace Joint Advisory Committee (AJAC), Bates Technical College, Washington State Department of Labor and Industries, and private businesses for implementing the first registered youth apprenticeship program in Washington State.

# 2017 WA-ACTE Summer Conference

## WE ARE CTE...Fostering Success

Tuesday, August 8

3:00–4:00

*continued*

**GAMIFICATION: IT DOESN'T HAVE TO BE "VIDEO" GAMIFICATION** ..... **MAPLE**

*Jim Flatmo, jflatmo@gmail.com*

Learn specific techniques and principles to integrate gamification principles into your curriculum!

**PUT CLASS IN GOOGLE CLASSROOM** ..... **MR #1**

*Melissa Mayer, mmayer@psd267.org*

Many schools are using Google Classroom in some way. Attending this presentation will help you see first hand how to best use the site in your class. Bring your own device (laptop or tablet preferable).

**CAREER CRUISING INSPIRE** ..... **MR #2**

*Leo Abramoff, leoa@careercruising.com*

Through Inspire, educators and their students have access to tools that enable them to learn about local companies through the Career Cruising software in their schools. Educators and students will also be able to request work-based learning and receive advice from people working in the careers available in the region.

**PHOTOSYNTHESIS AND RESPIRATION—MODELS (Inquiry-Based Science Lab)** ..... **MR #4**

*Nathan Moore, nmoore@colton.k12.wa.us*

Help your students sprout and grow with a different approach to teaching photosynthesis and cellular respiration. Learn how to captivate students through inquiry activities that will challenge and excite them. Easily implement activities into your current biology or plant science class.

**NEW AGE POWER MECHANICS CAREERS (inexpensive and effective)** ..... **MR #5**

*David Howard, david.howard@rsdmail.org*

Introduce the career demands of the Marine, Motorcycle, and Power Equipment industry and nationally recognized career certification opportunities. How to economically start and maintain with industry partners a program that connects students with a growing industry. Details will be covered on how to start a program and make connections to certification thru the EETC (Engine Equipment Training Council) and how that aligns with engine and vehicle manufacture's to connect for products and curriculum.

**EQUITY THROUGH NGSS, COMMON CORE, ELPA STANDARDS** ..... **MR #10**

*Jody Flaget, jflaget@waterville.wednet.edu*

By focusing on the ELPA21 standards for ALL students, rather than just ELL students, we can bridge the gap for every student in our classrooms. Connections to the NGSS (SEP and CCC) and Common Core can be applied to any content

**OFFICE HOURS: MICROSOFT IMAGINE ACADEMY & CERTIFICATION** ..... **MR #11**

*Lisa Speltz, v-lispel@microsoft.com*

Are you new to the Imagine Academy or need a review of the resources? Join Microsoft, CCI, and experienced Imagine Academy teachers for a quick refresher and open forum to get your questions answered. Participants will receive hands-on help and can stop by for all or part of the session.

**MBA RESEARCH AND CURRICULUM CENTER** ..... **MR #12**

*Lance Wrzesinski, lance.wrzesinski@k12.wa.us*

Not-for-profit, research-based support for all Business Administration educators: entrepreneurship, finance, hospitality, management/administration, and marketing. Do you know what's available for course development and implementation from industry vetted resources? What is States Connection? What does our state membership provide us?



## WASTS BBQ

Tuesday, August 8 ♦ 6-9 PM  
Riverfront Park – Forestry Shelter  
Requires Ticket  
(YELLOW WRISTBAND)









# 2017 WA-ACTE Summer Conference

## WE ARE CTE...Fostering Success

Wednesday, August 9

6:45–7:30

**CONTINENTAL BREAKFAST** ..... **SERVED IN THE LOBBY**  
Pick up your **BREAKFAST** and take with you

7:00–8:00

**WACTA BUSINESS MEETING** ..... **CEDAR**

*Kari Duffy, WACTA President*

Are you a WACTA member? Join us for the business meeting to learn the updates concerning the Washington Association for Career and Technical Administrators.

