

Conference Schedule

SHERATON DALLAS HOTEL

WEDNESDAY, NOVEMBER 12, 2025

TIME	EVENT	LOCATION
4:00 p.m.–7:00 p.m.	Registration & Information	Lone Star Ballroom Preconvene, 2nd Floor

THURSDAY, NOVEMBER 13, 2025

TIME	EVENT	LOCATION
7:00 a.m.–5:00 p.m.	Registration & Information	Lone Star Ballroom Preconvene, 2nd Floor
7:45 a.m.–8:45 a.m.	First-Time Attendees' Coffee	Chaparral Boardroom
8:00 a.m.–9:00 a.m.	Workshops	Meeting Rooms
9:30 a.m.–10:45 a.m.	Keynote Session	Lone Star Ballroom
11:00 a.m.–5:00 p.m.	Exhibit Hall Open	Lone Star Ballroom Preconvene, 2nd Floor; Grand Hall and Dallas Ballroom, 1st Floor
11:30 a.m.–12:30 p.m.	Workshops	Meeting Rooms
1:00 p.m.–2:00 p.m.	Workshops	Meeting Rooms
1:00 p.m.–2:30 p.m.	Extended Sessions	Meeting Rooms
2:30 p.m.–3:30 p.m.	Workshops	Meeting Rooms
4:00 p.m.–5:00 p.m.	Workshops	Meeting Rooms
5:15 p.m.–6:45 p.m.	STAT Welcome Reception Presented by Summit K12	Lone Star Ballroom

FRIDAY, NOVEMBER 14, 2025

TIME	EVENT	LOCATION
7:30 a.m.–4:30 p.m.	Registration & Information	Lone Star Ballroom Preconvene, 2nd Floor
8:00 a.m.–9:00 a.m.	Workshops	Meeting Rooms
8:00 a.m.–9:30 a.m.	Extended Sessions	Meeting Rooms
9:00 a.m.–5:00 p.m.	Exhibit Hall Open	Lone Star Ballroom Preconvene, 2nd Floor; Grand Hall and Dallas Ballroom, 1st Floor
9:30 a.m.–10:30 a.m.	Workshops	Meeting Rooms
11:00 a.m.–12:00 p.m.	Workshops	Meeting Rooms
12:30 p.m.–1:30 p.m.	Workshops	Meeting Rooms
2:00 p.m.–3:00 p.m.	Workshops	Meeting Rooms
2:00 p.m.–3:30 p.m.	Extended Sessions	Meeting Rooms
3:30 p.m.–4:30 p.m.	Workshops	Meeting Rooms

SATURDAY, NOVEMBER 15, 2025

TIME	EVENT	LOCATION
7:30 a.m.–10:00 a.m.	Registration	Lone Star Ballroom Preconvene, 2nd Floor
7:30 a.m.–1:30 p.m.	Information	Lone Star Ballroom Preconvene, 2nd Floor
8:00 a.m.–12:00 p.m.	Exhibit Hall Open	Lone Star Ballroom Preconvene, 2nd Floor; Grand Hall and Dallas Ballroom, 1st Floor
8:00 a.m.–9:00 a.m.	Workshops	Meeting Rooms
9:30 a.m.–10:30 a.m.	Workshops	Meeting Rooms
9:30 a.m.–11:00 a.m.	Extended Sessions	Meeting Rooms
11:00 a.m.–12:00 p.m.	Workshops	Meeting Rooms
12:30 p.m.–1:30 p.m.	Workshops	Meeting Rooms

Thursday Workshops & Extended Sessions

One-hour workshops and 2-hour extended sessions are open to all conference attendees on a first-come, first-served basis. For complete descriptions, please visit the **STATCAST** mobile app.

WORKSHOPS | 8:00 a.m.–9:00 a.m.

3-D Science Education for a Sustainable World

ID: 20131 | Grades 6–8 | Cityview 3

Jeanne Tunks, PhD, Associate Professor, University of North Texas (Retired)

Alien Worlds and Planetary Exploration With McDonald Observatory

ID: 20211 | Grades 4–5, Grades 6–8 | Austin Ballroom 3

Keely Finkelstein, PhD, Associate Professor of Instruction, McDonald Observatory; **Judy Meyer, PhD**, K–12 Education and Outreach Senior Program Coordinator, McDonald Observatory; **Joye Smittick**, K–12 Specialist, McDonald Observatory

All About Convection

ID: 20106 | Grades 6–8 | Majestic 3

Becky Walker, Science Educator, Hudson Middle School; **Amy Rush**, Instructional Coach for Middle School Science, Lufkin Middle School

EXHIBITOR SESSION

Beyond the Classroom Walls: A Hands-on Immersive Playground

ID: 60088 | Pre-K–Grade 12 | Dallas Ballroom D2

Jamie Long, Educational Partner Manager, Discovery Education; **Julie Price**, Partner Success Manager, Discovery Education

Beyond the Worksheets With the Science Divas: Strategies for 100% Student Engagement in Science

ID: 20172 | Grades 2–3, Grades 4–5 | Majestic 4–5

Telicia Smith, District Elementary Science Coach, Aldine ISD; **LaTarsha King**, District Elementary Science Coach, Aldine ISD

Bones Don't Lie: Uncovering Secrets With Forensic Anthropology and Anatomy/Physiology

ID: 20232 | Grades 9–12 | Majestic 8

Joey Guerra, Educator, PSJA North Early College High School; **Nichole Renteria**, Teacher, PSJA North Early College High School; **Carina Castillo**, Teacher, PSJA North Early College High School

Double-Duty Strategies: Raise the Bar and Make Differentiation Doable

ID: 20066 | Grades 6–8 | Cityview 2

Raul Perez, Science Teacher Department Chair, McKinney ISD

The Experience: Grab-and-Go Lessons for IPC and Chemistry

ID: 20340 | Grades 6–8, Grades 9–12 | San Antonio Ballroom B

Jennifer Ferguson, Chemistry/IPC Teacher, Denton ISD

EXHIBITOR SESSION

Exploring Mendelian Inheritance With Dog Genetics

ID: 60011 | Grades 6–8, Grades 9–12 | Dallas Ballroom A2

Robert Dennison, Teacher in Residence, miniPCR bio

EXHIBITOR SESSION

Flailing vs. Flying: Supporting Students Through Productive Struggle

ID: 60107 | Grades 2–3, Grades 4–5 | Houston Ballroom A

Great Minds

EXHIBITOR SESSION

Fluorescence Files: Decoding Forensic Clues With Spectroscopy

ID: 60048 | Grades 9–12 | Dallas Ballroom A1

Melissa Hill, Product Strategy & Planning Manager, Vernier Science Education

EXHIBITOR SESSION

Forensic Escape Room: Design Your Own Biotech Adventure

ID: 60039 | Grades 6–8, Grades 9–12 | San Antonio Ballroom A

Edvotek

Forms of Energy and Energy Transformations Interactive Lessons

ID: 20109 | Grades 6–8, Grades 9–12 | Majestic 1

Sue Parrent, Program Associate, National Energy Education Development Project

THURSDAY WORKSHOPS & EXTENDED SESSIONS

Invent the Future: Sparking Student Innovation With Invention Convention

ID: 20307 | Pre-K–Grade 12 | Majestic 2

Robert Hoyuela, Program Specialist II, Spark! PK–12 Engineering Education Outreach; **Jennifer Easterling**, Program Specialist, Spark! PK–12 Engineering Education Outreach

STAAR: Raise the Bar Elementary School Science Review

ID: 20063 | Grades 2–3, Grades 4–5 | State Room 4

Rosemary Martin, Consultant, Math & Science Cut Ups

TEA Presents: Engineering Design Challenge Planning Guide

ID: 20149 | Pre-K–Grade 12 | Austin Ballroom 2

Michelle Sedberry, Statewide STEM Coordinator, TEA

AFFILIATE SESSION

ISEA Presents: Animals in the Classroom

ID: 50304 | Grades 2–3, Grades 4–5 | State Room 1

Gilberto Dominguez, Teacher, DISD EEC

EXHIBITOR SESSION

Start Strong: The Power of Simple Science?

ID: 60073 | Pre-K–Grade 12 | Houston Ballroom C

Leah Pinto, Director of Professional Development and Shenanigans, EduSmart; **Lisa Felske Deslaurier**, Director of Curriculum and Professional Development, EduSmart

Teaching Stewardship With the Lights Out! Curriculum: Hands-on Strategies for Conservation Education

ID: 20138 | Grades 6–8 | Live Oak

Mia Schlicke, Lights Out Fort Worth and Education Program Coordinator, Texas Conservation Alliance; **Meridith Cooper**, 7th Grade Science Teacher/District Curriculum Lead, Rockwall ISD

EXHIBITOR SESSION

Journey Through the Heart

ID: 60000 | Grades 6–8, Grades 9–12 | Dallas Ballroom A3

Patti Kopkau, Teaching Partner, Carolina Biological Supply

EXHIBITOR SESSION

Teaching With 3-D Technology in an Easy and Affordable Way

ID: 60044 | Grades 6–8, Grades 9–12 | Austin Ballroom 1

Gabbie Atwell, Visible Body Education Team, Cengage Learning

EXHIBITOR SESSION

Making Thinking Visible: Scaffolds for Beginning the Sensemaking Process With Dynamic Science

ID: 60113 | Grades 6–8, Grades 9–12 | Houston Ballroom B

Staci Kwast, Content Team, Summit K12; **Kristi Haire**, Content Team, Summit K12

AFFILIATE SESSION

TABT Presents: Enhancing Science Education—Implementing 3-D Projects in the Classroom

ID: 50326 | Grades 6–8, Grades 9–12 | State Room 2

Ashton Barrera, 7th Grade Science Teacher, Waxahachie ISD

AFFILIATE SESSION

TESTA Presents: Attention Middle School Teachers!

ID: 50360 | Grades 6–8 | Remington Room

Kathryn Barclay, President, TESTA

EXHIBITOR SESSION

Plenty of Pretty Polymers

ID: 20309 | Grades 6–8, Grades 9–12 | Cityview 1

Shelly Hinson-Cooper, Science Instructional Support, Dallas ISD

AFFILIATE SESSION

TCES Presents: Connecting STEM to the TEKS—Practical Applications for the Classroom

ID: 50346 | Grades 2–3, Grades 4–5 | State Room 3

Alexandra Gazzaway, Science Specialist, Alief ISD; **Gelyn Roble EdD**, K-6 Science Coordinator, Alief ISD

EXHIBITOR SESSION

Transforming Science Learning Through Collaboration and Creation

ID: 60098 | Pre-K–Grade 12 | Dallas Ballroom D3

Colleen Cannon-Ruffo, PhD, Solution Architect, LEGO Education

THURSDAY WORKSHOPS & EXTENDED SESSIONS

AFFILIATE SESSION

TSAAPT Presents: Atomic Structure Redefined—The Journey From Bohr to Quantum Mechanics

ID: 50330 | **Grades 9–12** | Cityview 8

Ryan Piwetz, Science and Manufacturing Teacher, Port Aransas High School; **Meghan DiBacco**, Teacher, Katy ISD; **Karen Jo Matsler EdD**, UTA UTeach

AFFILIATE SESSION

TSELA Presents: Leading a District Shift to 3-D Science Learning—Strategy Vision and Lessons Learned

ID: 50313 | **Pre-K–Grade 12** | Cityview 6

Tina Hovance, Secondary Science Coordinator, Katy ISD; **Lindi Kudlacek**, Secondary Science Coordinator, Katy ISD

EXHIBITOR SESSION

You Are What You Eat! Taking Macromolecules to Micro!

ID: 60077 | **Grades 9–12** | Dallas Ballroom D1

Joseph Ferrara, High School Science Teacher, All Saints' Episcopal School; **Allison Bearden**, Academic Coordinator, Magnolia ISD

WORKSHOPS | 11:30 a.m.–12:30 p.m.

AFFILIATE SESSION

ACT2 Presents: Stoichiometry Unlocked—Activities That Make It Click

ID: 50307 | **Grades 9–12** | State Room 2

Jamie Flint, Chemistry Teacher and Consultant, Spring Woods High School

Cross-Disciplinary Integration With Micro:bit: A Hands-on Coding Experience

ID: 20174 | **Grades 6–8** | Majestic 2

Brittany Templeton, Assistant Director for Computer Science and Mathematics, Rice University Office of STEM Engagement; **Roger Ramirez**, Associate Director for Mathematics and Engineering Education, Rice University Office of STEM Engagement

EXHIBITOR SESSION

Evidence That Elevates: Engaging All Learners in Sensemaking With Dynamic Science

ID: 60114 | **Grades 9–12** | Houston Ballroom B

Melissa Gonzalez, Content Writer, Summit K12; **Shannon John**, Content Team, Summit K12; **Tony Zahn**, Director of School Partnerships, Summit K12

Beyond the Boards: The Lasting Impacts of Science Fair

ID: 20276 | **Grades 6–8, Grades 9–12** | Majestic 1

Trudi Skinner, Program Specialist II, Spark! PK–12 Engineering Education Outreach

Developing High-Quality Assessment Items

ID: 20179 | **Pre-K–Grade 12** | Austin Ballroom 2

Dodie Resendez, Education Specialist, Region 4 ESC

EXHIBITOR SESSION

Fish-Tales: Modeling the Inheritance of an Advantageous Trait With BioInteractive

ID: 60034 | **Grades 9–12** | Houston Ballroom C

Diana Siliezar-Shields, High School Science Teacher, Barrington High School; **Pam Close**, High School Science Teacher, HHMI

Classroom Experiences Students Won't Forget and Can't Get Outside of School

ID: 20009 | **Grades 2–3, Grades 4–5** | Majestic 4–5

Victor Sampson, Associate Professor of STEM Education, UT Austin

Engineering Acoustic Shields: A Real-World STEM Challenge for High School Students

ID: 20217 | **Grades 9–12** | Live Oak

Joshua Avalos, Education Outreach Coordinator, Learning Undeafed; **Nora Bransom**, Education Outreach Coordinator, Learning Undeafed

From Hypothesis to Hackathon: Hands-on Learning to Support 3-D Learning in STEM

ID: 20137 | **Grades 6–8, Grades 9–12** | Majestic 3

Cynthia Hopkins, PhD, Middle School Science Teacher, Corpus Christi ISD

EXHIBITOR SESSION

Code Breakers: Using CRISPR for Sickle Cell Gene Editing

ID: 60040 | **Grades 6–8, Grades 9–12** | San Antonio Ballroom A

Edvotek



For complete session descriptions and speaker bios, visit the STATCAST Mobile App!

