Preliminary Conference Program

International Technology and Engineering Educators Association
79th Annual Conference

Engaging and Empowering Decision Makers Through Integrative STEM Education
On behalf of the ITEEA Board of Directors, Conference Planning Committee, and ITEEA Headquarters staff, it is both my honor and privilege to invite you to attend and participate in the 79th Annual ITEEA Conference. This year’s conference will be held March 16-18, 2017 in Dallas, Texas.

The theme for the 2017 conference is *Engaging and Empowering Decision Makers Through Integrative STEM Education*. Our theme this year is meant to emphasize the power that you have as members of the educational community to engage those who are stakeholders in the education of the future generations. This emphasis can be found in the titles of this year’s four conference strands.

- **Strand 1:** *Engaging Our Students*
- **Strand 2:** *Engaging Our Colleagues*
- **Strand 3:** *Engaging Our Communities*
- **Strand 4:** *Engaging Our Leaders*

As always, our conference provides you with a variety of opportunities to be an active and involved member of ITEEA. For those interested in becoming more involved, I would recommend attending our Annual Governance Session where we will continue the process of refining our Strategic Plan and detail the progress of our current Task Forces. These task forces are a great way to start to get involved in the future of our organization. If you are looking to become more engaged in the association through serving on a committee or a review board, please plan to attend our annual work group session where we can help you connect to the opportunities that are available.

If you are looking for ways to implement or expand upon your technology and engineering education and STEM knowledge, we continue to offer an outstanding slate of special interest as well as preconference sessions, including many from ITEEA’s STEM Center for Teaching and Learning that relate to the Engineering by Design™ (EbD) curriculum materials. You will also see a number of returning events, including:

- If you are looking for an opportunity to watch a group of extremely dedicated and innovative young thinkers, check out the various [ITEEA Technology and Engineering Education Collegiate Association (TEECA) Competitions](#) hosted here at our conference. These competitions take place in a number of locations across the conference center.
- Our [Administrator Strand](#) offers a unique professional development opportunity tailored to the needs of administrators seeking to enhance the STEM-related programs in their schools.
- [ITEEA’s STEM Showcase](#) will take place on Thursday afternoon and features passionate educators who are prepared to share best practices in technology and engineering and STEM-related education.
- If you are seeking a great way to network or reconnect with colleagues and friends and make new connections, then consider attending our annual [Celebration Reception](#), immediately following the STEM Showcase.

Finally, please join us in celebrating the accomplishments of your fellow ITEEA members as they are recognized for their service and efforts through a variety of awards and special honors during our General Sessions. We will once again recognize our members through the Teacher and Program Excellence, Emerging Leaders, Distinguished Technology and Engineering Educators, scholarships, and recognition of service awards. Please consider nominating someone you feel is deserving of one or more of these awards by visiting ITEEA’s Scholarships and Awards page.

I look forward to seeing you all in Dallas, Texas for our 2017 ITEEA Annual Conference!

Jared F. Bitting, DTE
ITEEA President

Register on-site March 15-17!
The annual ITEEA conference provides an unparalleled opportunity for technology and engineering educators to gain comprehensive professional development and networking experiences. ITEEA members pay a reduced rate to attend and can choose from dozens of interest sessions, workshops, and social events. This is a unique opportunity to learn from and share with other technology and engineering STEM education professionals in a variety of formats.

2017 ITEEA Conference Highlights

ITEEA STEM Showcase

Highlighting Best Practices Through Integrative STEM Education!

The ITEEA STEM Showcase features an idea, technique, or best practice related to learning activities, marketing materials, career guidance, facility design, program design, assessment methods, equity, or classroom and laboratory management techniques. Showcasers illustrate a single element of technology or engineering teaching and learning that they feel they have exemplified. Attendees are invited to join ITEEA in the exhibit area for our Celebration Reception immediately following the STEM Showcase.

See page 9 for details, or contact Miho Sato at msato@iteea.org for additional information.

Administrator I-STEM Education Professional Development Strand

Bring your Administrator at no additional cost (sponsored registration). A special strand of presentations will be offered that are designed for Administrators to build understanding and support for your program! See page 9 for additional information.

Teacher Leadership Workshop Opportunities

Prior to the official start of the ITEEA conference, take advantage of a variety of workshop opportunities. Experienced presenters will share their knowledge on topics such as The Essentials of Backward Design Planning, STEAM Education, Design Thinking in Integrated STEM Education, and STEM Strategies for the Elementary Classroom. See pages 6-7 for complete workshop descriptions, times, and pricing. Workshops fill quickly, so sign up today!

Awards Brunch Motivational Speaker: Lyndy Phillips

"Laugh More. Stress Less."

For more than two decades, Lyndy has left audiences laughing out loud with an insightful blend of comedic storytelling, sleight-of-hand illusions, and audience interaction. When combined with his "Laugh More. Stress Less" philosophy, associations and corporations experience a unique speaker who knows how to get people laughing and reducing stress in a fun, memorable way. Laughter really is the best medicine!

STEAM Strand and Preconference Workshop

ITEEA is pleased to announce a dedicated STEAM strand in 2017! More information will be coming soon for those interested in these specialized sessions on how Technology/Engineering/STEM can provide the "what and how" to the contextual "who and why" of the fields of the Arts—as integrated with the subjects of Design, Society, Language, Music, and Physical Education. There will be a preconference workshop for PD credits as well as STEAM sessions related to setting up programs, theory and research roundtables, and workshops with projects.

Fire Training Research Tour

Since 1995, the Dallas/Fort Worth International Airport’s Fire Training Research Center (FTRC) has provided groundbreaking Aircraft Rescue Firefighting and structural training services in an innovative learning environment. This will be a guided tour that illustrates the use of multilingual curriculum, digital activities, and practical applications in a state-of-the-art training facility. The facility truly embraces the global concept and demonstrates the possibilities of teaching across cultures.

The most important benefit that you can get from an association is the ability to contribute to and share with others as well as learn from their experiences. We will continue to work to provide ITEEA members with these important opportunities.
Featured Keynote Speakers

PROGRAM EXCELLENCE GENERAL SESSION

Thursday, March 16, 2017
9:00am–10:50am
Dallas Ballroom C-D

Featured Speaker:
Jonathan Gerlach
Discovery Education
International Consultant
for STEM Education Initiatives

Program Excellence Awards sponsored by Paxton-Patterson.

PAXTON/PATTERSON
Veteran’s scholarship sponsored by Mastercam.

Mastercam

TEACHER EXCELLENCE GENERAL SESSION

Friday, March 17, 2017
9:00am–10:50am
Dallas Ballroom C-D

Featured Speaker:
Steve Culivan
NASA Educator
Professional Development Specialist
NASA Educator
Professional Development Collaborative (EPDC) – Texas State University
NASA John C. Stennis Space Center, MS

Teacher Excellence Awards sponsored by Goodheart-Willcox Publisher.