**WITEA / STEM SHARE–OUT (FLIGHT)** ..... **BIRCH**

*Gene Wachtel, Facilitator*

This session will be from 7:00-10:00 AM

**WASTS BREAKFAST & BUSINESS MEETING** ..... **MAPLE**

*William Clifton, WASTS President*

WASTS members join your organization for a formal business meeting. This will include updates from the board, reports for the year, and a look ahead to this year's plans and goals.

**FACSE NETWORKING BREAKFAST** ..... **MR #1**

**WA-CCER NETWORKING BREAKFAST & BUSINESS MEETING** ..... **MR #2**

*Nora Zollweg, WA-CCER Presidents*

**HSCTE WORKING BREAKFAST SESSION** ..... **MR #3**

***Bioethics: Reading and Discussion Strategies for Health Science***

*Kristi Martinez, kristi\_martinez@sumnersd.org*

Come participate in a discussion about reading and discussion strategies that support the investigation of controversial topics in health science classes! Topics will be viewed through the lens of bioethics, where student scholars evaluate the “coulds” versus “shoulds” in health care. Materials are classroom-tested but not original to the presenters.

**WAAE NETWORKING BREAKFAST** ..... **MR #4**

**WAME NETWORKING BREAKFAST & ROUNDTABLE** ..... **MR #12**

**ADOBE SPARK** ..... **MR #10**

*Taryn Fletcher, tfletcher@ewu.edu*

Learn how to create your own memes, visual stories, or web videos using free Adobe® Spark. Create aesthetically pleasing advertisements to market CTSO events and projects. Help your students create graduation announcements, compelling visual stories, electronic portfolios, video advertisements, and so much more to share on social media.

**MINECRAFT FOR EDUCATION** ..... **MR #11**

*Kathy Schmit, katherine.schmit@usmie.com*

Want to engage ALL students? Teach them basic level coding by osmosis? Minecraft for Education is your newest platform! Launch your teaching and student learning into the 22nd century by engaging students in a game. Minecraft for Education is not limited to technology, coding, or computer, related courses. Minecraft for Education is only limited by your imagination and the imagination of your students, which I can guarantee will surpass anything you ever dreamed of. Use the Minecraft platform to teach English, Social Studies, Math, Engineering, or ANY CTE course you teach. Replicate your information in the environment, create links to experiential learning, quiz inside the environment, slay the beasts of boring testing and quizzing by gamifying your curriculum within the Minecraft environment while maintaining teacher control. Come check it out!

8:00–NOON

**REGISTRATION OPEN** ..... **LOBBY**

8:15–9:15

**WACTA AREA GROUP PLANNING TIME** ..... **CEDAR**

*Sly Boskovich, sboskovich@fpschools.org*

**WITEA / STEM SHARE–OUT (FLIGHT)** ..... **BIRCH**

*Gene Wachtel, Facilitator*

# 2017 WA-ACTE Summer Conference

## WE ARE CTE...Fostering Success

Wednesday, August 9

8:15–9:15

*continued*

### WASTES ROUNDTABLES ..... MAPLE

*Chris Names, bcnames@seattleschools.org*

Roundtables are a chance to have a group discussion with teachers in your field. Help plan your professional development for the year. Bring your best lessons to share or come with questions for your peers.

### BEHIND THE DESIGN: CAREERS IN THE FASHION INDUSTRY ..... MR #1

*Lisa Whitehead, lwhitehead@fidm.edu*

Have you or your students ever considered how the clothing you buy impacts the economy on a global scale? Learn about the industries expansive career opportunities in design, management, production, marketing, and beyond. Glimpse into future career trends and obtain classroom presentation information for your schools and classes.

### IMPROVING ENTRY LEVEL WORKER SAFETY ..... MR #4

*Rick Means, rick@retailassociation.org*

Improving Entry Level Worker Safety with SAFEME.

### EWU/WSU SPOKANE HEALTH SCIENCE CAMPUS TOUR ..... MR #3 & (TOUR)

*Krista Loney, kloney83@ewu.edu*

Meet outside **MR #3 at 8:10 am** to walk to the campus as a group. Tour will begin at approximately 8:30 at the Academic Center (668 N. Riverpoint Blvd) on the EWU / WSU Riverfront Campus. Parking is enforced. Metered parking is available.