THURSDAY WORKSHOPS & EXTENDED SESSIONS

EXHIBITOR SESSION

Get the Hot Takes on 3-D Curriculum: A Panel Discussion

ID: 60105 | **Grades 2–3, Grades 4–5** | Houston Ballroom A
Great Minds

EXHIBITOR SESSION

Investigating Science Concepts and Practices Through Modeling With LEGO Education

ID: 60099 | **Grades 6–8** | Dallas Ballroom D3

Colleen Cannon-Ruffo, PhD, Solution Architect, LEGO Education

AFFILIATE SESSION

ISEA Presents: Getting WILD in High School

ID: 50310 | **Grades 9–12** | State Room 1

Lynda Folts, Associate Professor, University of Incarnate Word; **Terrance Folts**, Native Plant Specialist, Texas Parks & Wildlife Department; **Callie Burris**, Secondary Science Consultant, Region 8 ESC; **Amanda Adair**, Science Department Head, All Saints Episcopal School

Living Systems in Action: Hands-on Labs Connecting Cell Organelles Ecosystems and Science Concepts

ID: 20206 | **Grades 6–8, Grades 9–12** | Cityview 1

Stephanie Kirtland, Middle School Science Teacher, Floresville Middle School; **Kristina Swanson**, Junior High Science Teacher, Henrietta ISD

EXHIBITOR SESSION

Mendel's Peas: A Hands-on Lab Connecting Mendelian Inheritance and Molecular Genetics

ID: 60012 | **Grades 6–8, Grades 9–12** | Dallas Ballroom A2

Robert Dennison, Teacher in Residence, miniPCR bio

National Board Certification: Science AYA in Chemistry—Best Practices and Tips for Success

ID: 20113 | **Grades 6–8, Grades 9–12** | San Antonio Ballroom B

Diego Leal, Science Teacher / Science Department Head, South Texas ISD

Newton's Laws Field Day

ID: 20076 | **Grades 6–8, Pre-K–Grade 12** | Austin Ballroom 3

Jokasta Maldonado-Mullet, 8th Grade Science Teacher, Red Oak ISD

EXHIBITOR SESSION

Periodic Table Talk: Discovery Education Office Hours

ID: 60089 | **Pre-K–Grade 12** | Dallas Ballroom D2

Logan Damoth, Partner Success Manager, Discovery Education

EXHIBITOR SESSION

Photosynthesis and Cellular Respiration: Teaching Common Biology Concepts With Alginate Beads

ID: 60005 | **Grades 9–12** | Dallas Ballroom A3

Crystal Risko, Senior Product Manager, Carolina Science Education

Polished and Purposeful: Perfecting Writing for the Science STAAR

ID: 20156 | **Grades 9–12** | Cityview 2

Melanie Mitchell, Department Chair of Science Biology Teacher, Longview ISD

Pollinators and Lip Balm?!

ID: 20351 | **Grades 6–8, Grades 9–12** | Cityview 3

Michaelle Coker, EdD, High School Science Teacher, Central Heights ISD

EXHIBITOR SESSION

Show Me the Moo-ney! Determine the Genetics of a CA\$H-Cow

ID: 60078 | **Grades 6–8, Grades 9–12** | Dallas Ballroom D1

Mallorie Parks, K–12 Science Facilitator, Crandall ISD

STAAR: Raise the Bar Middle School Science Review

ID: 20062 | **Grades 6–8** | State Room 4

Rosemary Martin, Consultant, Math & Science Cut Ups

STEM Stories: Combining AI and Storytelling to Support Multilingual Learners in Middle School Science

ID: 20004 | **Grades 6–8** | Austin Ballroom 1

Ricardo Lumbreras, Doctor of Curriculum and Instruction, Tarleton State University; **Gwinn North, PhD**, Assistant Professor, Tarleton State University

THURSDAY WORKSHOPS & EXTENDED SESSIONS

AFFILIATE SESSION

TCES Presents: Connecting Inquiry Into Core Memories

ID: 50335 | Grades 2–3,
Grades 4–5 | State Room 3

Melissa Brown, Elementary Science Curriculum Specialist, New Braunfels ISD

AFFILIATE SESSION

TSAAPT Presents: Illuminating Quantum Concepts Through Malus's Law and Polarization

ID: 50332 | Grades 9–12 | Cityview 8

Meghan DiBacco, Teacher, Katy ISD; **Ryan Piwetz**, Science and Manufacturing Teacher, Port Aransas High School; **Karen Jo Matsler Edd**, UTA UTeach

What Is Energy? Energy Transformations for Primary Students

ID: 20107 | Pre-K–Grade 1,
Grades 2–3 | Majestic 8

Melanie Harper, Program Associate, National Energy Education Development Project

AFFILIATE SESSION

TESTA Present: Mineral's Matters!

ID: 50357 | Grades 6–8,
Grades 9–12 | Remington Room

Kathryn Barclay, President, TESTA

AFFILIATE SESSION

TSELA Presents: So, You Want to Be a District Science Leader?

ID: 50322 | Pre-K–Grade 12 |
Cityview 6

Ann Mulvihill, AVID & Science Coordinator, Garland ISD; **Sally Scoggins**, Retired Science Coordinator/Educator, TSELA; **Bryce Henderson**, Secondary Science Curriculum Specialist, Education Center/WFISD

Wipro Presents Building Blocks of Discovery: K–2 STEM Adventures

ID: 20157 | Pre-K–Grade 1,
Grades 2–3 | Majestic 6–7

Ebonie Davis, K-2 Math/Science Instructional Coach Wipro District Science Education Fel, Wipro; **Raisha Allen**, K–12 Science Instructional Design Leader/Wipro District Science Education, DeSoto ISD; **Savannah Burkhalter**, Kindergarten Teacher Wipro District Science Education Fellow, Wipro; **Janice Washington**, 2nd Grade Teacher/Wipro District Science Education Fellow, Desoto ISD

This Just Keeps Happening: Unlocking Student Thinking Using the RTCs

ID: 20153 | Grades 4–5,
Grades 6–8 | Cityview 7

Samantha Bradbury, Science and STEM Consultant, Region 10 ESC

EXHIBITOR SESSION

What Goes Around Comes Around: Exploring Photosynthesis and the Carbon Cycle

ID: 60049 | Grades 6–8,
Grades 9–12 | Dallas Ballroom A1

Colleen McDaniel, Biology & Environmental Science Educational Technology Specialist, Vernier Science Education



For complete session descriptions and speaker bios, visit the **STATCAST Mobile App!**

WORKSHOPS | 1:00 p.m.–2:00 p.m.

AFFILIATE SESSION

ACT2 Presents: Atomic Structure Unlocked—Activities That Make It Click

ID: 50308 | Grades 9–12 |
State Room 2

Jamie Flint, Chemistry Teacher and Consultant, Spring Woods High School

EXHIBITOR SESSION

ChickCheck: The Genetics Behind Blue Chicken Eggs

ID: 60041 | Grades 6–8,
Grades 9–12 | San Antonio Ballroom A

Edvotek

EXHIBITOR SESSION

Effectively Selecting Enhancing and Utilizing Phenomena

ID: 60064 | Pre-K–Grade 12 |
Houston Ballroom C

Tobi McMillan, Co-Owner, Think Big Learning; **Marianne Dobrovlny**, Co-Owner, Think Big Learning

THURSDAY WORKSHOPS & EXTENDED SESSIONS

EXHIBITOR SESSION

Electrophoresis in Living Color: Molecules on the Move

ID: 60079 | Grades 9–12 |
Dallas Ballroom D1

Glenda Goh Denison, PD and Minilab Development Manager, MiniOne Systems

Elements of the Cosmos With McDonald Observatory

ID: 20235 | Grades 9–12 |
Austin Ballroom 3

Joye Smittick, K–12 Specialist, McDonald Observatory; **Keely Finkelstein, PhD**, Associate Professor of Instruction, McDonald Observatory; **Judy Meyer, PhD**, K–12 Education and Outreach Senior Program Coordinator, McDonald Observatory

EXHIBITOR SESSION

Exploring OpenSciEd Elementary From Carolina (K–5)

ID: 60030 | Pre-K–Grade 1, Grades 2–3 | Dallas Ballroom A3

Cory Ort, National Science Consultant, Carolina Biological Supply

EXHIBITOR SESSION

From Barnyard to Backyard: Research Projects for Ag and Biology Classrooms

ID: 60013 | Grades 9–12 |
Dallas Ballroom A2

Michela Zaffagni, PhD, Research Scientist, miniPCR bio

EXHIBITOR SESSION

Influence Through Engineering Challenges

ID: 60109 | Grades 2–3, Grades 4–5 | Houston Ballroom A
Great Minds

AFFILIATE SESSION

ISEA Presents: Getting WILD Outside With the Elementary TEKS

ID: 50311 | Grades 2–3, Grades 4–5 | State Room 1

October Smith, Manager, Long Acres Ranch; **Jennifer Adams**, Retired, Texas Parks & Wildlife Department; **Shanna Bryson**, Education Coordinator, Long Acres Ranch

EXHIBITOR SESSION

Leading the Way in Elementary Science: A Collaborative Roundtable Exchange

ID: 60090 | Grades 2–3, Grades 4–5 | Dallas Ballroom D2

Tammy Norman, Educational Partnerships Manager, Discovery Education

EXHIBITOR SESSION

Make Your Science Minutes Impactful: Integrating Hands-on Learning Into Your Science Classroom

ID: 60100 | Grades 2–3, Grades 4–5 | Dallas Ballroom D3

Colleen Cannon-Ruffo, PhD, Solution Architect, LEGO Education

EXHIBITOR SESSION

Mastering 3-D Instruction: A Hands-on Guide for K–12 Teachers

ID: 50365 | Pre-K–Grade 12 |
Lone Star Ballroom A2/A3/A4

Paul Andersen, Education Consultant, Bozemanscience.com

EXHIBITOR SESSION

A Perfect Brew: Teaching Equilibrium With Tea and Vernier Sensors

ID: 60050 | Grades 9–12 |
Dallas Ballroom A1

Melissa Hill, Product Strategy & Planning Manager, Vernier Science Education

Phenology Children's Literature and Nature Journaling: Discovering Our Ecological Address

ID: 20275 | Grades 2–3, Grades 4–5 | Majestic 8

Kirk Evans, PhD, STEAM Facilitator, Allen ISD STEAM Center

Smarter AI Not Shortcut AI: Teaching Chemistry and Physics With Integrity

ID: 20291 | Grades 9–12 |
San Antonio Ballroom B

Christopher Moore, Director, STEM TRAIL Center, University of Nebraska Omaha

Strategies for Advanced and Gifted Science Students

ID: 20006 | Pre-K–Grade 12 |
Austin Ballroom 1

Justin Pata, GT Science Teacher, Richardson ISD

AFFILIATE SESSION

TAAE Presents: How to Become a Texas Certified Environmental Educator!

ID: 50345 | Pre-K–Grade 12 |
State Room 3

Brian McDaniel, Texas Association for Environmental Education

TEA Presents: Connecting Content and Scientific and Engineering Practices

ID: 20145 | Pre-K–Grade 12 |
Austin Ballroom 2

Carla Bailey, Elementary Mathematics and Science Curriculum Specialist, Texas Education Agency

THURSDAY WORKSHOPS & EXTENDED SESSIONS

A Teaspoon of Pond Water

ID: 20258 | Grades 6–8,
Grades 9–12 | Cityview 7

Jackie Word, Teacher, Clear Creek
ISD; **Staci Wagner**, Teacher, Clear
Creek ISD

Using Science Notebooks With Three-Dimensional Learning

ID: 20139 | Grades 6–8,
Grades 9–12 | Cityview 3

Amanda Russ, Science Department
Chair, Azle Junior High

Where Science Meets History: Exploring Crosscurricular Connections

ID: 20201 | Grades 2–3,
Grades 4–5 | Cityview 1

Dennis Johnson, Professional
Development Trainer, Studies
Weekly; **Angela Barnett**,
Professional Development Trainer,
Studies Weekly

AFFILIATE SESSION

TESTA Presents: It's Just a Rock, or Is It?

ID: 50358 | Grades 4–5,
Grades 6–8 | Remington Room

Kathryn Barclay, President, TESTA

EXHIBITOR SESSION

Unlocking STAAR Success: Tailored Support With Summit K12

ID: 60115 | Grades 4–5 |
Houston Ballroom B

Jessica Torres, Science
Instructional Specialist, Summit
K12; **Elizabeth Gonzalez**, Content
Team, Summit K12; **Shannon John**,
Content Team, Summit K12

Wipro Presents: STEAMing Year-Round—Building Family Engagement Through Interactive STEM Events

ID: 20208 | Grades 2–3,
Grades 4–5 | Majestic 6–7

Monica Hatley, Elementary
Innovative Lab/STEAM Coordinator,
Wipro Science Fellowship UNT
Dallas; **Ladonna Brown**, Innovative
Lab/STEAM Educator, Pleasant
Run Elementary; **Latrice Cooks**,
Innovative Lab/STEAM Educator,
West Main Elementary



For complete session
descriptions and
speaker bios, visit the
STATCAST Mobile App!

EXTENDED SESSIONS | 1:00 p.m.–2:30 p.m.

3-D Lesson: Homeostasis

ID: 20303 | Grades 6–8,
Grades 9–12 | State Room 4

Meaghan McDowell, Anatomy &
Physiology Teacher, Katy ISD; **Leslie
O'Brien**, Anatomy & Physiology
Teacher, Cinco Ranch High School

Can a Giraffe Swim? A Lesson to Inspire 3-D Learning in Elementary Science

ID: 20093 | Grades 2–3,
Grades 4–5 | Majestic 3

Joy Marshall, Science Instructional
Coach, Conroe ISD

Mission Planning With NASA Aerospace Scholars

ID: 20221 | Grades 6–8,
Grades 9–12 | Majestic 4–5

Angela Clayton, Education
Technology Coordinator, Texas
High School Aerospace Scholars;
Madeline Monaco, Project
Coordinator, Texas High School
Aerospace Scholars; **Katie Bufford**,
Education Specialist, Texas High
School Aerospace Scholars

Back From Extinction: Teaching Genetic Engineering and Cloning Through the Case of the Dire Wolf

ID: 20255 | Grades 9–12 | Cityview 2

Kiersten Vallier, Biology Instructor,
Lamar University

Engineering “Matters”

ID: 20224 | Grades 4–5 | Majestic 1

Rhoda Goldberg, PhD, Science
Director K–12, Spring Branch ISD;
Erika Force, Elementary Science
Coordinator, Spring Branch ISD;
Carla Pace, Secondary Science
Specialist, Spring Branch ISD;
Nasreen Mohajer, MEd, Elementary
Teacher Development Lead, Spring
Branch ISD

Mission: Engagement! Level Up Lessons With Canva Gamified Fun and Rubric Power

ID: 20264 | Grades 6–8,
Grades 9–12 | Live Oak

Mallorie Parks, K–12 Science
Facilitator, Crandall ISD

THURSDAY WORKSHOPS & EXTENDED SESSIONS

The Phenomena of Earth and Space! How to Include the New TEKS and Phenomena Into Your Labs!