4CING THE FUTURE OF STEM

On its surface, “STEM” is the acronym of science, technology, engineering, and mathematics. However, when you pull that first layer away, you reveal the most elaborate puzzle in the education world. Recently, STEM has gone through a dramatic change as industry and employer’s needs have been changing and increasing exponentially. Information is more readily at our fingertips, and employers are now looking for employees with critical 21st century skills, the 4C’s: Creativity, Collaboration, Communication, and Critical Thinking. For our students to be successful in their future careers, we need to help them develop the skills employers are looking for, not just the content in subjects. Through the 4C’s, we will explore global problems and solutions tied directly to our student’s futures.

An Albert Einstein Distinguished Educator Fellow Emeritus and NASA STEM Endeavor Fellow, Jonathan Gerlach is the International Consultant for STEM Education Initiatives at Discovery Education. He has a deep background in STEM, including a certification from Columbia University Teacher’s College in STEM Education with a distinction in STEM Education Leadership, which he utilizes while providing his expertise to school districts globally. As an Albert Einstein Distinguished Educator Fellow, he worked in the U.S. Senate focusing on STEM education policy. He is a former NASA Endeavor Fellow and was named the Florida Engineering Foundation STEM Educator of the Year.

Technology and Engineering Education: Through the Eyes of NASA

In this technological world, students use technology in every aspect of their lives. And engineering design is critical to explain and understand their world around them. NASA has been, and continues to be, at the cutting edge in engineering and technology. NASA Education continues its mission as a leader in exciting students in STEM and encouraging interest in pursuing engineering and technology careers. Explore how NASA Education continues to move forward in ensuring that students are technologically and engineering literate as we advance to better understand our Earth, the neighborhood around us, and our journey to Mars. The journey begins in your classroom.

Steve Culivan is the NASA STEM Education Professional Development Collaborative (EPDC) Specialist at the John C. Stennis Space Center in Mississippi. Mr. Culivan develops and provides NASA STEM online and face-to-face professional development programs for in-service, preservice, and informal educators. Mr. Culivan was the Principal Investigator for two International Space Station (ISS) in-flight education demonstrations. He additionally developed and co-developed several NASA curriculum products and engineering design challenges. Prior to his current 28-year career with NASA Education, Mr. Culivan taught middle school Earth and space sciences, life science, English, art, and coached several sports. He holds a current Louisiana teaching certificate in science and English. Mr. Culivan received his Bachelor of Arts degree in Education from Louisiana Tech University and a Masters of Science degree in Education from Oklahoma State University.

Register on-site March 15-17!
Featured Meal Function Events

Thursday

International/PATT Luncheon

Thursday, March 16, 2017
12:00pm–1:30pm
San Antonio A
Cost: $50; ticket required

Standing on the Outside Looking In... A Question of Supply and Demand

There is a need to engage and empower decision makers outside of education to stimulate demand for a technological literacy...

Featured Speaker: Vicki Compton
New Zealand Ministry for Primary Industries
Introduction: Marc de Vries

FTEE “Spirit of Excellence” Breakfast

Friday, March 17, 2017
7:00am–8:45am
Houston B
Cost: $40; ticket required

Oh, The Places We’d Go

This breakfast is a celebration of excellence and recognition of outstanding individuals who are destined to become the next generation of leaders in the profession.

Featured Speaker: Michael K. Daugherty
Introduction: Vinson Carter

University host:
University of Arkansas

CTETE Awards Reception and Dinner

Thursday, March 16, 2017
6:15pm–7:45pm
San Antonio A
Cost: $70; ticket required

This CTETE event recognizes those involved in the CTETE Yearbook and honors individuals and initiatives that represent the best of the technology and engineering teacher education profession.

Friday

FTEE “Spirit of Excellence” Breakfast

Friday, March 17, 2017
7:00am–8:45am
Houston B
Cost: $40; ticket required

Oh, The Places We’d Go

This breakfast is a celebration of excellence and recognition of outstanding individuals who are destined to become the next generation of leaders in the profession.

Featured Speaker: Michael K. Daugherty
Introduction: Vinson Carter

University host:
University of Arkansas

TEECA Awards Dinner and Closing Ceremony

Friday, March 17, 2017
6:00pm-8:00pm
Houston B-C
Cost: $55; ticket required
(included in Student Registration Package)

The Awards Dinner and Closing Ceremony recognizes the winners from the various competitions at the conference, outstanding chapters and members, as well as the accomplishments of TEECA during the 2016-17 year.

Teachers and Advisors are welcome.

Saturday

EPT Breakfast

Saturday, March 18, 2017
7:00am–8:45am
Houston C
Cost: $40; ticket required

This gathering of ITEEA’s official honor society is open to all conference participants.

Register on-site March 15-17!

ITEEA Awards and Recognition Brunch

Saturday, March 18, 2017
10:15am–11:45am
Chaparral Main Room
Cost: $50; ticket required

Lyndy Phillips will provide an entertaining look at the importance of reducing stress with an emphasis on laughter.

Featured Speaker:
Lyndy Phillips
Choose from four specialized preconference workshops available in 2017. Preconference workshops will be held on Wednesday, March 15—please note varying times. Workshop registration pricing is listed below.

**THE ESSENTIALS OF BACKWARD DESIGN PLANNING**

**Wednesday, March 15**  
1:00pm–4:00pm  
Austin 3

Technology and Engineering education educators attending the session will learn to enhance their current curricular and instructional practices by exploring the essentials of backward-design planning methods and multidisciplinary thematic focus of effective unit planning. Student learning, assessment, and classroom facilitation will be modeled in this session. In addition, teachers will receive two lesson units addressing Integrative STEM design challenges in transportation and structures. A self-contained technology and engineering education teacher can go back to his or her school division and deliver all the unit elements or work with colleagues to employ a team approach.

*Presenter: Jorge Valenzuela*

*$95 – ticket required*

**HOMEMADE GAME DEVICES AT THE NEXT LEVEL**

**Wednesday, March 15**  
1:00pm–4:00pm  
Seminar Theater

In this three-hour STEM-Based workshop, three interactive games/game devices will be constructed. Participants will experience game design skills, by first building a handheld game controller device. This will be followed by the design and development of two different styles of interactive game boards. Each game board and the game controllers will be executed through a Makey Makey. At the conclusion of the workshop, the participants will have enough knowledge to create a vast array of applications of the techniques to go beyond the game. Scratch 1.4 or 2.0 knowledge is helpful, but not required.