### ADDING SOME COLOR TO SCIENCE (Inquiry-Based Science Lab) ..... MR #4

*Nathan Moore, nmoore@colton.k12.wa.us*

Come discover pH is where it is at when it comes to flower color. A great hands-on activity that quickly demonstrates this awesome color change! Your students will love getting to the down and dirty of soil pH.

### USING PBL METHODS TO TEACH STUDENTS PROJECT MANAGEMENT ..... MR #10

*Diane Fromm, diane.fromm@pmi.org*

Washington State students are learning skills such as time management, organization, and planning through real-world, engaging Project Based Learning. At this session you will hear about existing programs, learn strategies to implement your own program, and discover how to find high-value, no-cost classroom resources.

### A CASE FOR ETHICS: DOING WHAT'S RIGHT ..... MR #11

*TBD*

Ethics and ethical decision-making are the ultimate business advantage. In partnership with the Daniels Fund, MBA Research is developing free new course guides and learning modules changing the way that business administration teachers teach ethics in business nationwide. This session will make you want to implement the curriculum right away!

### STUDENT CERTIFICATION WITH THE MICROSOFT IMAGINE ACADEMY ..... MR #12

*Curtis Steeksma, csteeksma@ccilearning.com*

Learn everything you need to know about how to implement the Microsoft Imagine Academy in your classroom. We will review learning pathways, curriculum, and how to provide your students with a globally-recognized credential from Microsoft.

9:30-10:30

### OVERVIEW CPR/MOA BEST PRACTICES TO PREPARE FOR PROGRAM REVIEW ..... CEDAR

*Marianna Goheen, marianna.goheen@k12.wa.us*

*Deifi Stolz, deifi.stolz@k12.wa.us*

Wondering what is CPR? MOA? Wonder why you sign those assurances? Are your programs, activities, and services accessible for ALL? Come learn how you document and provide evidence during onsite reviews and monitoring.

### AUTOMATE YOUR CURRICULUM WITH SKYWARD ONLINE ASSIGNMENTS ..... MAPLE

*Kathy Schmit, katherine.schmit@usmie.com*

Grading weighing you down, cutting into your creative time? Alas, let Skyward do the grading for you and/or keep all your documentation and grading in the same location so no more lost anything! Assignments, tests, or quizzes can be set up in Skyward to fully auto-grade, partially auto-grade, then be finished by you, or be completely graded by you, but in the context of the Skyward system. Join us to lighten your load!

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9:30-10:30

*continued*

**FOSTERING STUDENT ENGAGEMENT THROUGH PROJECT BASED LEARNING ..... MR #1**

*Erick Swenson, [eswenso@tacoma.k12.wa.us](mailto:eswenso@tacoma.k12.wa.us)*

Participants will learn about three specific projects that use “real world” situations to incorporate curriculum, industry standards, and 21st century standards in an engaging way that challenges and excites students. See how adaptable these projects can be and hear how great the learning is when things go wrong.

**FILLING OUT THE WASFA AND FAFSA ..... MR #2**

*Chrissy Middendorp, [chrissy.middendorp@wsu.edu](mailto:chrissy.middendorp@wsu.edu)*

Showing participants how to help students fill out the FAFSA and WASFA (WA Application for State Financial Aid).

**CASE LAB AGRICULTURE, FOOD & NATURAL RESOURCES (AFNR) EXTRACTING DNA MR #4**

*Nathan Moore, [nmoore@colton.k12.wa.us](mailto:nmoore@colton.k12.wa.us)*

Cells are the building blocks of life, but they also provide a foundation for studies in agriculture. Three important biological aspects related to the cell are introduced to students during this lesson that build their basic knowledge of the importance of cells. Students dive into DNA by extracting DNA material from fruit in this hands-on lab.