ID: 20328 | Grades 6–8 | Majestic 2

Tina Green, Teacher/Coach, Millsap ISD; **Robyn Ford, PhD**, Teacher/Coach, Millsap ISD

AFFILIATE SESSION

TSAAPT Presents: Building Energy Cars With Simple Materials

ID: 50302 | Grades 6–8, Grades 9–12 | Cityview 8

Deborah Armstrong, Physics and Engineering Teacher, Mineola High School

AFFILIATE SESSION

TSELA Presents: Science Leader as Coach

ID: 50318 | Pre-K–Grade 12 | Cityview 6

Derek McDowell, Secondary Science Coordinator, FRISCO ISD

Wired to Write: Demystifying SCR in Science

ID: 20020 | Grades 4–5, Grades 6–8 | Seminar Theater

Edith Garcia, Elementary Science Instructional Coach, McAllen ISD; **Stephanie Beltran**, Elementary Science Coordinator, McAllen ISD

WORKSHOPS | 2:30 p.m.–3:30 p.m.

AFFILIATE SESSION

ACT2 Presents: Congratulations on Your Engagement!

ID: 50329 | Grades 9–12 | Live Oak

Amiee Modic, Chemistry Teacher, Duchesne Academy of the Sacred Heart Houston

Choose Your Own Adventure: Stellar Evolution

ID: 20345 | Grades 6–8, Grades 9–12 | Cityview 1

Amy Anderson, PhD, Research Associate, Florida State University

AFFILIATE SESSION

ISEA Presents: Unlock Engineering Education With the Engineering Design Process and Systems Thinking

ID: 50300 | Grades 4–5, Grades 6–8 | State Room 1

John Espinoza, Substitute Teacher/Museum Educator, Informal Science Education Association of Texas

Bridging Science and Stories: Experience Three-Dimensional Learning With The Three Billy Goats Gruff

ID: 20117 | Grades 2–3, Grades 4–5 | Lone Star Ballroom A2/A3/A4

Julie Jackson, PhD, Associate Professor Science Instruction, Texas State University; **Jason Harding**, Section Leader, Elementary Science, CLEAPSS

EXHIBITOR SESSION

Engage Students in Genetics Through Space Biology

ID: 60014 | Grades 6–8, Grades 9–12 | Dallas Ballroom A2

Kristin Hennessy-McDonald, PhD, Curriculum Specialist, miniPCR bio

EXHIBITOR SESSION

K–2 Students Can Live, Laugh, and Love Science

ID: 60108 | Pre-K–Grade 1, Grades 2–3 | Houston Ballroom A

Great Minds

EXHIBITOR SESSION

Follow That Flush: Using Biotechnology for Early Disease Detection

ID: 60042 | Grades 6–8, Grades 9–12 | San Antonio Ballroom A

Edvotek

EXHIBITOR SESSION

Keep Calm and Chemistry on: Successful Lab Activities for the New Chemistry Teacher

ID: 60001 | Grades 6–8, Grades 9–12 | Dallas Ballroom A3

Patti Kopkau, Teaching Partner, Carolina Biological Supply

Building a Schoolwide Culture of Curiosity

ID: 20286 | Grades 9–12 | Austin Ballroom 3

Pamela Koo, Science Department Chair/Science Teacher, St. Dominic Savio Catholic High School; **Danielle Herridge**, Science Teacher, St. Dominic Savio Catholic High School

THURSDAY WORKSHOPS & EXTENDED SESSIONS

EXHIBITOR SESSION

Phenomenon Sensemaking in a Class Period With Summit K12 Virtual Field Investigations

ID: 60116 | Pre-K–Grade 12 | Houston Ballroom B

Kristi Haire, Content Team, Summit K12; **Jean Chambers**, Content Team, Summit K12; **Jennifer Meyer**, Director of K–12 Science, Summit K12; **Tony Zahn**, Director of School Partnerships, Summit K12

The Power of Failure in the Science Classroom

ID: 20096 | Grades 6–8, Grades 9–12 | Austin Ballroom 2

Matt Wells, Cypress Lakes High School

EXHIBITOR SESSION

The Power of Purposeful Play With LEGO Education Science for Your Youngest Learners

ID: 60101 | Pre-K–Grade 1, Grades 2–3 | Dallas Ballroom D3

Colleen Cannon-Ruffo, PhD, Solution Architect, LEGO Education

EXHIBITOR SESSION

Removing Keystones: Exploring Trophic Cascades With BioInteractive Resources

ID: 60033 | Grades 9–12 | Houston Ballroom C

Perri Carr, High School Science Teacher, Northwest ISD

Squishy Science: Exploring Young's Modulus With Marshmallows in High School Physics and Math

ID: 20099 | Grades 6–8, Grades 9–12 | Cityview 7

Cassie Whitecotton, Teacher, Sacred Heart Catholic School

Stronger Together: Building Collaborative Teaching Teams With AI In-Person and Online Tools

ID: 20050 | Pre-K–Grade 12 | Austin Ballroom 1

Sarah Husvar, Teacher, Clear Creek ISD

AFFILIATE SESSION

TAAE Presents: Mindful Science—Cultivating Observation Reflection and Earth Connection Through Field-Based Learning

ID: 50353 | Grades 4–5, Grades 6–8 | State Room 3

Bess Price, Education Manager, Meadows Center for Water and the Environment; **Miranda Wait**, Deputy Director of Spring Lake Operations, Meadows Center for Water and the Environment

EXHIBITOR SESSION

Two Hats One Mission: Marrying Reading and Science in the Elementary Classroom—It's All About the Skills!

ID: 60091 | Grades 2–3, Grades 4–5 | Dallas Ballroom D2

Mary Swinton, Science Inquiry and Innovation Coordinator, Plano ISD; **Evan Sanchez**, Partner Success Manager, Discovery Education

EXHIBITOR SESSION

What's in Your Water? Intro to Water Quality Testing With Vernier

ID: 60051 | Grades 6–8, Grades 9–12 | Dallas Ballroom A1

Colleen McDaniel, Biology & Environmental Science Educational Technology Specialist, Vernier Science Education

Who's the Sire?

ID: 20299 | Grades 9–12 | Cityview 3

Michaelle Coker, EdD, High School Science Teacher, Central Heights ISD

EXHIBITOR SESSION

Who's Baby Luna's Father? DNA Fingerprinting to the Rescue

ID: 60080 | Grades 9–12 | Dallas Ballroom D1

Courtney Sweebe, Honors/AP Biology Teacher, Conroe ISD

AFFILIATE SESSION

TESTA Presents: What Makes a Habitable World?

ID: 50344 | Grades 6–8, Grades 9–12 | Remington Room

Mary Urquhart, PhD, Associate Professor and Dept. Head, UT Dallas

Wipro Presents: STEM Sensation—3-D Toys for the Senses

ID: 20191 | Grades 2–3, Grades 4–5 | Majestic 6–7

Sherry Thompson, Academic Specialist/Wipro Science Education Fellow, Irving ISD; **Erika Rocha**, Librarian Wipro Science Education Fellow, Irving ISD; **Elizabeth Velasco**, Teacher/Wipro Science Education Fellow, Irving ISD; **Chris Dazer**, Director of Science Discovery Education, Irving ISD



For complete session descriptions and speaker bios, visit the **STATCAST Mobile App!**

THURSDAY WORKSHOPS & EXTENDED SESSIONS

WORKSHOPS | 4:00 p.m.–5:00 p.m.

AFFILIATE SESSION

ACT2 Presents: pHun With Acids and Bases in the Lab and the Kitchen

ID: 50331 | Grades 9–12 | State Room 2

Nicole Lyssy, Teacher, Curriculum Design, ACT2

AI to the Rescue! Simplify Your Lesson Planning and Keep Your Sanity!

ID: 20056 | Grades 4–5, Grades 6–8 | State Room 4

Rebecca Garms, 6–8 WAVE Science Teacher, Clear Creek ISD

Bridging the Gap: Boosting AP Chemistry Readiness in Honors Chemistry

ID: 20284 | Grades 9–12 | Cityview 7

Christina Hotchkin, Teacher, Pflugerville ISD; **Jessica Matthews**, Teacher, Pflugerville ISD

EXHIBITOR SESSION

Can You Escape the Discovery Education Room?

ID: 60092 | Pre-K–Grade 12 | Dallas Ballroom D2

Discovery Education

EXHIBITOR SESSION

Color Your Classroom: Engaging Students With Bacteria and Bio-Art

ID: 60043 | Grades 6–8, Grades 9–12 | San Antonio Ballroom A

Edvotek

Creating Inquiry-Based Lessons Utilizing a Contextualized Language-Integrated Approach to Support Emergent Bilinguals in Elementary Science Classrooms

ID: 20359 | Grades 2–3, Grades 4–5 | Majestic 8

Maria Alexandra Walsh, Research Assistant, University of Houston; **Sissy Wong, PhD**, Associate Professor, University of Houston; **Hien Tran**, Research Assistant, University of Houston; **Samuel Katende**, Science Teacher/Research Assistant, University of Houston

Excellent Energy Engineering

ID: 20110 | Grades 6–8, Grades 9–12 | Majestic 1

Sue Parrent, Program Associate, NEED Project

EXHIBITOR SESSION

Exploring OpenSciEd Middle School From Carolina

ID: 60031 | Grades 6–8 | Dallas Ballroom A3

Cory Ort, National Science Consultant, Carolina Biological Supply

EXHIBITOR SESSION

Found a Box of Vernier Sensors in Your Classroom? Start Here!

ID: 60052 | Grades 6–8, Grades 9–12 | Dallas Ballroom A1

Melissa Hill, Product Strategy & Planning Manager, Vernier Science Education; **Colleen McDaniel**, Biology & Environmental Science Educational Technology Specialist, Vernier Science Education

I Like to Move It Move It! Using Movement to Build 21st-Century Skills, Improve Retention, and Boost Student Outcomes

ID: 20091 | Grades 6–8, Grades 9–12 | San Antonio Ballroom B

Becca White, Owner / Teacher, Second Period Science (after school immersive learning)

Igniting Curiosity: Unleashing the Power of Phenomena in Your Science Classroom

ID: 20248 | Grades 6–8, Grades 9–12 | Cityview 1

Claudia Rahvar, Instructional Coach, Lamar CISD; **Cyrus Rahvar**, Biology Teacher, Lamar CISD; **Jordon Washington**, Teacher, Science Department Chair, Lamar CISD; **Yahaira Valenzuela**, Biology Teacher/Biology Team Lead, Lamar CISD

AFFILIATE SESSION

ISEA Presents: Engaging in Citizen Science at the Middle and High School Level to Increase Student Engagement and Outcomes

ID: 50303 | Grades 6–8, Grades 9–12 | State Room 1

Sarah Coles, Executive Director, Texas Children in Nature Network; **Kelly Albus**, Extension Program Specialist III, Texas A&M AgriLife Research and Extension



For complete session descriptions and speaker bios, visit the **STATCAST Mobile App!**

THURSDAY WORKSHOPS & EXTENDED SESSIONS

EXHIBITOR SESSION

Making Science Stick: Rigor and Relevance

ID: 60074 | Pre-K–Grade 12 | Houston Ballroom C

Leah Pinto, Director of Professional Development and Shenanigans, EduSmart; **Lisa Felske Deslaurier**, Director of Curriculum and Professional Development, EduSmart

Modeling as a Verb: Understanding the Shift From Traditional Modeling to a Scientific Practice

ID: 20343 | Grades 4–5, Grades 6–8 | Cityview 2

Leidy Luciani, Executive Director, The STEM Equity Project

Mysteries of the Universe: Dark Matter and Galaxies With McDonald Observatory

ID: 20209 | Grades 6–8, Grades 9–12 | Austin Ballroom 3

Keely Finkelstein, PhD, Associate Professor of Instruction, McDonald Observatory; **Judy Meyer, PhD**, K–12 Education and Outreach Senior Program Coordinator, McDonald Observatory; **Joye Smittick**, K–12 Specialist, McDonald Observatory

Pack It in: Rock Models That Rock the Classroom

ID: 20170 | Pre-K–Grade 12 | Majestic 3

Sabrina Ewald, Program Manager for Education Outreach, UT Austin; **Hilary Clement Olson, PhD**, Associate Professor of Instruction, UT Austin; **Jon Olson**, Professor, UT Austin

EXHIBITOR SESSION

Princes in the Tower: Investigate a Historical Mystery With Forensic DNA Analysis

ID: 60015 | Grades 6–8, Grades 9–12 | Dallas Ballroom A2

Kristin Hennessy-McDonald, PhD, Curriculum Specialist, miniPCR bio

EXHIBITOR SESSION

Project-Based Learning in Action: Hands-on Science That Meets TEKS

ID: 60102 | Pre-K–Grade 12 | Dallas Ballroom D3

Colleen Cannon-Ruffo, PhD, Solution Architect, LEGO Education

EXHIBITOR SESSION

Recipe for Disaster! Investigate and Solve a Foodborne Outbreak With Electrophoresis

ID: 60081 | Grades 9–12 | Dallas Ballroom D1

Lindsey Thompson, Dual Credit/AP Teacher, Waxahachie ISD; **Kristin Grace**, Criminal Justice and Health Science Teacher, Waxahachie ISD

Spark the Wonder: Cultivating Curiosity in Science

ID: 20014 | Grades 6–8, Grades 9–12 | Live Oak

Robin Rickard, 7–12 Science Instructional Coach, Mansfield ISD; **Michelle Hurst**, Secondary Science Coordinator, Mansfield ISD

STEM by the Numbers: Real-World Data Science for Every Classroom

ID: 20085 | Pre-K–Grade 12 | Majestic 4–5

Matthew Cushing, Executive Director, Rice University Office of STEM Engagement; **Brittany Templeton**, Assistant Director for Computer Science and Mathematics, Rice University Office of STEM Engagement