*Presenters: Linda Kinczkowski, Pamela Speelman, Phil Cardon, and Debbie Bondy*

*$95 – ticket required*

**DESIGN THINKING IN INTEGRATED STEM EDUCATION**

**Wednesday, March 15**  
1:00pm–4:00pm  
Atrium

This preconference workshop will prepare teachers to effectively implement key strategies to improve students’ design-thinking skills within integrated STEM lessons. Purdue faculty, Ivy Tech Community College, and graduate students will present approaches to improve students’ design skills while also addressing *Standards for Technological Literacy, Next Generation Science Standards*, and 21st Century Skills. The workshop will feature an integrated STEM lesson linking biology, physics, and engineering design to 3D print fishing lures. Elements of the workshop will feature research findings and lessons developed through an NSF project titled: TRAILS—Teachers and Researchers Advancing Integrated Lessons in STEM.

*Workshop Sessions will include:*
  * Using engineers’ notebooks as design assessment*
  * Design sketching instruction*
  * Brainstorming for innovation*
  * Optimization and Decision Making*
  * Teaching 21st Century Skills*

*Presenters: Todd Kelley, Geoff Knowles, and Euisuk Sung*

*$95 – ticket required*
STEAM EDUCATION PROFESSIONAL DEVELOPMENT WORKSHOP

Wednesday, March 15
8:00am–5:00pm (one-hour break for lunch – meal not included)
Cityview 1

The STEAM Education workshop will provide educators with professional development to understand STEAM theory, program development, and practicum for delivering and creating integrative STEAM curriculum. The workshop includes one-year access to the extensive online course with 25+ chapters of videos and over 100 supplemental downloads that can be referred to for deeper extensions not able to be covered in one day. The workshop will start with a brief overview of the highlights of what is online, including recent updates. The centerpiece of the workshop consists of our team assisting attendees to develop their own STEAM program and curriculum plans with processes for curriculum mapping, thematic unit planning, and nine-subject-area, fully integrative STEAM lesson plan development.
Participants will have access on the workshop day to the STEAM Education staff for direct help. We will wrap up the workshop with some fun teaching activities that show some of the resources available in the online bank of STEAM lesson plans, which are regularly updated. For those wishing to become certified STEAM curriculum developers or go on to have a staff or program certified, those options will be available directly through the STEAM Education website. All membership levels include access to a growing network of like-minded educators with over 2,000 trained educators, representing 35 U.S. states and 13 countries, working together to co-create curriculum and share resources and ideas with one another.

http://steamedu.com/programs/certification-training/

Presenter: Georgette Yakman

$250 – ticket required

STEM STRATEGIES FOR THE ELEMENTARY CLASSROOM

Children’s Council STEM Workshop

Wednesday, March 15
1:00pm–4:00pm
Press Club

Audience: K-5 Educators

Using problem-based learning and problem-solving strategies to address STEM topics with elementary students, this Children’s Council Elementary STEM Workshop will enhance the teacher’s ability to ensure that elementary school children in Grades K-5 develop a practical understanding of how to use, create, control, and assess technology through the engineering design process. Ideas, lessons, and quick challenges will be provided for elementary teachers to instantly implement in their classrooms. Workshop participants will investigate why STEM literacy in Grades K-5 is essential to the elementary child’s success in an increasingly technologically dependent world. Participants will also engage in standards-based, hands-on, minds-on activities that demonstrate how to integrate children’s literature, science curriculum, and mathematics curriculum, and address technological literacy practices to create a well-rounded K-5 STEM classroom.

Presenter: Charlotte P. Holter
Limit: 25 participants

$50 – ticket required

COUNCIL AND OTHER PROGRAMMING

These councils and groups will hold meetings and offer programming during the ITEEA conference. Go to www.iteea.org/Programming_2017.aspx to see individual council program offerings.
Educational Tours

Tour programs depart from and return to the Sheraton Dallas. Be sure to check the on-site program or mobile app for complete details. Participation is limited on each tour, first-come, first-served, so register early. Due to the limited availability of these educational tours, you must be a fully registered conference attendee in order to qualify for participation. Most tours have a maximum of 45 participants. Please register early to secure your place on the tours.

**ALL TOURS BEGIN AT 1:00PM. TRANSPORTATION IS BY CHARTER BUS.**
**PRICE: $50 PER TOUR**

Thursday, March 16, 2017

**AT&T STADIUM TOUR**
The AT&T Stadium serves as the home for the Dallas Cowboys. This guided tour includes the AT&T Stadium luxury suites, radio and media press box, party plazas, Cotton Bowl offices, Dallas Cowboys locker room, Cowboy Cheerleaders locker room, post-game interview room, and a commemorative photo. Purses and bags are allowed in the stadium but will be subject to search prior to entering the stadium. This is a walking tour; comfortable shoes are recommended.

Friday, March 17, 2017

**FIRE TRAINING RESEARCH CENTER**
Since 1995, the Dallas/Fort Worth International Airport's Fire Training Research Center (FTRC) has provided groundbreaking Aircraft Rescue Firefighting and structural training services in an innovative learning environment. This will be a guided tour that illustrates the use of multilingual curriculum, digital activities, and practical applications in a state-of-the-art training facility. The facility truly embraces the global concept and demonstrates the possibilities of teaching across cultures.

**GEORGE W. BUSH LIBRARY**
Framed by the themes of freedom, opportunity, compassion, and responsibility, the George W. Bush Presidential Library and Museum serves as a resource for the study of the life and career of George W. Bush, while also promoting a better understanding of the American Presidency, American history, and important issues of public policy. The 14,000-square-foot gallery highlights themes and subjects, such as education reform, the global war on terror, the financial crisis, and efforts to combat the spread of HIV/AIDS in Africa. This will be a self-guided walking tour. Bus will drop off and return to pick up.

**FRONTIERS OF FLIGHT MUSEUM**
*For Elementary Educators only.*
Experience the stories of aviation and space flight—from the Wright Flyer to the one-of-a-kind Flying Pancake; the Apollo 7 spacecraft, 13 historical galleries, and over 35,000 artifacts; the Living History program and our acclaimed STEM education program. The Frontiers of Flight Museum is the perfect place to explore the history and progress of aviation as mankind continues to pursue going higher, faster, and farther.

This will be a guided tour with the opportunity to see STEM showcased in an Aviation Camp in progress. Get ideas to take home and share. (Observation of Aviation Camp is an ITEEA conference exclusive experience.)
Professional Development

STEM Showcase 2017 and CTETE Poster Sessions

Thursday, March 16, 2017
4:00pm–5:30pm
Dallas A-B

The STEM Showcase is an exhibition of best practices in the teaching of technology and engineering education.

