2019 Administrator Strand
ITEEA's Council for Supervision and Leadership I-STEM PreK-12 Administrator Strand

ITEEA's 81st Annual Conference
Sheraton and Westin Kansas City at Crown Center Hotels

Kansas City, Missouri          March 27-30, 2019

STRAND THEME: Integrative STEM Education: Leadership Through Implementation

Wednesday, March 27, 2019
11:00am–3:30pm
Meet in Sheraton Lobby
Preconference Field Trip
General Motors Fairfax Assembly Plant
Visit the assembly plant where General Motors produces the Chevrolet Malibu. This is a walking tour of the assembly floor, so please plan your attire accordingly. Full length pants and closed toed shoes are strongly encouraged. The tour is not suitable for persons with limited mobility or needing assistance to walk. Transportation is provided both ways, and the field trip will depart the conference hotel at 11:30am.

5:00pm–6:00pm
Pershing North, Westin
STEM4 : The Power of Collaboration for Change
Join a panel discussion about this newly released pivotal joint document authored by Advance CTE, Association of State Supervisors of Mathematics, Council of State Science Supervisors, and ITEEA.

6:00pm–7:00pm
Pershing North, Westin
Council for Supervision and Leadership (CSL) President’s Reception for all CSL Members and Administrator Strand Registrants
Join CSL for light hors d’oeuvres and networking with STEM administrators from around the country.

Thursday, March 28, 2019
7:30am
Gillham Hall, Sheraton
CSL Awards Breakfast and Business Meeting
CSL Members and Administrator Strand Registrants are invited to attend.

9:00am
Atlanta/New York/San Francisco, Sheraton
Program Excellence General Session

11:00am
Exhibit Hall
Exhibits Open

11:30am–1:00pm
Lunch on your own
Multiple options available in the Exhibit Hall

1:00pm
Gillham Hall, Sheraton
Welcome! Introductions, Goals, Anticipated Outcomes
Presenters: Anita Deck, Director, ITEEA’s STEM Center for Teaching and Learning™ and Joanna Papadopoulos, Special Projects Associate, Virginia Tech

1:10pm
Gillham Hall, Sheraton
ITEEA 101 and CSL Forum
Bring Integrative STEM Education to life! ITEEA 101 is a high-level look at ITEEA and its mission, its members, and the importance of technology and engineering education for all students. The STEM Center for Teaching and Learning™ (STEM CTL™) is ITEEA’s Integrative STEM Education center whose initiatives are directed toward four goals: development of standards-based curricula; teacher enhancement through professional development; research concerning teaching and learning; and curriculum implementation and diffusion. The CSL Forum provides a look inside the Council for Supervision and Leadership (CSL), which provides leadership to technology and engineering education coordinators, assists in curriculum development, promotes model programs, and provides teacher professional development.

2:00pm
Gillham Hall, Sheraton
Part I: edTPA: What is This All About? Part II: Teacher Recruitment: Alternate Certification
Part I: Participants will be given a brief overview of edTPA, a performance-based, subject-specific assessment and support system used by teacher preparation programs to meet state requirements for teacher certification.

Part I Presenters: Gregory Kane, Adjunct, Central Connecticut State University School of Engineering and Technology Education; Dr. Patrick Foster, Professor, Central Connecticut State University School of Technology and Engineering Education

Part II Panelists: Justin Touchstone, Senior Program Quality Manager – Engineering
and Technology Education, Idaho Career and Technical Education; Don Fischer, Technology and Engineering Education Supervisor, North Dakota Department of Career and Technical Education; Doug Livingston, Career and Technical Education Specialist Technology Education, Utah State Board of Education

Friday, March 29, 2019
8:00am
Gillham Hall, Sheraton
Breakfast
CSL Members and Administrator Strand Registrants are invited to attend.

9:00am
Teacher Excellence General Session

11:00am
Exhibits Open

11:30am–1:00pm
Lunch on your own
Multiple options available in the Exhibit Hall

1:00pm
Gillham Hall, Sheraton
I-STEM Ed Share
Share your experiences and knowledge acquired during your attendance and participation of selected I-STEM Ed conference sessions.
Facilitators™: Doug Livingston, President CSL and Technology and Engineering Education Specialist, Utah State Board of Education; Anita Deck, Director of Innovation, Assessment, and Research, ITEEA’s STEM Center for Teaching and Learning™

1:30pm
Gillham Hall, Sheraton
Flexibility, Affordability, Accountability: The EbD Nitty Gritty
Engineering byDesign™ - What is it? Using a standards-based approach, this model provides an overview of how to bring STEM to elementary, middle, and high schools. Using the FAA approach (Flexibility, Affordability, and Accountability), the program is suitable for any school or district seeking to implement an Integrative STEM system.
Presenter: Jennifer Buelin, Ed.D., Director, ITEEA’s STEM Center for Teaching and Learning™

2:00pm
Gillham Hall, Sheraton
Makerspaces and Labs: Designs and Safety Considerations
Do your school have a makerspace or STEM lab? Are you interested in converting an existing space into one of these? Learn how to properly address liability and safety concerns inherent in these facilities, federal regulations for safer designs, and see examples of innovative spaces from elementary through higher education.
Presenter: Dr. Tyler Love, Assistant Professor of Elementary/Middle Grades STEM Education, Director, Capital Area Institute for Math and Science (CAIMS), Penn State University

3:00pm
Gillham Hall, Sheraton
Closure: Opportunities and Next Steps
Integrative STEM provides many opportunities for moving forward. During the two days, information has been provided that will help frame how STEM can be implemented. This session will build upon that information to offer opportunities that are available to make STEM a reality in any school or district.
Presenters: Jennifer Buelin, Ed.D., Director, ITEEA’s STEM Center for Teaching and Learning™; Doug Livingston, President CSL and Technology and Engineering Education Specialist, Utah State Board of Education

3:45pm
EbDLabs™
Participants will visit hands-on sessions that provide an overview of the course and a sampling of Integrative STEM lessons. Administrators are encouraged to visit one or all three EbDLabs™ depending on their interests.

High School
Empire C, Sheraton
Advanced Design Applications
(Grades 10/11)

Middle School
Empire B, Sheraton
Technological Systems
(Grade 8)

Elementary
Empire A, Sheraton
EbD-TEEMS
(Grades PreK-2)