STEM Sparks: Igniting Innovation in Elementary Science Classrooms

ID: 20311 | Grades 2–3, Grades 4–5 | Majestic 2

Tina Valenzuela, EdD, Clinical Assistant Professor/Science Methods Instructor, Sam Houston State University

AFFILIATE SESSION

TAAE Presents: Camp in the Classroom

ID: 50354 | Grades 6–8, Pre-K–Grade 12 | State Room 3

Mary Jo Boney, SPED Teacher, Richardson ISD

TEA Presents: TEKS Guide 101

ID: 20164 | Pre-K–Grade 12 | Austin Ballroom 2

Texas Education Agency

AFFILIATE SESSION

TESTA Presents: The Earth-Moon-Sun System

ID: 50343 | Grades 4–5, Grades 6–8 | Remington Room

Mary Urquhart, PhD, Associate Professor and Dept. Head, UT Dallas

AFFILIATE SESSION

TSAAPT Presents: Waves—Eighth-Grade TEKS 8.8A and 8.8B

ID: 50301 | Grades 6–8 | Cityview 8

Janie Head, Secondary Science Specialist, TSAAPT



For complete session descriptions and speaker bios, visit the **STATCAST Mobile App!**

THURSDAY WORKSHOPS & EXTENDED SESSIONS

AFFILIATE SESSION

TSELA Presents: The Power of Compassionate Coaching—Partnering for Educator Growth

ID: 50315 | Pre-K–Grade 12 | Cityview 6

Helen Wright, Secondary Science Instructional Coach, Northwest ISD; **Shelley Hawkins**, K–12 Science Learning Coach, Keller ISD; **Nicole Young**, Elementary Science & Math Instructional Coach, Northwest ISD

Unlocking the Power of Vertical Alignment: Preparing Biology Students for Success

ID: 20075 | Grades 9–12 | Austin Ballroom 1

Lindsey Curiel, Education Specialist Secondary Science, Region 4 ESC

Who Is a Scientist? Expanding Student Perspectives Through the Scientific Method

ID: 20270 | Grades 6–8, Grades 9–12 | Cityview 3

Kelly O'Connor, Biology Teacher Doctoral Student, San Antonio ISD

Using Mini-Lessons to Teach the RTC and SEP for K–12 Teachers

ID: 50366 | Pre-K–Grade 12 | Lone Star Ballroom A2/A3/A4

Paul Andersen, Education Consultant, Bozemanscience.com

Wipro Presents: Design Across the Disciplines—STEM That Connects Engages and Inspires

ID: 20261 | Grades 2–3, Grades 4–5 | Majestic 6–7

Brittney Preston, Gifted and Talented Teacher, Wipro Science Education Fellowship at UNT Dallas; **Saundria Jackson**, Gifted and Talented Teacher, Wipro Science Education Fellowship

EXHIBITOR SESSION

Unlocking STAAR Success: Tailored Support With Summit K12

ID: 60117 | Grades 9–12 | Houston Ballroom B

Jessica Torres, Science Instructional Specialist, Summit K12; **Katie Evans**, Lead Biology Content Author, Summit K12; **Jean Chambers**, Content Team, Summit K12

Friday Workshops & Extended Sessions

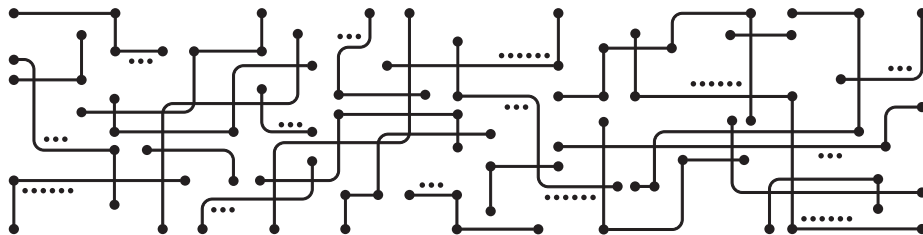
One-hour workshops, 20-minute STAT Chats, and 2-hour extended sessions are open to all conference attendees on a first-come, first-served basis. For complete descriptions, please visit the **STATCAST** mobile app.

STAT CHAT | 8:00 a.m.–8:20 a.m.

3-D Biology in Context: Engaging Emergent Bilinguals Through the Revised TEKS

ID: 20358 | Grades 9–12 |
Seminar Theater

Thalia Juarez, EdD, Science Teacher,
Donna ISD



WORKSHOPS | 8:00 a.m.–9:00 a.m.

AFFILIATE SESSION

ACT2 Presents: Sort It Out—Using Word Sorts to Build Chemistry Vocabulary and Thinking Skills

ID: 20331 | Grades 9–12,
Pre-K–Grade 12 | State Room 2

Carrie Alexander, AP and Chemistry
Teacher, ACT2

EXHIBITOR SESSION

Can You Escape the Discovery Education Room?

ID: 60092 | Pre-K–Grade 12 |
Dallas Ballroom D2

Discovery Education

EXHIBITOR SESSION

A Force to Be Reckoned With: Using Hands-on and Literacy to Build Elementary Students' Understanding of Forces

ID: 60032 | Pre-K–Grade 1,
Grades 2–3 | Dallas Ballroom A3

Cory Ort, National Science
Consultant, Carolina Biological
Supply

EXHIBITOR SESSION

Bitter or Not? Bring PTC Taste Genetics to Your Classroom

ID: 60016 | Grades 9–12 |
Dallas Ballroom A2

Robert Dennison, Teacher in
Residence, miniPCR bio

Discovering the Wonders of Waves

ID: 20104 | Grades 6–8 | Majestic 8

Becky Walker, Science Educator,
Hudson Middle School; **Amy Rush**,
STEM/GT/Instructional Coach,
Lufkin Middle School

EXHIBITOR SESSION

From Vision to Practice: Leander's Journey to Three- Dimensional Learning

ID: 60069 | Grades 6–8,
Grades 9–12 | San
Antonio Ballroom A

OpenSciEd

Boosting Participation During Lessons: Ways to Get Students Talking More

ID: 20010 | Grades 9–12 |
Austin Ballroom 2

Victor Sampson, Associate
Professor of STEM Education, UT
Austin

Extended Reality for Background Knowledge Development: Strategies for Multilingual Science Education

ID: 20338 | Pre-K–Grade 1,
Grades 2–3 | Majestic 6–7

Victor Lozada, PhD, Assistant
Professor, University of North Texas;
Ratna Narayan, Associate Professor,
University of North Texas

EXHIBITOR SESSION

Fungi, Climate Change, Evolution: Pop Culture, Real World, or Both?

ID: 60082 | Grades 9–12 |
Dallas Ballroom D1

Lindsey Thompson, Dual Credit/AP
Teacher, Waxahachie ISD; **Kristin
Grace**, Criminal Justice and Health
Science Teacher, Waxahachie ISD

FRIDAY WORKSHOPS & EXTENDED SESSIONS

EXHIBITOR SESSION

Influence Through Engineering Challenges

ID: 60109 | Grades 2–3, Grades 4–5 | Houston Ballroom A
Great Minds

Mastering 3-D Instruction: A Hands-on Guide for K–12 Teachers

ID: 50365 | Pre-K–Grade 12 | Lone Star Ballroom A2/A3/A4
Paul Andersen, Education Consultant, Bozemanscience.com

Transforming Science Learning Through Collaboration and Creation

ID: 60098 | Pre-K–Grade 12 | Dallas Ballroom D3
Colleen Cannon-Ruffo, PhD, Solution Architect, LEGO Education

EXHIBITOR SESSION

Interactive Earth and Space Science Curriculum for Today's Classrooms

ID: 60112 | Grades 4–5, Grades 6–8 | Cityview 3
Zack Stockbridge, Instructor, Simulation Curriculum

EXHIBITOR SESSION

Predator vs. Prey: How Population Shifts Shape Ecosystems

ID: 60025 | Grades 6–8 | Austin Ballroom 3
Brock O'Shell, Customer Success Consultant, National Geographic Learning/Cengage

AFFILIATE SESSION

TSAAPT Presents: All About Energy—What Does That Form Really Mean?

ID: 50351 | Grades 2–3, Grades 4–5 | Cityview 8
Mary Urquhart, PhD, Associate Professor and Dept. Head, UT Dallas;
Stephanie Taylor, PhD, Associate Professor of Instruction, UT Dallas

EXHIBITOR SESSION

Lights Current Voltage! Exploring Electricity With Vernier

ID: 60053 | Grades 9–12 | Dallas Ballroom A1
Josh Ence, Engineering Educational Technology Specialist, Vernier Science Education

EXHIBITOR SESSION

Stronger Together: Driving Innovation and Impact With Dynamic Science Teaching and Learning

ID: 60118 | Pre-K–Grade 12 | Houston Ballroom B
Amanda Gibson, K–12 Science Coordinator, College Station ISD;
Jordan Hagerman, Teacher, College Station ISD

EXHIBITOR SESSION

Using Maggots, Flies, and Flesh to Solve a Mystery!

ID: 60007 | Grades 6–8, Grades 9–12 | Houston Ballroom C
Texas Instruments

Maps of the Concrete Aspects of Teacher and Student Actions to Support Deep Conceptual Understanding of Science

ID: 20229 | Pre-K–Grade 12 | Cityview 1
Daniela Collazo, Professional Learning and Implementation Specialist, UT Austin; **Molly Ewing**, Professional Learning and Implementation Specialist, UT Austin; **Shelly LeDoux, EdD**, Director Professional Learning and Implementation, UT Austin

AFFILIATE SESSION

TCES Presents: STEM With the Littles—Big Ideas for K–2 Classroom

ID: 20048 | Pre-K–Grade 1, Grades 2–3 | State Room 3
Julianna Sheeran, STEM Teacher/Specialist, Terrell ISD; **Marla Laudan**, STEM Lab Specialist, Terrell ISD; **Hailey Roberts**, K–5 STEM Teacher, Terrell ISD; **Shannan Singletary**, STEM Educator, Terrell ISD; **Amy Toy**, Science Coordinator, Terrell ISD

Waves You Can't See Thinking You Can

ID: 20205 | Grades 6–8 | Majestic 2
Brittany Schwartz, 8th Grade Science Teacher, Katy ISD



For complete session descriptions and speaker bios, visit the STATCAST Mobile App!

FRIDAY WORKSHOPS & EXTENDED SESSIONS

EXTENDED SESSIONS | 8:00 a.m.–9:30 a.m.

3-D Lesson: Digestive System!

ID: 20300 | Grades 9–12 | State Room 4

Meaghan McDowell, Anatomy & Physiology Teacher, Katy ISD; **Leslie O'Brien**, Anatomy & Physiology Teacher, Cinco Ranch High School

Benefit From a Decade of K–12 STEM Investment With Naval STEM

ID: 20213 | Grades 6–8, Grades 9–12 | Majestic 4–5

Brandy Jackson, Chief Education Officer, Aecern; **Beth Price**, Lead Curriculum Design for Research, Aecern

Bridges Not Walls: How Teacher Leaders Build Relationships That Drive Change

ID: 20128 | Pre-K–Grade 12 | Live Oak

Joyce Lin, Associate Director of Teaching Fellows Program, Knowles Teacher Initiative

Essential Elements of Three-Dimensional Elementary Science

ID: 20135 | Grades 4–5 | Majestic 3

Jocelyn (Jo) Eckerman, Science Consultant, Independent Contractor, Witte Museum

From Phenomena to Understanding: A 3-D Approach to Teaching the Interconnected Spheres

ID: 20230 | Grades 9–12 | Cityview 4

Janice Criss, Teacher, Mansfield ISD; **Denikwa Banks**, Instructional Specialist, Texans Can Academy

Integrating Physics Math Technology and Fun!

ID: 20356 | Grades 9–12 | Cityview 7

Linda Antinone, Retired Teacher/Consultant, Council of Presidential Awardees in Mathematics

AFFILIATE SESSION

ISEA Presents: Dive Into Deep-Sea Habitats Through Real-World Science

ID: 50328 | Grades 9–12, Pre-K–Grade 12 | State Room 1

Sasha Francis, Gulf Restoration Education & Outreach Manager, National Marine Sanctuary Foundation/NOAA

Stems for STEM: Engineering Emotional Support Plant Habitats for Undergraduate STEM Students

ID: 20183 | Grades 6–8, Grades 9–12 | Majestic 1

Kristen Shelton, Administrator/Adjunct Professor/Graduate Student, Midlothian ISD

Strengthening Claim Evidence and Reasoning With Zebrafish: A Pathway to Scientific Literacy and Innovation

ID: 20142 | Grades 6–8, Grades 9–12 | Cityview 2

Vinita Hajeri, PhD, Associate Professor of Instruction, UT Dallas; **Pam Kirkland**, Master Teacher, UTeach Dallas, UT Dallas; **Bibiana Mendez**, Biology Teacher, Irving ISD

AFFILIATE SESSION

TESTA Presents: Groundwater Monitoring at a CO2 Geological Storage Site—How Do We Know Our Water Is Safe From Leaks?

ID: 50339 | Grades 6–8, Grades 9–12 | Remington Room

Dr. Katherine Romanak, PhD, Research Professor, Bureau of Economic Geology UT; **Dr. Susan Hovorka, PhD**, Research Professor, Bureau of Economic Geology UT; **Christy Ross**, Science Department Chair, La Vernia High School; **Kristyn Stovall**, Science Teacher, Tatum High School

Traveling the Road From Confusion to Clarity: Making Sense of Cluster Questions

ID: 20090 | Grades 6–8, Grades 9–12 | Austin Ballroom 1

Ashley Carter, PhD, 6–12 Science Coordinator, Plano ISD; **Jennifer Culver**, Science Consultant, Region 10 ESC

AFFILIATE SESSION

TSELA Presents: Wired to Win—Strengthening K–12 Science Resources in Light of Potential Gaps

ID: 50319 | Pre-K–Grade 12 | Cityview 6

Bryce Henderson, Secondary Science Curriculum Specialist, Education Center/WFISD



For complete session descriptions and speaker bios, visit the **STATCAST Mobile App!**

FRIDAY WORKSHOPS & EXTENDED SESSIONS

STAT CHAT | 8:40 a.m.–9:10 a.m.

Getting Students Out of the Classroom and Into the World

ID: 60128 | Grades 6–8, Grades 9–12 | Seminar Theater
Michael Kirchner, Appleseed Expeditions

STAT CHAT | 9:20 a.m.–9:40 a.m.