BRINGING TEACHERS AND IDEAS TOGETHER

The ITEEA STEM Showcase is an exhibition of best practices in the teaching of technology and engineering education. The Showcase provides a forum for teachers, TSA Advisors, and others to feature an idea, technique, or best practice related to learning activities, marketing materials, career guidance, facility design, program design, assessment methods, equity, or classroom and laboratory management techniques. Don’t miss out on this unique learning and networking opportunity!

It is sure to be an exciting event! For more information, contact Miho Sato at msato@iteea.org.

I-STEM EDUCATION PREK-12 SPONSORED

Administrator Strand

The ITEEA Council for Supervision and Leadership (CSL) has partnered with ITEEA’s STEM Center for Teaching and Learning™ to create a dynamic professional development strand for “Leadership through delivering Integrative STEM Education.” ITEEA invites administrators to attend the 79th Annual Conference at NO REGISTRATION COST. Administrator registrations are sponsored and FREE to the first 50 registrants! Come and see what your teachers are learning and experiencing at our conference. But don’t stop there. ITEEA is offering a specifically designed STEM leadership session strand for educational administrators. This is a unique opportunity to network, bring back knowledge to your school, and implement effective K-12 Integrative STEM Education instruction.

ITEEA’s 79th Annual Conference in Dallas, TX is both a meeting and exhibition event where teachers, teacher educators, and supervisors come together to share ideas, network, and learn. Some of the 2017 highlights include:

- I-STEM FocalPoints
- LinkEngineering – National Academy of Engineering
- Research on the T&E of STEM – Council on Technology and Engineering Teacher Education (CTETE)
- NAEP Technology and Engineering Literacy (TEL) Assessment – Council for Supervision and Leadership (CSL)
- I-STEM Standards-Based Models – Articulating Content with Post-Secondary Engineering Programs
- Hands-on Workshops
- Integrative STEM Education Opportunities
- Finding STEM Resources for Your School or District
- Engineering for All – Water: The World in Crisis and Vertical Farms: Fresh Food for Cities

This conference is a unique opportunity for administrators to build understanding and support for programs—as well as to see firsthand how ITEEA’s member-educators Bring STEM to Life!

WEDNESDAY, MARCH 15, 2017 – SHERATON DALLAS

6:00pm-7:00pm
Kitchen Garden
CSL President’s Reception
(Sponsored by Learning Labs, Inc., Tech Ed Concepts, and Roland DGA)

Register on-site March 15-17!

Join the Council for Supervision and Leadership for light hors d’oeuvres and network with STEM administrators from around the country.

Presenter: Paul Camick, Ed.D., DTE, CSL President DeKalb County Public Schools, Georgia
Professional Development — Administrator Strand

ITEEA 79th Annual Conference
Dallas, Texas March 15-18, 2017
I-STEM Administrator Strand

THURSDAY, MARCH 16, 2017 - SEMINAR THEATER/SHERATON DALLAS

8:00am
Seminar Theater
Breakfast (Sponsored by PITSCO)

9:00am
Dallas C/D
1st General Session / Program Excellence

11:00am
Grand Hall
Exhibits Open

12:00pm
Lunch on your own

1:00pm
Seminar Theater
WELCOME
Introductions, Goals, Anticipated Outcomes
What are the Big 3 Barriers for STEM Integration and Implementation?
Presenter: Anita Deck, Director of Innovation, Assessment and Research, ITEEA, STEM||Center for Teaching and Learning

1:10pm
Seminar Theater
Engineering for All (CSL Forum)
The Engineering for All (EfA) project has been funded by the National Science Foundation (Grant # DRL 1316601) to create, test, and revise two-six week modules for middle school technology education classes on the important social contexts of food and water. The units are built on four "drivers" that underpin the Engineering for All approach. These include:
1. Promoting the potential of engineering as a social good.
2. Revisiting unifying engineering and technology themes (i.e., design, modeling, systems, resources, and human values) in authentic social contexts.
3. Using design-based engineering activities as authentic contexts for teaching and learning Science, Technology, Engineering, and Mathematics (STEM) ideas and practices.
4. Using informed design as the core pedagogical methodology.
Presenters: Michael Hacker, Co-Director, Center for Technological Literacy, Hofstra University; Matthew Plummer, Conmaugh Township Area Schools, PA; and Matthew McGuire, MacDonald Middle School, Elwood, NY.

2:00pm
Seminar Theater
Introduction to LinkEngineering
The National Academy of Engineering’s LinkEngineering website aims to provide high-quality resources and build a professional community for educators working in Pre-K–12 classrooms and out-of-school settings; those engaged in preservice teacher education and professional development; and school, district, and state administrators. In this session, a short tour of the site will be followed by an opportunity to engage the project director and committee chair in discussion.
Presenters: Cary Sneider, Ph.D., Associate Research Professor, Portland State University; Greg Pearson, Scholar National Academy of Engineering

2:50pm
Seminar Theater
I-STEM FocalPoints – Defining Effective Integrative STEM
Participants will see a new standards-based model for integrating STEM through I-STEM FocalPoints™ and how they can drive school reform.
Presenters: Anita Deck, Ph.D., ITEEA; Michael Grubbs, Ph.D., Supervisor, Baltimore County Public Schools; Tyler Love, Ph.D., Program Director, University of Maryland, Eastern Shore; Nathan Mentzer, Ph.D., Assistant Professor, Purdue University

4:00pm
Grand Hall
ITEEA STEM Showcase
Visit with teachers and professionals in the field who are implementing innovative concepts in STEM education.
Pick up samples of lessons to bring back to your school or district!

Register on-site March 15-17!
FRIDAY, MARCH 17, 2017 - SEMINAR THEATRE/SHERATON DALLAS

8:00am
Seminar Theater
*Breakfast (Sponsored by STEM Solutions at IU13)*

9:00am
Dallas C/D
*2nd General Session / Teacher Excellence*

11:00am
Grand Hall
*Exhibits Open*

11:30am-1:00pm
*Lunch in the Exhibit Hall (free to all registered attendees) Sponsored by ITEEA.*

1:00pm
Seminar Theater
*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 that is looking to implement an Integrative STEM system.
*Presenter: Tanner Huffman, Assistant Professor, The College of New Jersey*

1:40pm
Seminar Theater
*Technology and Engineering Literacy: It’s Not Left to Chance*
This presentation will provide the audience with information concerning the development of the TEL Assessment framework, examples of specific assessment questions, and will use data from the Learn Better by Doing research project to illustrate how technology and engineering programs prepare technology and engineering literate students.
*Presenters: William Dugger, Jr., Ph.D., DTE, Senior Fellow, ITEEA and Johnny Moye, Ph.D., DTE, Researcher, ITEEA*

2:20pm
Seminar Theater
*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 those to offer opportunities that are available to make STEM a reality in any school or district.
*Presenter: Jennifer Buelin, Ed.D., Director, Curriculum, Professional Development and Digital Initiatives STEM Center for Teaching and Learning, ITEEA*

3:00pm
*EbD-Labs*
Participants will visit the 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.