**STOP, COLLABORATE, AND LISTEN ..... MR #12**

*Heather Weeks, [heather\\_weeks@sumnersd.org](mailto:heather_weeks@sumnersd.org)*

Discussion and suggestions on collaboration with industry partners and the importance of strong relationships with the community.

11:00 - 12:00

**CLOSING SESSION ..... GRAND BALLROOM A & B**

**CLOSING REMARKS**

*Shani Watkins, WA-ACTE President Elect*

**KEYNOTE SPEAKER:**

**DUDLEY HUGHES (AKA GARY MOORE)**



**100 YEARS: The Smith-Hughes Act...  
Looking Back, Looking Forward**

12:00

**CLOCK HOURS Available After Closing Session ..... LOBBY**

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2017 WA-ACTE Milestone Members

50 Years

Idona Kellogg

40 Years

Sondra Mangan  
Teresa Stone

35 Years

Lloyd Eakin  
Robert McLaughlin  
Joyce Moore

30 Years

Vickie Cadby  
Susan Christenson  
Gail Eagle  
Jackie Floetke  
Susan Grant  
Janis Hewitt  
Lonnie Hoxie  
Shelley Jones  
Bret Kiefer  
Barry Kirkeeng  
Tim Mahaney  
Denise Mileson  
Dennis Munden  
Christi Neill  
Craig Nelson  
Gary Parkert  
Marcia Pedersen  
Kevin Plambeck  
Laura Ramos  
Peter Schoonmaker  
Lloyd Walker  
Denny Wallace  
Elaine Young

25 Years

Lori Bialkowsky  
Nancy Bickelhaupt  
Marlys Black  
Sally Bright  
Roger Coffman  
Beth Gilbraith  
Fred Hall  
Don Ide  
Jeff Jacobson  
Greg McCormick  
Mary Nagel  
Jim Nelson  
Janet Reaves  
Erin Ruehl  
Janine Sather  
Dale Ubben  
Gene Wachtel  
Michele Wainwright  
Kenny White  
Jim Wickens

20 Years

Stacey Anderson  
Gwen Baugh  
Bob Berrigan  
Marshall Blansfield  
Karla Blowers  
Mike Carlson  
Mitch Davis  
Catherine Doner  
Edwin Elefson  
Micheal Furoy

Brian Golphene  
Lori Hairston  
Judd Hankins  
Donna Hart  
Lisa Hull  
Christi Kershaw  
Jerry Lewis  
Julie McIntire  
Nathan Moore  
Chris Names

Wayne Ramsey  
John Selfors  
Cindy Sholtys-Cromwell  
Amy Tellinghusen  
Deanna Veitenheimer

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2017 New Members / First Time Attendees

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ROB ANDERSON	KEVIN HOFFMAN	DAVID RIDGE
TONY ANSELMO	DEBORAH HOLCOMB	STEVE ROOD
LEAH BARLOW	JOEY HUA	JOEL SEITZ
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DELINDA BAUGHN	LUIS JUAREZ	ANGIE SIEVERS
DUANE BAUMANN	DEVINA KHAN	MEGAN SIROTZKI
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CLARK BROWN	KRISTA LALLEMAND	JEANETTE THOMPSON
KIM BROWNE	CHRISTINA MAERTINS	TRACEY TURCOTTE
ANITA BURCH	GRETCHEN MALISKA	ROYCE TURNER
ALEXA BURROW	MARK MANSELL	TIM TURNER
SHANA BYE	LESLIE MARTIN	DENISE VALENTINE
GERALD CARRELL	FRANK MATTINGLY	WRYANN VAN RIPER
BARBARA CASTROVINCI	TED MATTS	AMBER VILLEGAS
MICHELE CHAMBERLAIN	RON MAYBERRY	KIMBERLY WASHAM-HERD
STEPHEN CLARK	COURTNEY MCCOY	ERIC WILCOX
MATT DAVIS	MICHAELA MCCOY	SCOTT WILSON
CHARLIE DEES	KIM MELINSKY	BEN ZUPKE
DUANE DOWD	GAUDENCIO MERA Fuentes	
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