Beyond Decoration: Transforming Classroom Walls Into Purposeful Tools

ID: 20249 | Grades 6–8, Grades 9–12 | Seminar Theater
Meghan Spagnoli, On-Level and Inclusion Biology Teacher, Magnolia ISD

WORKSHOPS | 9:30 a.m.–10:30 a.m.

AFFILIATE SESSION

ACT2 Presents: The Everyday of the Four Laws of Thermodynamics

ID: 20219 | Grades 9–12 | State Room 2

Stephanie Taylor, PhD, Associate Professor of Instruction, UT Dallas

EXHIBITOR SESSION

DNA Exoneration and Wrongful Convictions

ID: 60083 | Grades 9–12 | Dallas Ballroom D1

Lindsey Thompson, Dual Credit/AP Teacher, Waxahachie ISD; **Kristin Grace**, Criminal Justice and Health Science Teacher, Waxahachie ISD

EXHIBITOR SESSION

Ignite Ideas Inspire Action: A Secondary Science Leadership Roundtable

ID: 60093 | Grades 6–8 | Dallas Ballroom D2

Jamie Long, Educational Partner Manager, Discovery Education

EXHIBITOR SESSION

Avoid the Rat Race: Carolina's Perfect Solution Rat Dissection

ID: 60003 | Grades 6–8, Grades 9–12 | Dallas Ballroom A3

Patti Kopkau, Teaching Partner, Carolina Biological Supply

EXHIBITOR SESSION

Exploring Science Success: Real Stories of Integrating LEGO Education Science in Classrooms—A Panel Discussion

ID: 60103 | Pre-K–Grade 12 | Dallas Ballroom D3

Colleen Cannon-Ruffo, PhD, Solution Architect, LEGO Education

EXHIBITOR SESSION

Intro to Vernier: Sensor Basics for Beginners

ID: 60054 | Grades 6–8, Grades 9–12 | Dallas Ballroom A1

Melissa Hill, Product Strategy & Planning Manager, Vernier Science Education; **Josh Ence**, Engineering Educational Technology Specialist, Vernier Science Education

Data-Driven Students: Setting Goals and Analyzing Progress

ID: 20197 | Grades 6–8, Grades 9–12 | San Antonio Ballroom B

Kristina Swanson, Junior High Science Teacher, Henrietta ISD; **Stephanie Kirtland**, Middle School Science Teacher, Floresville Middle School

EXHIBITOR SESSION

Science Is a Team Sport: Cultivating Communication and Collaboration in the Classroom

ID: 60065 | Grades 4–5, Grades 6–8 | San Antonio Ballroom A

Tobi McMillan, Co-Owner, Think Big Learning; **Marianne Dobrovlny**, Co-Owner, Think Big Learning

EXHIBITOR SESSION

Diagnosing Sickle Cell Disease: Hands-on and Virtual Genetics Labs

ID: 60017 | Grades 9–12 | Dallas Ballroom A2

Allison Nishitani, PhD, Curriculum Director, miniPCR & Genes in Space

EXHIBITOR SESSION

Get the Hot Takes on 3-D Curriculum: A Panel Discussion

ID: 60105 | Grades 2–3, Grades 4–5 | Houston Ballroom A

Great Minds

SEL-ebrating Science 2.0: Integrating Social-Emotional Learning in Science

ID: 20267 | Grades 6–8, Grades 9–12 | Cityview 1

Dora Karim, Science Teacher, Dallas ISD; **Lesa Clayton**, Secondary ELA, Dallas ISD

FRIDAY WORKSHOPS & EXTENDED SESSIONS

Settling the Prairie: Ecological Challenges and Historical Decisions that Shaped the West

ID: 20186 | Grades 6–8 | Majestic 2

Brittany Schwartz, 8th Grade Science Teacher, Katy ISD

Talk Like an Amoeba

ID: 20297 | Grades 9–12 | Austin Ballroom 3

Roanna Croker, Science Educator, Chapel Hill ISD

AFFILIATE SESSION

TCES Presents: Teaching Meets Technology—Using AI to Streamline and Supercharge Science Instruction

ID: 50336 | Grades 2–3, Grades 4–5 | State Room 3

Rocco Williams, Past President, TCES, Fort Worth ISD

TEA Presents: STAAR Scale Scores and How Changes to the TEKS impact the Texas Assessment Program

ID: 20178 | Grades 6–8, Grades 9–12 | Austin Ballroom 2

Jo Ann Bilderback, Math Science and Social Studies Director, Texas Education Agency

AFFILIATE SESSION

TESTA Presents: Plate Tectonics Rocking Our World

ID: 50350 | Grades 6–8, Grades 9–12 | Remington Room

Cherry Guentzel, Retired, TESTA; **Jim Manley**, Retired, TESTA

Transform Static Word Walls Into Interactive Learning Tools

ID: 20278 | Grades 4–5, Pre-K–Grade 12 | Lone Star Ballroom A2/A3/A4

Julie Jackson, PhD, Associate Professor, Science Instruction, Texas State University

EXHIBITOR SESSION

Unlocking STAAR Success: Tailored Support With Summit K12

ID: 60119 | Grades 4–5, Grades 6–8 | Houston Ballroom B

Jessica Torres, Science Instructional Specialist, Summit K12; **Katie Evans**, Lead Biology Content Author, Summit K12; **Melissa Gonzalez**, Content Writer, Summit K12

AFFILIATE SESSION

TSAAPT Presents: Roll With It!

ID: 50347 | Grades 9–12 | Cityview 8

Ryan Cote, Teacher, College Station ISD; **Michelle Jedlicka**, AP Physics Teacher, College Station ISD

Wipro Presents: A3—Augmented and Authentic Aquaponics

ID: 20280 | Grades 4–5, Grades 6–8 | Majestic 6–7

Marquita Rawlins Muhammad, 8th Grade Principles of Applied Engineering, University of North Texas

EXHIBITOR SESSION

Zombie Apocalypse!

ID: 60009 | Grades 6–8, Grades 9–12 | Houston Ballroom C

Texas Instruments



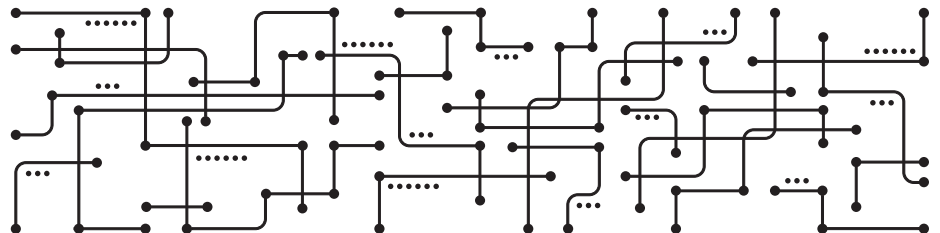
For complete session descriptions and speaker bios, visit the STATCAST Mobile App!

STAT CHAT | 10:00 a.m.–10:20 a.m.

Make Learning Stick With Tried-and-True Tricks

ID: 20348 | Pre-K–Grade 12 | Seminar Theater

Arlevia Davis, Science Instructional Specialist, Mansfield ISD



FRIDAY WORKSHOPS & EXTENDED SESSIONS

WORKSHOPS | 11:00 a.m.–12:00 p.m.

AFFILIATE SESSION

ACT2 Presents: Uncheatable Chemistry—Using AI to Design Authentic Learning

ID: 20330 | Grades 6–8,
Grades 9–12 | State Room 2

Carrie Alexander, AP and Chemistry Teacher, ACT2

EXHIBITOR SESSION

Engineer Physical Science Excitement With a Carolina STEM Challenge

ID: 60002 | Grades 6–8,
Grades 9–12 | Dallas Ballroom A3

Patti Kopkau, Teaching Partner, Carolina Biological Supply

EXHIBITOR SESSION

From Gaps to Gains: Smart Science Intervention

ID: 60075 | Pre-K–Grade 12 | Austin Ballroom 3

Leah Pinto, Director of Professional Development and Shenanigans, EduSmart; **Andrea Hopkins**, Education Consultant, EduSmart

EXHIBITOR SESSION

Adapting Gel Electrophoresis Labs for Real Classrooms and Real Learners

ID: 60084 | Grades 9–12 | Dallas Ballroom D1

Mallory Trevino, High School Science Facilitator, Mesquite ISD; **Caleb Elson**, High School Science Teacher, Horn High School

Everything Moles

ID: 20241 | Grades 9–12 | Cityview 2

Sonja Crowell, Teacher & Accelerated Learning Coordinator, Lubbock High School

EXHIBITOR SESSION

Explore X-linked Inheritance Through Genetic Testing for Hemophilia

ID: 60018 | Grades 9–12 | Dallas Ballroom A2

Kristin Hennessy-McDonald, PhD, Curriculum Specialist, miniPCR bio

EXHIBITOR SESSION

The Backward Lens: From Phenomenon to Understanding With Dynamic Science

ID: 60120 | Grades 9–12 | Houston Ballroom B

Jean Chambers, Content Team, Summit K12; **Katie Evans**, Lead Biology Content Author, Summit K12

EXHIBITOR SESSION

Filling the Gaps: TEKS-Aligned Science Curriculum Support

ID: 60059 | Grades 6–8,
Grades 9–12 | Houston Ballroom C

Karen Sommerhauser, K–12 STEM Specialist and Account Executive, JoVE

Biomolecules: Modeling the Molecules of Life

ID: 20239 | Grades 9–12 | Cityview 7

Kimberly Hendix, Teacher, Northwest ISD

Fridge-Free Baking

ID: 20132 | Grades 9–12 | Majestic 3

Martha Kennedy, Teacher, Los Fresnos High School

Empowering Student Collaboration: Strategies for 21st-Century Skill Building

ID: 20220 | Grades 4–5,
Grades 6–8 | Cityview 1

Karleigh Webb, Campus Instructional Specialist, Science, Sheldon ISD

Getting Your Students Outside by Creating an Outdoor Classroom

ID: 20200 | Grades 9–12,
Pre-K–Grade 12 | Austin Ballroom 1

Rhonda Burrough, AP Environmental Science Teacher, Katy High School; **Jack Gaines**, AP Environmental Science Teacher, Bryan ISD

Growing a STEM Culture: How Influencers Community and a Task Force Can Transform a District

ID: 20127 | Grades 2–3,
Grades 4–5 | Majestic 4–5

Tosha Hoefert, K–12 Science Coordinator, Little Elm ISD

Harvesting Change: Exploring Agriculture in Virtual Reality

ID: 20354 | Grades 6–8 | Live Oak

Tyler Harper-Gampp, PhD, Postdoctoral Researcher, Texas State University

Inspo Boards: STEM Integration for Busy Classrooms

ID: 20016 | Pre-K–Grade 1,
Grades 4–5 | Majestic 1

Elizabeth Bingham, STEM Teacher, Argyle ISD

FRIDAY WORKSHOPS & EXTENDED SESSIONS

Introduction to the UIL Science Contest

ID: 20282 | Grades 9–12 | Austin Ballroom 2

Brian Anderson, PhD, UIL Science Chemistry Director, University of Texas

EXHIBITOR SESSION

Let's Give Them Something to Talk About: Sparking Student Discourse in Science

ID: 60094 | Grades 6–8 | Dallas Ballroom D2

Discovery Education

AFFILIATE SESSION

TCES Presents: Storybooks to STEM

ID: 20054 | Pre-K–Grade 1, Grades 2–3 | State Room 3

Julianna Sheeran, STEM Teacher/Specialist, Terrell ISD; **Marla Laudan**, STEM Lab Specialist, Robotics Coach, Terrell ISD; **Hailey Roberts**, K–5 STEM Teacher FLL, Terrell ISD; **Shannan Singletary**, STEM Educator, Terrell ISD; **Amy Toy**, Science Coordinator, Terrell ISD

AFFILIATE SESSION

ISEA Presents: Project WILD—Migration and the Monarch Butterfly

ID: 50312 | Grades 4–5, Grades 6–8 | State Room 1

Stephanie Hurst, Science Department Chair, Cleveland Middle School; **Lucinda Sohn**, Education Consultant, Texas Science Educator; **Michelle Crowell**, Science Teacher, Project WILD

EXHIBITOR SESSION

On the Right Track: Investigating Conservation Laws With Sensor Carts

ID: 60055 | Grades 9–12 | Dallas Ballroom A1

Josh Ence, Engineering Educational Technology Specialist, Vernier Science Education

AFFILIATE SESSION

TSAAPT Presents: Wave? Particle? Or Both? Demystifying Light for Your Students

ID: 50333 | Grades 9–12 | Cityview 8

Meghan DiBacco, Teacher, Katy ISD; **Ryan Piwetz**, Science and Manufacturing Teacher, Port Aransas High School; **Karen Jo Matsler EdD**, UTA UTeach

EXHIBITOR SESSION

K–2 Students Can Live, Laugh, and Love Science

ID: 60108 | Pre-K–Grade 1, Grades 2–3 | Houston Ballroom A Great Minds

EXHIBITOR SESSION

The Power of Purposeful Play With LEGO Education Science for Your Youngest Learners

ID: 60101 | Pre-K–Grade 1, Grades 2–3 | Dallas Ballroom D3

Colleen Cannon-Ruffo, PhD, Solution Architect, LEGO Education

AFFILIATE SESSION

TSELA Presents: Bridging Standards Essentials and Transfer—Designing Powerful 3-D Assessments in New Texas Science

ID: 50316 | Grades 6–8, Grades 9–12 | Cityview 6

Amy Ousley, Curriculum Coordinator, Prosper ISD

Let Them Lead: Themed Work Days That Build Voice Choice and Responsibility

ID: 20308 | Grades 2–3, Grades 4–5 | San Antonio Ballroom B

Christina Hayes, 5th Grade Science Teacher, Colleyville ISD

Start Your Engines: Middle School Physics Fun

ID: 20103 | Grades 6–8 | Majestic 8

Amy Rush, STEM/GT/Instructional Coach, Lufkin Middle School; **Becky Walker**, Science Educator, Hudson Middle School

EXHIBITOR SESSION

Unlocking Success: The Power of True Professional Learning Partnerships

ID: 60070 | Grades 6–8, Grades 9–12 | San Antonio Ballroom A

Activate Learning

AFFILIATE SESSION

TABT Presents: Bio on the Go!