- **Austin 3**
  - EbD-TEEMS (Elementary)
  - NxtGen - Grades 3-6
  - *Presenters: Bob Claymier and Kirsten Perry*

- **Austin 2**
  - Middle School
  - Technological Systems (Grade 8)
  - *Presenters: Susan Blubaugh, James Ng, Jorge Valenzuela, Matt McGuire, Chris DeHaan, and Stephen Haner*

- **Austin 1**
  - High School
  - Engineering Design (Grade 12)
  - *Presenters: Daniel Kelly, Cameron Denson, and Kenyatta Lewis-White*

**GOALS:**
1. Identify exemplars for how Technology and Engineering Bring STEM to Life
2. Showcase examples of Integrative STEM – EbD™
Professional Development

EbDLabs™

EbDLabs™ provide an excellent opportunity for teachers and other educators to experience one of the Engineering by Design™ (EbD™) courses in a workshop environment. Comprehensive professional development is provided for each course or instructional component. Whether or not you are in a Consortium state, whether you are currently teaching an EbD™ course or just want to find out more—these workshops are not to be missed. All EbDLabs™ will be hands-on, minds-on, preparing teachers with the fundamentals necessary to implement the materials.

Thursday, March 16, 1:00pm–4:50pm
Austin 1
Middle School EbDLab™
*Engineering for All: Water: The World in Crisis and Vertical Farms – Fresh Food for Cities*

Austin 2
Middle School EbDLab™
*Invention and Innovation, Third Edition*

Austin 3
High School EbDLab™
*Foundations of Technology*

Friday, March 17, 1:00pm–4:50pm
Austin 1
High School EbDLab™
*Engineering Design, Third Edition*  
Computer/Smart device preloaded with Google Sketchup required – free download at: http://www.sketchup.com/

Austin 2
Middle School EbDLab™
*Technological Systems, Third Edition*

Austin 3
Elementary School EbDLab™
*EbD-TEEMS™: Grades K-6*

$50 each; ticket required (unless otherwise indicated)

All sessions will be held at the Sheraton Dallas and are limited to 30 participants each. Computer/SmartDevice required for all EbD Labs.


PROFESSIONAL DEVELOPMENT LEARNING SESSION HIGHLIGHTS

Over 100 Professional Development Learning Sessions will be conducted at this year’s conference. Most sessions are 50 minutes in length and occur on Thursday, Friday, and Saturday. Listed below are a few highlights of each day; the complete list of session titles will appear in the full conference program.

**Thursday**
- Using Scientific Evidence to Drive Engineering Design
- Engaging and Teaching Through Service Learning
- Launching STEAM Activities Through Differentiated Instruction
- Middle School Students as Designers, Makers, and Creators!
- Technology Engineering Labs for the Future
- Teaching Design Using Gender-Neutral Assignments
- The Essentials of Backward Design Planning

**Friday**
- NGSS: Preparing Students for STEM Careers
- Engineering FUSION: Finding Unique Strategies to Involve Organizations and Networks to Promote Engineering
- Manufacturing and Free Enterprise Activity: Mag-Lev Tracks
- How I Started an Elementary Engineering Program
- Affordable Robotics and Integrated STEM for ALL
- Decoding Coding: Drones and Microcontrollers
- Using STEM with Future Teachers
- Teamwork in Engineering
- Girls Just Want to Do STEM

**Saturday**
- Teaching Soft Skills in Technology and Engineering
- Phenomenal Family STEM Events
- Experiential Learning: Engaging Students in Design Projects
- Creating Local STEM Competitions Using TSA Activities
- STEM on a Shoestring

The 2017 Conference will also feature panel sessions, providing a variety of perspectives on the following topics:
- Who Are We?
- On Your Mark – Get Set – Go!: STEM Competitions
- Teaching Content Literacy in STEM
- Connecting With Your Community Through STEM
- The Maker Movement and Technology & Engineering Education
- Enriching the STEM Experience Through Classroom Diversity
- Teaching Nontraditional Students

Register on-site March 15-17!
PATT/INTERNATIONAL SESSIONS
(PUPILS ATTITUDES TOWARDS TECHNOLOGY)

PATT is an international community of technology education colleagues (researchers, teacher educators, teachers, etc.) who are interested in educational research as a support to developments in technology teaching. PATT is open to all. There is no membership requirement. PATT sessions at the ITEEA Annual Conference can be attended by all conference participants. Registration for PATT includes registration for the ITEEA Conference, the International Luncheon, and other special advantages.

The PATT/International Sessions at the 79th Annual ITEEA Conference are directly related to the theme of the overall conference. These sessions specifically aim to present and discuss papers (1) from a variety of countries and (2) with a research character. As such, the PATT sessions function as a research-oriented international subconference of the ITEEA Annual Conference. PATT sessions offer U.S. ITEEA members an opportunity to get an orientation of what goes on in the rest of the world in terms of technology education developments. For international participants, the International/PATT sessions offer a comfortable combination of an international meeting and the opportunity to see developments in the USA by also attending other ITEEA sessions.

Proceedings of previous PATT/International conferences can be found on the ITEEA website: www.iteea.org/PATTConferences.aspx

Competitive Events

TEECA COMPETITIVE EVENTS
(Technology and Engineering Education Collegiate Association)

TEECA is the single largest body of preservice technology and engineering teachers in the nation. TEECA is well represented at the ITEEA Annual Conference, with over 20 universities participating annually, as well as over 300 preservice teachers, faculty advisors, and other state education officers from around the nation in attendance. TEECA hosts a number of competitions at the ITEEA Annual Conference and holds an awards banquet on Friday evening to celebrate and award the winners. www.iteea.org/TEECA_Events_2017.aspx

- **Wednesday, 8:30pm-10:00pm**
  - Technology Challenge

- **Thursday, 8:00am-3:30pm**
  - VEX Robotics

- **Thursday, 1:00pm-2:45pm**
  - Transportation

- **Thursday, 4:00pm-7:00pm**
  - Teaching Lesson

- **Thursday, 4:00pm-5:30pm**
  - Educational Display Contest

- **Thursday, 6:00pm-9:00pm**
  - Manufacturing

- **Friday, 10:00am**
  - Communication Turn-In

- **Friday, 11:00am-12:30p**
  - Problem Solving

SPONSORSHIPS are still available for some TEECA Competitive Events.

*Please visit [www.iteea.org/Sponsors_2017.aspx](http://www.iteea.org/Sponsors_2017.aspx)*

*or email membership.sales@iteea.org.*
Join Us in the Exhibit Hall for
Competition, Learning, and FUN!

EXHIBITS OPEN:
Thursday, March 16: 11:00am–6:00pm
Friday, March 17: 2:00am-9:00am and 11:00am–2:00pm

DEDICATED EXHIBIT HOURS
Thursday, March 16: 11:00am-1:00pm
Friday, March 17: 11:00am-1:00pm

ITEEA’S STEM SHOWCASE -
Bringing Teachers and Ideas Together
Thursday, 4:00pm–5:30pm
Dallas A-B

The ITEEA STEM Showcase, an exhibition of best practices in the teaching of technology and engineering education, will take place in the Exhibit Hall. The Show- case provides a forum for teachers, TSA Advisors, and others to feature an idea, technique, or best practice related to learning activities, marketing materials, career guidance, facility design, program design, assessment methods, equity, or classroom and laboratory management techniques. Don’t miss out on this unique learning and networking opportunity!

Page 9.

FEELING LUCKY?
Here’s your chance to win spectacular prizes pro- vided by vendors!

Raffle drawings take place during the Celebration Recep- tion on Thursday, beginning at 5:30pm in the Exhibit Hall. There will be a cash bar and hors d’oeuvres. All registrants will receive a ticket.

Celebration Reception Sponsored by:
WhiteBox Learning
and
Forrest T. Jones

TEECA COMPETITIVE EVENTS
Wednesday — Friday (See page 11 for days and times.)
Dallas A-B

If you enjoy a little friendly competition, you’ll want to pop in to the front area in the Exhibit Hall on Thursday (throughout the day) to see the Technology and En- gineering Education Collegiate Association (TEECA) students as they vie to win the top spots in the robotics, transportation, and manufacturing competitions.

www.iteea.org/TEECA_Events_2017.aspx
ITEEA and its membership extend a special THANK YOU to the sponsors who generously support this conference.

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TSA

Learning Labs Incorporated

Roland

For available opportunities, please visit www.iteea.org/sponsors_2017.aspx.

Thank You to Our Corporate Members!

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PITSCO
Stratasys, Inc.
TeacherGeek, Inc.
The National Academy of Future Scientists and Technologists
VEX Robotics, Inc.
WhiteBox Learning*

* Indicates ITEEA EbD Curriculum Partner.
## Exhibitors

### CONFIRMED EXHIBITORS AS OF MARCH 16, 2017

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Blue indicates ITEEA Corporate exhibitor.  
Red indicates Institutional exhibitor.  
* indicates ITEEA member.

For the most up-to-date list of exhibitors, go to [www.iteea.org/Exhibitors_2017.aspx](http://www.iteea.org/Exhibitors_2017.aspx)

## Action Labs

### DS SOLIDWORKS

**Thursday, March 16**  
11:00-11:50am AND  
State Room #2

**Friday, March 17**  
11:00-11:50am AND  
State Room #2

**Project-Based Learning and Q&A**

Learn about all the different curriculum and resources that can help you teach SolidWorks in the classroom—from built-in tutorials to downloadable projects. Also, feel free to come with any and all questions you might have about SolidWorks.  
[www.solidworks.com/education](http://www.solidworks.com/education)

### INTERIOR CONCEPTS

**Thursday, March 16**  
3:00pm-3:50pm  
State Room #2

**Tips for Designing STEAM & Career & Technology Environments**

Educational Environments are rapidly changing to meet the demands of new technology and curriculum with an increasing focus on STEAM and integrating learning with real world concepts. Attend this presentation to get design tips on how to create functional and engaging STEAM and technology environments in your educational facility.

Full descriptions of the 2017 Action Labs are online at: [www.iteea.org/Action_Labs_2017.aspx](http://www.iteea.org/Action_Labs_2017.aspx)

---

**MARK YOUR CALENDAR!**

The ITEEA Board of Directors, would like to invite all conference attendees to a complimentary lunch.

**March 17, 2017**  
11:30am-1:00pm  
Exhibit Hall

For the most up-to-date list of exhibitors, go to [www.iteea.org/Exhibitors_2017.aspx](http://www.iteea.org/Exhibitors_2017.aspx)

Register on-site March 15-17!
Action Labs

**LEGO EDUCATION**

**Thursday**
1:00pm-1:50pm
State Room #3

**Friday**
2:00pm-2:50pm
State Room #3

**MARINE ADVANCED TECHNOLOGY EDUCATION (MATE) CENTER**

**Friday, March 17**
1:00pm-1:50pm
State Room #2

**WHITEBOX LEARNING**

**Thursday, March 16**
2:00pm-2:50pm
State Room #3

**Friday, March 17**
11:00-11:50am
State Room #3

**LEGEND**

- **AND**
- **Register on-site March 15-17!**

---

### LEGO EDUCATION

**Thursday, March 16**
1:00pm-1:50pm
State Room #2

**Friday, March 16**
2:00pm-2:50pm
State Room #2

**Friday, March 17**
11:00-11:50am
State Room #3

**Register on-site March 15-17!**

---

**Thursday: inspirIng STEAM Using Virtual Reality in Schools**

Students know computers, they've seen 3D movies, but now they can pick up virtual objects and explore STEAM subjects like never before. Attendees will interact with virtual reality computers and discover how over 400 school districts are using this technology today in their daily curriculum.

---

**Friday: Engineered for Success: Robotics, Coding, and Your Classroom**

This hands-on workshop highlights how to use TETRIX® Robotics to create a STEM-centric, project-based learning environment that meets ITEEA standards. Simple and intuitive, the TETRIX MAX building system and brand-new, PRIZM controller enable robotic creations to come to life quickly and easily. This session teaches you how to take STEAM learning through robotics to the next level. Prior to this session, we recommend downloading and installing the Arduino software and the TETRIX PRIZM library to a PC or Mac for use during the workshop. The download can be found at: [www.tetrixrobotics.com/PRIZMdownloads](http://www.tetrixrobotics.com/PRIZMdownloads).

---

**Friday: AMPing Middle and High School STEAM instruction With 3-D Printing**

Join Stratasys and Georgia Tech’s CEISMC to explore how middle and high school students are using industry-grade 3D printing technology to learn STEAM concepts via Problem Based Learning experiences. We will discuss 3-D printing solutions, and you will leave with a 3D printing toolkit to implement in your school.

---

**Thursday: Shaping What’s Next: Industry, Higher Education and 3D Printing**

3D printing is fostering career readiness across higher education disciplines, including science, manufacturing, engineering, entertainment, healthcare, aerospace, or the arts. Join Stratasys to learn about 3D printing: industry applications, higher-education use cases, tips/tricks for maximizing your investment, where to access the best resources and technical guides.