ID: 50325 | Grades 9–12 | Lone Star Ballroom C4

Amy Neville, Teacher/Science Dept. Chair, Anna ISD

Let's Do the Wave

ID: 20118 | Grades 4–5, Grades 6–8 | State Room 4

Julie Rhea, Grades 7–8 Science Teacher, Bland ISD

FRIDAY WORKSHOPS & EXTENDED SESSIONS

Using Mini-Lessons to Teach the RTC and SEP for K–12 Teachers

ID: 50366 | Pre-K–Grade 12 | Lone Star Ballroom A2/A3/A4

Paul Andersen, Education Consultant, Bozemanscience.com

Why 3-D? Making Science Learning Stick Spark and Matter

ID: 20158 | Grades 6–8, Grades 9–12 | Cityview 3

Karen Groves, Secondary Science Teacher, Northwest ISD; **Helen Wright**, Secondary Science Instructional Coach, Northwest ISD

Wipro Presents: Choice Boards Unleashed Innovating Differentiation for Every Learner

ID: 20262 | Grades 4–5 | Majestic 6–7

Brittney Preston, Gifted and Talented Teacher, Wipro Science Education Fellowship at UNT Dallas

STAT CHAT |
11:20 a.m.–11:40 a.m.

The Quiet Curriculum: Proven Moves That Build Belonging in STEM

ID: 20281 | Grades 6–8, Grades 9–12 | Seminar Theater

Uchenna Emenaha Miles, PhD, Assistant Professor, The University of Texas at San Antonio

STAT CHAT |
12:00 p.m.–12:20 p.m.

Biology for All: Making Biology Relevant for All Students

ID: 20250 | Grades 6–8, Grades 9–12 | Seminar Theater

Meghan Spagnoli, On-Level and Inclusion Biology Teacher, Magnolia ISD

STAT CHAT |
12:40 p.m.–1:10 p.m.

Getting Students Out of the Classroom and Into the World

ID: 60128 | Grades 6–8, Grades 9–12 | Seminar Theater

Michael Kirchner, Appleseed Expeditions

WORKSHOPS | 12:30 p.m.–1:30 p.m.

EXHIBITOR SESSION

Are Your Teachers Ready for ChatGPT? Preparing Districts for the AI Shift

ID: 60111 | Grades 9–12, Pre-K–Grade 12 | Cityview 3

Stephen Walther, Founder, Empower Teachers AI

Drawing Conclusions in Physics

ID: 20231 | Grades 9–12 | Cityview 7

Mashal Khan, Physics Team Lead, Princeton High School

EXHIBITOR SESSION

Finding the Magical Math Moments in Science

ID: 60106 | Grades 2–3, Grades 4–5 | Houston Ballroom A Great Minds

Books to Builds: STEM Activities to Complement Your Favorite Read-Alouds

ID: 20086 | Grades 2–3, Grades 4–5 | Majestic 4–5

Terra Tarango, Director, Van Andel Institute for Education

EXHIBITOR SESSION

Exploring Renewable Energy: Wind Turbine Design for All Levels

ID: 60056 | Grades 6–8, Grades 9–12 | Dallas Ballroom A1

Colleen McDaniel, Biology & Environmental Science Educational Technology Specialist, Vernier Science Education; **Josh Ence**, Engineering Educational Technology Specialist, Vernier Science Education

From Cells to Society: Making Biology Meaningful Through Real-World Phenomena

ID: 20097 | Grades 9–12 | Cityview 1

Amanda Stewart, Teacher, Jacksonville ISD; **Shelby Conway**, Teacher, Jacksonville ISD

Differentiation Through Discovery: Conservation in Action

ID: 20245 | Grades 6–8 | Cityview 2

Faith Blaine, Instructional Coach, Humble ISD; **Megan Workman**, Science Teacher/Coach, Humble ISD

EXHIBITOR SESSION

The Instructional Road Less Traveled

ID: 60095 | Pre-K–Grade 12 | Dallas Ballroom D2

David Martinez, Elementary Science Curriculum Coach, Cypress-Fairbanks ISD; **Tammy Norman**, Educational Partnerships Manager, Discovery Education

Fast and Furious Labs—Refueled!

ID: 20322 | Grades 4–5, Grades 6–8 | Austin Ballroom 1

Leah Besson, Middle School Science Teacher, Rusk ISD; **Sonnie Moore**, 8th Grade Science Teacher, Rusk ISD

FRIDAY WORKSHOPS & EXTENDED SESSIONS

AFFILIATE SESSION

ISEA Presents: Summer in Space—A 3-Day Adventure Through the Cosmos

ID: 50305 | Grades 4–5, Grades 6–8 | State Room 1

Rikki Schramm, Teacher, Dallas ISD STEM Environmental Education Center

EXHIBITOR SESSION

Phenomenon-Based Learning Through the Eyes of National Geographic Explorers

ID: 60026 | Grades 9–12 | San Antonio Ballroom B

Brock O'Shell, Customer Success Consultant, National Geographic Learning/Cengage

Smarter Science Teaching: How AI Can Transform Your Lessons Today

ID: 20173 | Grades 4–5 | Austin Ballroom 3

Uchenna Emenaha Miles, PhD, Assistant Professor, The University of Texas at San Antonio

EXHIBITOR SESSION

Make Your Science Minutes Impactful: Integrating Hands-on Learning Into Your Science Classroom

ID: 60100 | Grades 2–3, Grades 4–5 | Dallas Ballroom D3

Colleen Cannon-Ruffo, PhD, Solution Architect, LEGO Education

Put It Back: Carbon Capture and Sequestration Engineering Design Challenge

ID: 20167 | Grades 9–12 | Majestic 3

Sabrina Ewald, Program Manager for Education Outreach, UT Austin; **Hilary Clement Olson, PhD**, Associate Professor of Instruction, UT Austin; **Jon Olson**, Professor, UT Austin

Stems for STEM: Engineering Emotional Support Plant Habitats for Undergraduate STEM Students

ID: 20182 | Grades 6–8, Grades 9–12 | Majestic 1

Kristen Shelton, Administrator/Adjunct Professor/Graduate Student, Midlothian ISD

Make-and-Take Atoms

ID: 20227 | Grades 6–8, Grades 9–12 | State Room 4

Mary Urquhart, PhD, Associate Professor and Dept. Head, UT Dallas; **Stephanie Taylor, PhD**, Associate Professor of Instruction, UT Dallas

EXHIBITOR SESSION

Putting the STEAM Into Pipetting Skills

ID: 60085 | Grades 6–8, Grades 9–12 | Dallas Ballroom D1

Mallorie Parks, K–12 Science Facilitator, Crandall ISD

EXHIBITOR SESSION

Stronger Together: Driving Innovation and Impact With Dynamic Science Teaching and Learning

ID: 60121 | Pre-K–Grade 12 | Houston Ballroom B

Estafania Holmquist, Dual Language and Innovative Learning Teacher, Southwest ISD; **Vanessa Saenz**, 5th Grade Teacher, Southwest ISD

Murder Mayhem and All Things Forensic

ID: 20111 | Grades 9–12 | Majestic 8

Lori Barber, Educator, Ford High School

EXHIBITOR SESSION

Save Hours With AI and Video: TEKS-Aligned Science Lessons in a Click

ID: 60060 | Grades 6–8, Grades 9–12 | San Antonio Ballroom A

Sauna Carlson, AI Integration Specialist & Marketing Director, JoVE

AFFILIATE SESSION

TABT Presents: Visual Literacy in Biology

ID: 50364 | Grades 6–8, Grades 9–12 | State Room 2

Rama Chintapalli, Secondary Science Coordinator, Donna ISD

Party With Experimental Design

ID: 20314 | Grades 2–3, Grades 4–5 | Majestic 2

Juliane Sullivan, 5th Grade Science Teacher, Comanche ISD

EXHIBITOR SESSION

Shifting Gears: Elementary STAAR Review in the Era of New TEKS

ID: 60068 | Grades 2–3, Grades 4–5 | Houston Ballroom C

Marianne Dobrovlny, Co-Owner, Think Big Learning; **Tobi McMillan**, Co-Owner, Think Big Learning

AFFILIATE SESSION

TAAE Presents: Get Virtual in the Lab!

ID: 50361 | Grades 6–8, Grades 9–12 | State Room 3

Cindy Wilems, Director of Education, Galveston Bay Foundation



For complete session descriptions and speaker bios, visit the **STATCAST Mobile App!**

FRIDAY WORKSHOPS & EXTENDED SESSIONS

Talk Like a Scientist: Boosting Academic Conversations

ID: 20296 | Grades 6–8,
Grades 9–12 | Live Oak

Sarah Young, Biology & AP Environmental Science Teacher, Medina Valley ISD

AFFILIATE SESSION

TESTA Presents: The One-Thing-at-a-Time Periodic Table Activity

ID: 50349 | Grades 6–8,
Grades 9–12 | Remington Room

Jim Manley, Retired, TESTA; **Cherry Guentzel**, Retired, TESTA

EXHIBITOR SESSION

Using Models to Teach Climate and Climate Change

ID: 60006 | Grades 6–8,
Grades 9–12 | Dallas Ballroom A3

Crystal Risko, Senior Product Manager, Carolina Science Education

EXHIBITOR SESSION

Teaching Inherited Cancer Risk and Ethical Reasoning Through Lynch Syndrome

ID: 60019 | Grades 9–12 |
Dallas Ballroom A2

Allison Nishitani, PhD, Curriculum Director, miniPCR & Genes in Space

AFFILIATE SESSION

TSAAPT Presents: Good Vibrations—Making Connections to Waves and Oscillations With Sound and Music

ID: 50337 | Grades 6–8,
Grades 9–12 | Cityview 8

Rachel Smith, Teacher, Lubbock ISD

Wipro Presents: Hands on, Minds on—Exploring the Link Between Engineering Design and Student Writing

ID: 20246 | Grades 2–3,
Grades 4–5 | Majestic 6–7

Rhenett Ingram, 4th Grade Science Teacher, Lancaster ISD

Teaching Without Burnout: Keeping Your Spark Alive

ID: 20005 | Pre-K–Grade 12 |
Austin Ballroom 2

Nancy Foote, The Markerboard People

AFFILIATE SESSION

TSELA Presents: Blending Science in 3-D—Using Station Rotations the 5Es and 3-D Learning to Empower and Engage

ID: 50317 | Pre-K–Grade 12 |
Cityview 6

Caitlin Couch, K–12 Science Coordinator, Ector County ISD



For complete session descriptions and speaker bios, visit the **STATCAST Mobile App!**

WORKSHOPS | 2:00 p.m.–3:00 p.m.

AI for Every Teacher: Personalized Tools and Workflows to Reclaim Time and Energy

ID: 20243 | Pre-K–Grade 12 |
San Antonio Ballroom B

Velita Turner, Secondary Science Teacher, Crowley ISD

Asset-Oriented Framing of Science and Language Learning With Multilingual Learners

ID: 50368 | Pre-K–Grade 12 |
Lone Star Ballroom A2/A3/A4

Jennifer Meyer, Director of K–12 Science, Summit K12; **Okhee Lee, PhD**, Professor, New York University; **JW Marshall**, Vice President of Marketing, Summit K12

EXHIBITOR SESSION

Bitter Genes and Tasting Truths: Linking DNA to Dinner Table Preferences

ID: 60086 | Grades 6–8,
Grades 9–12 | Dallas Ballroom D1

Jennifer Giannou-Moore, Biology Teacher, Highland Park High School

Baking on a Budget

ID: 20133 | Grades 9–12 | Majestic 3

Martha Kennedy, Teacher, Los Fresnos High School

The Case of a Warming Planet

ID: 20057 | Grades 6–8,
Grades 9–12 | Cityview 7

Keith Gentry, Science Teacher, Frenship High School; **Michelle Bompezzi**, Earth Systems Teacher, Frenship High School

FRIDAY WORKSHOPS & EXTENDED SESSIONS

Constructing Curiosity: Providing Enrichment Experiences With LEGO Education

ID: 60104 | Pre-K–Grade 12 |
Dallas Ballroom D3

Colleen Cannon-Ruffo, PhD,
Solution Architect, LEGO Education

EXHIBITOR SESSION

Flailing vs. Flying: Supporting Students Through Productive Struggle

ID: 60107 | Grades 2–3,
Grades 4–5 | Houston Ballroom A
Great Minds

STEM on the Go: Cracking the Code of Distance and Time Through Motion

ID: 20105 | Grades 6–8 | Majestic 8

Amy Rush, STEM/GT/Instructional
Coach for Middle School Science,
Lufkin Middle School; **Becky Walker**,
Science Educator, Hudson Middle
School

EXHIBITOR SESSION

Crash Course in Physics: Exploring Motion and Force Phenomena for Middle School

ID: 60057 | Grades 6–8 |
Dallas Ballroom A1

Josh Ence, Engineering Educational
Technology Specialist, Vernier
Science Education

EXHIBITOR SESSION

From Classroom to Career: A Guided Adventure With Career Connect and Careers Hub

ID: 60096 | Pre-K–Grade 12 |
Dallas Ballroom D2

Kristi Olmsted, Educational
Partnerships Manager, Discovery
Education

EXHIBITOR SESSION

Talk to Learn: Empowering Student Voice With Dynamic Science

ID: 60122 | Grades 2–3,
Grades 4–5 | Houston Ballroom B

Shannon John, Content Team,
Summit K12; **Tony Zahn**, Director of
School Partnerships, Summit K12;
Elizabeth Gonzalez, Content Team,
Summit K12

EXHIBITOR SESSION

Exploring Genetic Disease Through PCR: A Classroom Case Study on Cystic Fibrosis

ID: 60020 | Grades 9–12 |
Dallas Ballroom A2

Allison Nishitani, PhD, Curriculum
Director, miniPCR & Genes in Space

I Want to Present at CAST

ID: 20202 | Pre-K–Grade 12 |
Cityview 1

Dennis Johnson, Professional
Development Trainer, Studies Weekly

Teaching With Intention: Strategies for Educators Trying to Calm the Chaos

ID: 20263 | Pre-K–Grade 12 |
Austin Ballroom 3

Kasey Wendel, Teacher, Buffalo ISD

EXHIBITOR SESSION

Exploring OpenSciEd High School From Carolina

ID: 60029 | Grades 9–12 |
Dallas Ballroom A3

Cory Ort, National Science
Consultant, Carolina Biological
Supply

Literacy Without Losing the Lab: Practical Strategies for Science Classrooms

ID: 20318 | Grades 6–8,
Grades 9–12 | Majestic 2

Krystal Mitchell, High School
Science Instructional Coach,
Cleveland ISD

EXHIBITOR SESSION

Transitioning to a Phenomenon-Based Learning Space With OpenSciEd

ID: 60072 | Grades 6–8,
Grades 9–12 | Houston Ballroom C

OpenSciEd

EXHIBITOR SESSION

Exploring the Effects of Climate Change on Biodiversity With BioInteractive

ID: 60035 | Grades 9–12 |
San Antonio Ballroom A

Diana Siliezar-Shields, High School
Science Teacher, Barrington High
School

Rooted in Reasoning: Strengthening Claims With Plant Phenomena

ID: 20244 | Grades 9–12 | Cityview 2

Janice Criss, Teacher, Mansfield
ISD; **Denikwa Banks**, Instructional
Specialist, Texans Can Academy

AFFILIATE SESSION

TSAAPT Presents: Conservation of Momentum Labs

ID: 50348 | Grades 9–12 | Cityview 8

Ryan Cote, Teacher, College Station
ISD; **Michelle Jedlicka**, AP Physics
Teacher, College Station ISD

FRIDAY WORKSHOPS & EXTENDED SESSIONS

AFFILIATE SESSION

TSELA Presents: We Can Do Hard Things—The Power of Productive Struggle

ID: 50314 | Pre-K–Grade 12 | Cityview 6

Lisa Smith, Science Coordinator, Bryan ISD

Wipro Presents: From Concrete Models to Abstract Thinking

ID: 20188 | Grades 2–3, Grades 4–5 | Majestic 6–7

Ian Talamantes, 4th Grade Dual Language Teacher, Grand Prairie ISD; **Guillermo Lozano**, 3rd Grade Dual Language Teacher, UNT Dallas; **Marisol Guerrero**, 5th Grade Dual Language Science Teacher, Grand Prairie ISD; **Rosalyn Miles**, 4th Math/Science Teacher, Grand Prairie ISD; **Brianna Chandler**, 3rd Grade Teacher, UNT Dallas; **Mariana Gonzalez**, 1st Grade Dual Language Teacher, UNT Dallas



For complete session descriptions and speaker bios, visit the **STATCAST Mobile App!**

EXTENDED SESSIONS | 2:00 p.m.–3:30 p.m.