---

**Friday: AMPing Middle and High School STEAM instruction With 3-D Printing**

Join Stratasys and Georgia Tech’s CEISMC to explore how middle and high school students are using industry-grade 3D printing technology to learn STEAM concepts via Problem Based Learning experiences. We will discuss 3-D printing solutions, and you will leave with a 3D printing toolkit to implement in your school.

---

**Friday, March 17**
11:00-11:50am
State Room #3

**Register on-site March 15-17!**

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**WHITEBOX LEARNING**

**Thursday, March 16**
2:00pm-2:50pm
State Room #3

**Friday, March 17**
11:00-11:50am
State Room #3

**Turn-Key STEM/Engineering Program for Grades 6-12**

WHITEBOX LEARNING is a standards-based, project-based, hands-on, STEM/Engineering curriculum and learning system that allows students to ENGINEER and SIMULATE their designs virtually, before building. Students can design and compete, from any browser, 24/7, all around the world...how cool is that? Engage your students in the complete Engineering design process. A fully-integrated LMS and teacher training is included. Chromebook compatible. Grades 6-12.

[www.whiteboxlearning.com](http://www.whiteboxlearning.com)

---

**ZSPACE**

**Thursday, March 16**
2:00pm-2:50pm
State Room #2

**Inspiring STEAM Using Virtual Reality in Schools**

Students know computers, they've seen 3D movies, but now they can pick up virtual objects and explore STEAM subjects like never before. Attendees will interact with virtual reality computers and discover how over 400 school districts are using this technology today in their daily curriculum.
When’s the last time you were in Dallas? We’d bet it’s changed quite a bit since the last time you visited. While you’ll still experience the Texas culture that is rooted deeply in the city’s roots, Dallas is now more of an urban destination, full of life and experiences that make it a great destination year-round. It’s the only place in the world where you can experience both the thrill of the Dallas Cowboys and the savory plates of big culinary players like chefs Dean Fearing and Stephan Pyles. And if that isn’t enough, there’s no place like Dallas to reflect on some of the most impressive art collections in the world. Whatever you’re looking for, Dallas delivers. Get to Dallas and experience your own BIG moment.

Dallas is the 4th fastest growing city in the U.S., and 7 of the top 15 cities are in Texas.
• Dallas is America’s #1 Most Business-Friendly City – MarketWatch, 2015
• Texas named “Best State for Business” for 11 consecutive years – Chief Executive Magazine, 2015
• DFW International Airport named World’s third most connected airport – OAG Aviation Worldwide, 2015
• Dallas is one of the best sports cities in the U.S. – S.I.com, 2015

Watch the video at: https://www.youtube.com/watch?v=usRoj6YH-3M&feature=youtu.be

Dallas: Bigger Than Ever
Register on-site March 15-17!

ON-SITE REGISTRATION AND ITEEA RESOURCE CENTER HOURS

ITEEA Registration and Resource Center open:
Wednesday, March 15, 11:00am-5:00pm
Thursday, March 16, 8:00am-5:00pm
Friday, March 17, 8:00am-5:00pm

ITEEA Preregistration pickup only:
Wednesday, March 15, 8:00am–11:00am
Registration and the Resource Center are both located in the Grand Hall.

PREREGRISTRATION DISCOUNTS
Register prior to February 20, 2017 and save 15% on conference registration fees. Preregistration pricing is $360 for ITEEA members and $485 for nonmembers. After February 15, full conference rates of $430 for members and $540 for nonmembers will apply.
www.iteea.org/Registration_2017.aspx

PREREGRISTRATION PRIZE DRAWINGS
Names of those registered by February 20 will be entered into drawings for a $100 Amazon Gift Card. Drawings will be held at the General Sessions on Wednesday and Thursday mornings. You must be present to win.

ITEEA WORKSHOPS
Workshops will be held on Wednesday, March 15 and carry a $50-$250 registration fee. You must be registered for the conference and pay the workshop fee in order to attend. The elementary workshop on Wednesday afternoon is $50.

PROFESSIONAL DEVELOPMENT LEARNING SESSIONS
Sessions are scheduled at regular intervals and generally last 45-50 minutes. All ITEEA Professional Development Learning Sessions will take place at the Sheraton Dallas. Please refer to the conference app or the final conference program for further details.

REFUND POLICY
ITEEA conference registration refunds will be considered when requested in writing prior to March 1, 2017. All refunds are subject to a $50 processing fee, which will be deducted from the total. Refund will be issued following the conference. After March 1, 2017, no refunds will be granted. Meal functions, workshops, and the educational tours are nonrefundable.

FREE WiFi will be available throughout all ITEEA conference areas in Dallas.

THE NEW ITEEA MOBILE APP IS COMING!
Prior to the 2017 conference you will be able to download the official ITEEA mobile app to access events, speaker information, exhibitors, and much more! The new and improved 2017 app will guarantee less walking and keep your day structured, all from the palm of your hand:
• Detailed agenda at your fingertips
• Meeting room and exhibit floor maps
• Cyber networking – including speakers and exhibitors
• Polls, surveys, and more
• Browse exhibitors, mark your favorites, route to various booths, take notes on them, and more!
• Interactively add sessions from the app to your custom app schedule, then sync across your multiple devices!
• Stay up-to-date with real-time alerts
• Follow the social media buzz; even tweet from the app #iteea2017!
• Browse local Dallas restaurants, things to do, and sights to see and reference helpful travel information and much more!
More information will be available soon!

LIMITATIONS AND LIABILITY
The International Technology and Engineering Educators Association, its directors, employees, contractors, consultants, committees, and hosting organizations are not responsible for any personal injury, loss, or damages resulting from travel to, from, during, or as a result of attendance at the 79th Annual ITEEA Conference, nor for any expenses incurred as a result of travel arrangement changes for any reason, including strikes, illness, weather, acts of God, national security breaches, or other causes.
Accommodations/Housing Package

The Sheraton Dallas will serve as ITEEA headquarters. Staying in the heart of downtown means all of the best things to do in Dallas: delicious dining, world-class music, a vibrant art scene, and exciting nightlife are right at your doorstep. The Sheraton Dallas is located in the heart of Dallas’ vibrant Arts and Financial District, just steps from the DART public transportation system.

The ITEEA conference rate is $179 single/double occupancy. City hotel tax in Dallas is currently 7%, state occupancy tax is Texas is currently 6%, and the tourism fee is currently 2%. For budget purposes, the full cost of a room is $206.31 for a single/double room.