Cosmic Clutter: The Mission to Clean Up Space Debris

ID: 20055 | Grades 6–8 | Majestic 1

Kristen Yip, Senior Education Program Manager, Blue Origin's Club for the Future

Create Your Own CustomGPT to Act as Your Science Assistant

ID: 20253 | Pre-K–Grade 12 | Austin Ballroom 2

Bruce Ellis, Director of Professional Development, TCEA

CSI: Chemistry—Identifying Mystery Powders Through Inquiry and Engineering Design

ID: 20272 | Grades 6–8, Grades 9–12 | Cityview 3

Catherine Urick, Graduate Student, Texas A&M University

AFFILIATE SESSION

ISEA Presents: 3-D Programs for Elementary and Middle School

ID: 50306 | Grades 4–5, Grades 6–8 | State Room 1

Mark Broughton, Director, Dallas ISD STEM Environmental Education Center

Learning on the Go With Goosechase!

ID: 20012 | Pre-K–Grade 12 | Live Oak

Sara Wills, Digital Learning Coach, Mansfield ISD; **Amy Senato**, K–6 Science Coordinator, Mansfield ISD

Let's Develop a Research Program!

ID: 20025 | Grades 6–8, Grades 9–12 | Austin Ballroom 1

Jason Econome, Biology Research Teacher, Stuyvesant High School

Poster Session Presentations

ID: 20600 | Pre-K–Grade 12 | Lone Star Ballroom C3

Various

AFFILIATE SESSION

TAAE Presents: Every Day Is Earth Day—Making Sense of Sustainability in Your Life

ID: 50363 | Grades 2–3, Grades 4–5 | State Room 3

Amy Kamata, 5th Grade Math/Science Teacher, North East ISD

AFFILIATE SESSION

TCES Presents: STEM Spectacular

ID: 50367 | Grades 2–3, Grades 4–5 | Lone Star Ballroom C4

Gelyn Roble, President, Texas Council of Elementary Science

FRIDAY WORKSHOPS & EXTENDED SESSIONS

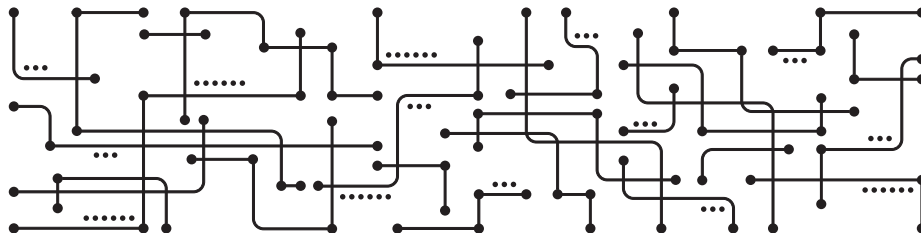
EXTENDED SESSION | 2:00 p.m.-5:30 p.m.

AFFILIATE SESSION

TABT Presents: Texas Association of Biology Teachers Annual Meeting

ID: 50327 | Grades 9–12 | State Room 2

Amy Neville, Teacher/Science Dept Chair, Anna ISD



WORKSHOPS | 3:30 p.m.-4:30 p.m.

EXHIBITOR SESSION

Animal Acoustics: Analyzing Sound Waves in Physics and Biology

ID: 60058 | Grades 9–12 | Dallas Ballroom A1

Josh Ence, Engineering Educational Technology Specialist, Vernier Science Education; **Colleen McDaniel**, Biology & Environmental Science Educational Technology Specialist, Vernier Science Education

EXHIBITOR SESSION

The Case of The Murdered Mayor: Solve a Forensic Case Using Multiple Lines of Evidence

ID: 60004 | Grades 6–8, Grades 9–12 | Dallas Ballroom A3

Ryan Hailey, Product Manager, Carolina Biological Supply

Protect the House, Fortify Your Mindset, Energize Curiosity, and Lead Students With Resilience and Innovation in Science Education

ID: 20184 | Grades 6–8, Grades 9–12 | Austin Ballroom 3

Michael Allison, Consultant, The Adversity Academy Leadership Development Group

EXHIBITOR SESSION

Bacterial Transformation Made Easy With True Blue

ID: 60021 | Grades 9–12 | Dallas Ballroom A2

Kristin Hennessy-McDonald, PhD, Curriculum Specialist, miniPCR bio

Energize the Future

ID: 20166 | Grades 6–8, Grades 9–12 | Majestic 3

Jon Olson, Professor, UT Austin; **Hilary Clement Olson, PhD**, Associate Professor of Instruction, UT Austin; **Sabrina Ewald**, Program Manager for Education Outreach, UT Austin

Resourceful Thinking: Note-Making With Explore Boards

ID: 20061 | Grades 6–8 | State Room 4

Nicole Willoughby, Middle School Science Instructional Coach, Riverwood Middle School; **Traci Hutson**, 6th Grade Science Teacher, Riverwood Middle School

EXHIBITOR SESSION

Beyond the Classroom Walls: A Hands-on Immersive Playground

ID: 60088 | Pre-K–Grade 12 | Dallas Ballroom D2

Jamie Long, Educational Partner Manager, Discovery Education; **Julie Price**, Partner Success Manager, Discovery Education

EXHIBITOR SESSION

Investigating Science Concepts and Practices Through Modeling With LEGO Education

ID: 60099 | Grades 6–8 | Dallas Ballroom D3

Colleen Cannon-Ruffo, PhD, Solution Architect, LEGO Education

Science Class Upgraded: Differentiation With the Power of AI

ID: 20305 | Grades 2–3, Grades 4–5 | San Antonio Ballroom B

Christina Hayes, 5th Grade Science Teacher, Colleyville ISD

Level Up: Simple Strategies to Boost AP Chemistry Scores

ID: 20289 | Grades 9–12 | Cityview 1

Jessica Matthews, Teacher, Pflugerville ISD; **Christina Hotchkin**, Teacher, Pflugerville ISD

FRIDAY WORKSHOPS & EXTENDED SESSIONS

The Science of Distraction: Why Students Can't Concentrate and What We Can Do About It

ID: 20095 | Grades 6–8,
Grades 9–12 | Lone Star
Ballroom A2/A3/A4

Matt Wells, Science Dept. Chair & GT
Trainer, Cypress Lakes High School

AFFILIATE SESSION

TESTA Presents: Rocks and "Everything We Can Get" Raffle!

ID: 50355 | Pre-K–Grade 12 |
Remington Room

Kathryn Barclay, President, TESTA

EXHIBITOR SESSION

Unlocking STAAR Success: Tailored Support With Summit K12

ID: 60123 | Grades 4–5 |
Houston Ballroom B

Jessica Torres, Science
Instructional Specialist, Summit K12;
Elizabeth Gonzalez, Content Team,
Summit K12

EXHIBITOR SESSION

Shifting Gears: MS STAAR Review in the Era of New TEKS

ID: 60066 | Grades 6–8 |
San Antonio Ballroom A

Tobi McMillan, Co-Owner, Think Big
Learning; **Marianne Dobrovlny**,
Co-Owner, Think Big Learning

AFFILIATE SESSION

TSAAPT Presents: Instant Data Analysis and Self-Grading Labs

ID: 50338 | Grades 6–8,
Grades 9–12 | Cityview 8

Kenric Davies, Program Manager,
aggieTEACH, Texas A&M University;
Christine Rittenhouse, AP Physics
Teacher, Frisco ISD

EXHIBITOR SESSION

Walk the Line!

ID: 60010 | Grades 6–8,
Grades 9–12 | Houston Ballroom C

Texas Instruments

Step Right Up! Carnival Treats and Science Feats—Let's Test That Snack!

ID: 20077 | Grades 6–8,
Grades 9–12 | Majestic 8

Jokasta Maldonado-Mullet, 8th
Grade Science Teacher, Red Oak ISD

AFFILIATE SESSION

TSELA Presents: Maximizing Science Instructional Impact Through Focused Leadership

ID: 50320 | Pre-K–Grade 12 |
Cityview 6

Rama Chintapalli, Secondary
Science Coordinator, Donna ISD;
Emily Anderson, Science Director,
Donna ISD

EXHIBITOR SESSION

What the Het?! Leveraging the Flexibility of MiniOne in a High School Snake Breeding Program

ID: 60087 | Grades 9–12 |
Dallas Ballroom D1

Joseph Ferrara, High School
Science Teacher, All Saints'
Episcopal School; **Allison Bearden**,
Academic Coordinator, Magnolia ISD

Sugar-Coated Science

ID: 20078 | Grades 6–8,
Grades 9–12 | Cityview 7

Chloe Ates, High School Science
Teacher, Odyssey Academy

Unlocking Science Vocabulary for Below-Level Readers

ID: 20203 | Grades 4–5,
Grades 6–8 | Majestic 2

Amy Garcia, 6th Grade Science
Team Lead, Pasadena ISD

Wipro Presents: Using the Engineering Design Process to Increase Student Engagement in Physics

ID: 20207 | Grades 6–8,
Grades 9–12 | Majestic 6–7

Robert Mathews, Lead Physics
Instructor, Wipro

Saturday Workshops & Extended Sessions

One-hour workshops and 2-hour extended sessions are open to all conference attendees on a first-come, first-served basis. For complete descriptions, please visit the **STATCAST** mobile app.

WORKSHOPS | 8:00 a.m.–9:00 a.m.

AI + Canva: Supporting Inclusion Students in the Intermediate Science Classroom

ID: 20049 | Grades 6–8, Pre-K–Grade 12 | San Antonio Ballroom B

Sarah Husvar, Teacher, Clear Creek ISD

AI-Powered Support for Secondary Science Teachers: From Planning to Feedback

ID: 20028 | Grades 6–8, Grades 9–12 | Majestic 3

Franklin Allaire, PhD, Associate Professor of Science Education, University of Houston-Downtown

Beyond the Textbook: Phenomena-Driven Instruction That Sparks Curiosity and Engagement

ID: 20082 | Grades 4–5, Grades 6–8 | State Room 2

Lance Dugger, Teacher, Dr. Jimmie Don Aycock Middle School

EXHIBITOR SESSION

Can You Escape the Discovery Education Room?

ID: 60092 | Pre-K–Grade 12 | Dallas Ballroom D2

Discovery Education

Can Your Barn Win the Triple Crown?