Book early to ensure availability. Our special ITEEA conference rates are guaranteed to be the lowest you can find—and these rooms, at these prices, will not last long. Rooms at this property will be selling at rates higher than our conference rates, so don’t delay in making your reservation and securing a room in the ITEEA room block. Housing will be handled via phone or via the link on pg. 21. Rates are available three days prior/following the official ITEEA meeting dates (based on availability).

ATTENTION STUDENTS: ITEEA has secured SPECIAL STUDENT HOUSING RATES for students only. The link to student housing can be acquired from Scott Greenhalgh: scott.greenhalgh@uni.edu.

IMPORTANT HOUSING NOTICE:
ITEEA works directly with our conference hotel(s) to get the best pricing for you, our ITEEA attendees and exhibitors. In the past a third party has sent solicitation emails to our members and exhibitors, claiming to be the official reservations company for ITEEA and offering to make hotel reservations. We do not work with, nor have we authorized, any other third party housing company to make hotel reservations for our conference. They are misrepresenting themselves and are not authorized to solicit on behalf of ITEEA. Thank you.
Accommodations/Housing Package

RESERVATIONS

BOOK WITH THE SHERATON DALLAS DIRECTLY:

ONLINE: Click HERE to follow the web link
TELEPHONE: 1-866-716-8134

Be sure to identify yourself as attending the ITEEA conference to get the conference rate.


In order to ensure availability, please make your reservations by this important deadline.

This room block was set up for you—our attendees. If we do not fill the rooms we have contracted, penalties are assessed to the association; without your support, ITEEA faces financial penalties for unused sleeping rooms. Thank you in advance for booking your hotel room DIRECTLY with the official ITEEA hotel.

Room Deposits/Cancellations/Changes

All reservations must be accompanied by a first-night room deposit or guaranteed by a major credit card. Individuals are responsible for their own reservations, room, tax, and incidentals. Any reservations cancelled within 72 hours of arrival will be charged one night’s room and tax (including no-shows). Once the ITEEA-contracted room block is filled, additional reservations will be accepted based on availability.

The rooms at the Sheraton Dallas offer:

• Alarm clock
• Black-out curtains
• In-room safe
• Iron/Board
• Coffee maker/Tea service
• Lighted makeup mirror
• Hair dryer
• Room service
• Sheraton Sweet Sleeper Bed
• Roll-in showers upon request

Additional amenities at the Sheraton Dallas:

• Link @ Sheraton – includes free PC workstations and printing
• Complimentary WiFi in hotel lobby
• Penfield’s Business Center
• Fitness Center
• Peet’s Coffee and Tea
• The Kitchen Table
• Draft Media Sports Lounge

PARKING

Daily self-parking is $18.40 (after the ITEEA discount). Guests staying at the Sheraton Dallas will have unlimited in-and-out privileges. Valet parking is available for $31 per day. Height restrictions are 6.5 feet at the hotel side entrance and 7 feet at the first-floor conference side entrance. There is no RV parking available.

Register on-site March 15-17!
TRANSPORTATION TO AND AROUND THE DALLAS AREA

Dallas/Ft. Worth International Airport
• Just 19 miles from downtown Dallas
• DFW serves over 64 million passengers annually.
• Taxi fare from airport to downtown Dallas is approximately $45 each way.
• Public transportation is available via the DART Rail Orange Line.

Dallas Love Field Airport
• Just 6 miles from downtown Dallas
• DAL serves over 14 million passengers annually.
• Taxi fare from airport to downtown Dallas is approximately $20 each way.
• Public transportation is available via the DART Rail Orange Line.

Getting Around Town
The Sheraton Dallas is located in the heart of Downtown Dallas’ Art District. Various public transportation options are available:
• D-Link Buses are complimentary and run every 15 minutes from 11am-11:30pm, Monday-Saturday.
• M-Line Trolley is complimentary and travels up and down McKinney Avenue.
• DART Light Rail System offers convenient transportation throughout the downtown and greater Dallas area. A daily pass is $5.00. The closest DART stop is just across the street at the corner of Bryan and Pearl streets.
• Taxis are also available outside of the lobby.

Car
From East
• Take I-20 West to Highway 80.
• Take Highway 80 West to I-30.
• Take I-30 West to US Highway 75 North.
• Exit at Elm Street (exit is on the left) and merge onto Elm Street.
• Turn right onto Harwood Street at the third light.
• Harwood becomes Olive Street. Follow Olive Street to hotel entrance.

From North
• Take US Highway 75 south.
• Take the Downtown/Live Oak Street exit (exit is on the left).
• Turn right onto Live Oak Street.
• Turn right onto Olive Street. Follow Olive Street to hotel entrance.

From South
• Take I-45 north to US Highway 75 North.
• Exit US Highway 75 at Elm Street (Elm Street is one way).
• Turn right onto the Central Expressway, which becomes Pearl Street.
• Follow two blocks to Live Oak Street and turn right.
• Go to Olive Street and turn right. Follow Olive Street to hotel entrance.
•
Career and Family. We’ve got you covered.

ITEEA-sponsored member insurance plans and services have been carefully chosen for their valuable benefits at competitive group rates from a variety of reputable, highly-rated carriers.

Professional
- Professional Liability
- Private Practice Professional Liability
- Student Educator Professional Liability

Life
- New York Life Group Term Life Insurance Plan†
- New York Life Group Accidental Death & Dismemberment Insurance†

Health
- American Health Insurance Exchange, Offering ACA-Compliant Public and Private Plans
- Educators Dental Plan‡
- New York Life Group Disability Income Protection†
- Long-Term Care Insurance
- Medicare Supplement Insurance
- Cancer Insurance Plan

Home & Auto
- GEICO Auto / Boat Insurance
- GEICO Homeowners / Condo / Renters Insurance
- GEICO Umbrella
- LegalShield™ Legal Plans and LegalShield™ Identity Theft Protection
- ASPCA Pet Health Insurance

For more information, visit www.ftj.com/ITEEA or call (800) 821-7303.

* All plans not available in all states.
† Underwritten by New York Life Insurance Company, New York, NY 10010 Policy Form GMR.
‡ Underwritten by The United States Life Insurance Company in the City of New York. AG-11194
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- STEM EDUCATION

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TO YOUR CLASSROOM.

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CURRICULUM/ASSESSMENT,
SUSTAINABILITY, CREATIVITY,
RESEARCH & SPECIAL POPULATIONS.

- Dedicated, world-class faculty
- Asynchronous programs for
  flexible learning
- 100% online delivery
- Competitive tuition
- 30 credits
- Cohorts begin in fall, spring and
  summer
- Focus on STEM and other ITEEA
  initiatives
- Optional STEM Certificate available

For more information
call 1-866-595-6348 or
e-mail calugo@calu.edu.

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GLOBAL ONLINE

www.calu.edu/go