ID: 20301 | Grades 6–8, Grades 9–12 | Cityview 7

Michaëlle Coker, EdD, High School Science Teacher, Central Heights ISD

EXHIBITOR SESSION

Constructing Curiosity: Providing Enrichment Experiences With LEGO Education

ID: 60104 | Pre-K–Grade 12 | Dallas Ballroom D3

Colleen Cannon-Ruffo, PhD, Solution Architect, LEGO Education

EXHIBITOR SESSION

Crosscurricular Instructional Strategies for Teaching Physics

ID: 60027 | Grades 9–12 | Houston Ballroom C

Ty Hull, Science Content Specialist, National Geographic Learning/Cengage

Defining Differentiation in the Science Classroom

ID: 20329 | Grades 6–8, Grades 9–12 | Lone Star Ballroom A2/A3/A4

Arlevia Davis, Science Instructional Specialist, Mansfield ISD

Demystifying Stoichiometry: It's Just Math

ID: 20336 | Grades 9–12 | Majestic 8

Brynne Parkerson, Bio/ES Science Teacher, North Mesquite High School

Empowering 21st-Century Learners Through Project-Based Learning and AI-Supported Instruction

ID: 20148 | Grades 6–8, Grades 9–12 | Majestic 2

Rolla Elsaïary, Assistant Principal, Houston ISD

EXHIBITOR SESSION

Engage Students in Genetics Through Space Biology

ID: 60022 | Grades 6–8, Grades 9–12 | Dallas Ballroom A2

Kristin Hennessy-McDonald, PhD, Curriculum Specialist, miniPCR bio

Exploring the Genetic Code: 3-D Modeling Investigation

ID: 20238 | Grades 9–12 | Cityview 2

Kimberly Hendix, Teacher, Northwest ISD

EXHIBITOR SESSION

From Vision to Practice: Leander's Journey to Three-Dimensional Learning

ID: 60069 | Grades 6–8, Grades 9–12 | San Antonio Ballroom A

OpenSciEd

AFFILIATE SESSION

ISEA Presents: Secrets Symbols Bones and Beyond—Animal Adaptations and the Food Chain

ID: 50309 | Pre-K–Grade 1, Grades 2–3 | State Room 1

Amy Kamata, 5th Grade Math/Science Teacher, Northeast ISD; **Francisco Vaca**, Early Learning Instructional Coach, FWISD

MARVELous AI: Superhero Strategies for Formative Assessment

ID: 20268 | Pre-K–Grade 12 | Cityview 1

Paul Munshower, Science Teacher, Godley High School

SATURDAY WORKSHOPS & EXTENDED SESSIONS

Of Code and Chord: How Sonification of NIH Genomes Enables New Appreciations of Evolution and Genetics

ID: 20084 | Pre-K–Grade 12 | Austin Ballroom 2

Jason Brogden, Dean of Science Instruction, Founders Classical Academy

EXHIBITOR SESSION

Stronger Together: Driving Innovation and Impact With Dynamic Science Teaching and Learning

ID: 60124 | Pre-K–Grade 12 | Houston Ballroom B

Amylyn Borja-Freese, Science Teachers, La Joya High School

Tools of the Astronomer: Taking Apart Starlight With McDonald Observatory

ID: 20334 | Grades 6–8, Grades 9–12 | Majestic 6-7

Judy Meyer, PhD, K–12 Education and Outreach Senior Program Coordinator, McDonald Observatory; **Joye Smittick**, K–12 Specialist, McDonald Observatory; **Keely Finkelstein, PhD**, Associate Professor of Instruction, McDonald Observatory

Rocket Science: Relationships and Real-World Physics

ID: 20228 | Grades 4–5, Grades 6–8 | Majestic 1

Bela Power, Education Business Development Manager, Estes Industries

AFFILIATE SESSION

TCES Presents: Science Sanity and Smiles—Strategies That Actually Work

ID: 50324 | Grades 2–3, Grades 4–5 | State Room 3

Morgan Castillo, TCES Regional VP PhD Student, Baylor University; **Valery Haskett**, Teacher, Midway ISD; **Tracey Sulak**, Clinical Associate Professor, Baylor University

AFFILIATE SESSION

TSAAPT Presents: Exoplanets and Citizen Science Astronomy in the Classroom

ID: 50352 | Grades 6–8, Grades 9–12 | Cityview 8

Mary Urquhart, PhD, Associate Professor and Dept. Head, The University of Texas at Dallas

EXHIBITOR SESSION

Shifting Gears: Biology STAAR/EOC Review in the Era of New TEKS

ID: 60067 | Grades 9–12 | Dallas Ballroom A3

Marianne Dobrovolny, Co-Owner, Think Big Learning; **Tobi McMillan**, Co-Owner, Think Big Learning

EXHIBITOR SESSION

TEKS Without the Tears: BIOZONE's Complete Biology Solution for Texas Classrooms

ID: 60045 | Grades 9–12 | Austin Ballroom 1

Lissa Bainbridge-Smith, Ms, BIOZONE Corporation

AFFILIATE SESSION

TSELA Presents: Setting the Stage for Successful Implementation—Building Knowledge Selecting Materials and Customizing Curriculum for Districtwide Implementation

ID: 20252 | Grades 2–3, Grades 4–5 | Cityview 6

Jennifer Kaszuba, Elementary Science Coordinator, Leander ISD; **Whitney Blanden**, Elementary Science Specialist, Leander ISD; **Amanda Dickson**, Elementary Science Specialist, Leander ISD

Smarter Science: Integrating Educational AI Tools in the High School Classroom

ID: 20079 | Grades 9–12 | Cityview 3

Amanda Stewart, Teacher, Jacksonville ISD

AFFILIATE SESSION

TESTA Presents: TESTA Share-a-Thon

ID: 50356 | Grades 6–8, Grades 9–12 | Lone Star Ballroom C4

Kathryn Barclay, President, TESTA

EXHIBITOR SESSION

STAARready: Smart Review Proven Results

ID: 60076 | Pre-K–Grade 12 | Austin Ballroom 3

Lisa Felske Deslaurier, Director of Curriculum and Professional Development, EduSmart; **Leah Pinto**, Director of Professional Development and Shenanigans, EduSmart



For complete session descriptions and speaker bios, visit the **STATCAST Mobile App!**

Why Ask Why? Asking Questions for Inquiry

ID: 20026 | Grades 6–8, Grades 9–12 | State Room 4

Brandi West, Assistant Director for Secondary STEM Education, Rice University Office of STEM Engagement

SATURDAY WORKSHOPS & EXTENDED SESSIONS

WORKSHOPS | 9:30 a.m.-10:30 a.m.

EXHIBITOR SESSION

Accelerating Advanced Science: Video and AI Tools for AP Honors and Upper-Level High School

ID: 60062 | Grades 9–12 | San Antonio Ballroom A

Shauna Carlson, AI Integration Specialist & Marketing Director, JoVE

EXHIBITOR SESSION

Data Literacy in Action: Strengthening STEM Understanding

ID: 20134 | Grades 4–5, Grades 6–8 | Austin Ballroom 1

Michelle Ferro, Senior National Academic Specialist, Accelerate Learning, **Jenna Chambers**, National Academic Specialist, Accelerate Learning

Hands-on Science Activities Presented by Preservice Teachers

ID: 20226 | Grades 2–3, Grades 4–5 | Lone Star Ballroom C4

Michael Kamen, PhD, Professor, Southwestern University; **Tonya Jeffery, PhD**, Assistant Professor, Stephen F. Austin State University; **Carol Waters, EdD**, Assistant Professor, University of Houston-Clear Lake; **Ratna Narayan**, Associate Professor, University of North Texas at Dallas; **Michael Mary, PhD**, Assistant Professor, Texas A&M University-San Antonio; **Ava Knez**, Preservice Teacher, Southwestern University; **Sydney Jackson**, Preservice Teacher, Southwestern University; **Emma Bethke**, Preservice Teacher, Southwestern University; **Elisa Keese**, Preservice Teacher, Southwestern University; **Catherine Matthews**, Preservice Teacher, Southwestern University; **Tiffany Ashcraft**, Preservice Teacher, Southwestern University

AFFILIATE SESSION

ACT2 Presents: That Process Has a Temperature Change?!

ID: 50342 | Grades 6–8, Grades 9–12 | State Room 2

Marissa Otteson, Lecturer Dallas College-Richland Campus SMU, Associated Chemistry Teachers of Texas

EXHIBITOR SESSION

Effective Scientific Discourse: Walk the Walk and Talk the Talk . . . Like a Scientist

ID: 60110 | Grades 2–3, Grades 4–5 | Houston Ballroom A

Kristi Madden, Success Lead, Great Minds

AI-Powered Support for Elementary Science Teachers: From Planning to Reflection

ID: 20027 | Grades 2–3, Grades 4–5 | Majestic 6-7

Franklin Allaire, PhD, Associate Professor of Science Education, University of Houston-Downtown

Formative Assessment Story Probes: Engaging Students in Science Thinking

ID: 20189 | Grades 4–5, Grades 6–8 | Lone Star Ballroom A2/A3/A4

Page Keeley, Author Consultant, Uncovering Student Ideas

Capitalize the A in STEAM: Hands-on TEKS-Aligned Art + Science Projects

ID: 20295 | Grades 6–8 | Majestic 2

Emma Arett, 7th Grade Science Teacher, Solar Preparatory School for Girls

Hands on, Minds on (Mini Make-and-Take): Creating Engaging Activities Puzzles and Games

ID: 20122 | Grades 6–8, Grades 9–12 | San Antonio Ballroom B

Rodelio Abuan, Teacher, Aldine ISD

Inquiry as Strategy for STEM Education

ID: 20260 | Grades 6–8, Grades 9–12 | Cityview 8

Muhammad Bhatti, PhD, Professor, UTRGV

EXHIBITOR SESSION

Making Sense With Writing: CER Is for EVERYONE!

ID: 60125 | Pre-K–Grade 12 | Houston Ballroom B

Jennifer Meyer, Director of K–12 Science, Summit K12; **Tony Zahn**, Director of School Partnerships, Summit K12

SATURDAY WORKSHOPS & EXTENDED SESSIONS

Making YOU a Water Geek

ID: 20165 | Grades 9–12,
Pre-K–Grade 12 | Cityview 7

Jessica Paz, Water Conservation Specialist, Texas Water Development Board

Plastic Polymers: Discovering Possible Solutions to the Nurdle Hurdle

ID: 20339 | Grades 9–12 |
State Room 4

Amy Calhoun, Sabine ISD

EXHIBITOR SESSION

Princes in the Tower: Investigate a Historical Mystery With Forensic DNA Analysis

ID: 60023 | Grades 6–8,
Grades 9–12 | Dallas Ballroom A2

Kristin Hennessy-McDonald, PhD, Curriculum Specialist, miniPCR bio

EXHIBITOR SESSION

Project-Based Learning in Action: Hands-on Science That Meets TEKS

ID: 60102 | Pre-K–Grade 12 |
Dallas Ballroom D3

Colleen Cannon-Ruffo, PhD, Solution Architect, LEGO Education

EXHIBITOR SESSION

Recipe for Disaster! Investigate and Solve a Foodborne Outbreak With Electrophoresis

ID: 60081 | Grades 9–12 |
Dallas Ballroom D1

Lindsey Thompson, Dual Credit/AP Teacher, Waxahachie ISD; **Kristin Grace**, Criminal Justice and Health Science Teacher, Waxahachie ISD

EXHIBITOR SESSION

The Science Café: Connect and Energize With Discovery Education

ID: 60097 | Pre-K–Grade 12 |
Dallas Ballroom D2

Logan Damoth, Partner Success Manager, Discovery Education

EXHIBITOR SESSION

STAARready: Smart Review Proven Results

ID: 60076 | Pre-K–Grade 12 |
Austin Ballroom 3

Lisa Felske Deslaurier, Director of Curriculum and Professional Development, EduSmart; **Leah Pinto**, Director of Professional Development and Shenanigans, EduSmart

STAT Presents: Wired for Discovery—Illuminating Connections Through Light and Energy

ID: 50369 | Grades Pre-K–Grade 12 |
Seminar Theater

Tina Hovance, Secondary Science Coordinator, Katy ISD; **Nicole Lyssy**, Teacher, Curriculum Design, ACT2

The Sun on Mt. Nose: How the Sun Affects Time on Earth

ID: 20316 | Grades 4–5 |
Austin Ballroom 2

Elisa Lee, Preservice Teacher, University of Texas at Austin; **Antonia Chimonidou, PhD**, Associate Professor of Practice, University of Texas at Austin

AFFILIATE SESSION

TESTA Presents: TexNet—The Texas Statewide Earthquake Monitoring Research Program

ID: 50340 | Grades 6–8,
Grades 9–12 | Remington Room

Dino Huang, PhD, Seismologist, UT Austin

Tinker. Print. Innovate. A Launchpad for 3-D Creativity

ID: 20321 | Grades 4–5,
Grades 6–8 | State Room 3

Toni Garrison, STEM Science Teacher, Sheldon ISD

AFFILIATE SESSION

TSELA Presents: Maximizing Instructional Time and Student Outcomes With Purposeful Station Rotations in Elementary Science

ID: 50323 | Grades 2–3,
Grades 4–5 | Cityview 6

Mary Swinton, Science Inquiry and Innovation Coordinator, Plano ISD

EXHIBITOR SESSION

Where The Wild Things Are: Exploring Habitat Fragmentation With BioInteractive

ID: 60037 | Grades 9–12 |
Houston Ballroom C

Perri Carr, High School Science Teacher, Northwest ISD



For complete session descriptions and speaker bios, visit the **STATCAST Mobile App!**

SATURDAY WORKSHOPS & EXTENDED SESSIONS

EXTENDED SESSIONS | 9:30 a.m.–11:00 a.m.

Colorful Chemistry: Investigating pH and Conductivity With Blue Butterfly Tea

ID: 20100 | Grades 9–12 | Cityview 1

Cassie Whitecotton, Teacher, Sacred Heart Catholic School

Fairy Tale Science With Phenomena

ID: 20047 | Pre-K–Grade 1,
Grades 2–3 | Majestic 3

Sunny Richardson, K–12 Science Coordinator, Forney ISD

Storytelling Meets Science: Creating AI-Enhanced Comics and Digital Magazines

ID: 20315 | Grades 4–5,
Grades 6–8 | Cityview 3

LeAnne Gisler, K–12 Science Coordinator, Boerne ISD; **Jamie Cook**, Instructional Coah, Boerne ISD

CSI Biology: How to Incorporate the Best of Forensic Science Into the Biology TEKS

ID: 20176 | Grades 9–12 | Majestic 8

Janis Davis, Science Teacher, Northwest ISD

Low-Cost Labs for the Biology Classroom

ID: 20313 | Grades 9–12 |
State Room 1

Jenn Zeyen, Secondary Teacher, Fort Stockton ISD

Three-Dimensional Learning With Project WET

ID: 20265 | Grades 4–5,
Grades 6–8 | Majestic 1

Melissa Mullins, Environmental Education Specialist, Baylor University Center for Reservoir and Aquatic Systems Research; **Marti Lathrop**, Program Project Coordinator, University of North Texas

Engineers to the Rescue in Middle School Science

ID: 20233 | Grades 6–8 |
Majestic 4-5

Carla Pace, Secondary Science Specialist, Spring Branch ISD; **Adrienne Pere**, Secondary Science Instructional Specialist, Spring Branch ISD

Sparked by AI: Wiring Science Discovery With Gemini and Grok

ID: 20116 | Pre-K–Grade 12 |
Cityview 2

Bryce Henderson, Secondary Science Curriculum Specialist, Education Center/WFISD

WORKSHOPS | 11:00 a.m.–12:00 p.m.

AFFILIATE SESSION

ACT2 Presents: Art Surface Tension and Like Dissolves Like

ID: 20218 | Grades 6–8,
Grades 9–12 | State Room 2

Stephanie Taylor, PhD, Associate Professor of Instruction, UT Dallas

EXHIBITOR SESSION

Bacterial Transformation Made Easy With True Blue

ID: 60024 | Grades 9–12 |
Dallas Ballroom A2

Kristin Hennessy-McDonald, PhD, Curriculum Specialist, miniPCR bio

EXHIBITOR SESSION

Finding the Magical Math Moments in Science

ID: 60106 | Grades 2–3,
Grades 4–5 | Houston Ballroom A

Great Minds

AI Best Practices in the Physics Classroom

ID: 20290 | Grades 6–8,
Grades 9–12 | Cityview 7

Leah Fleitas, High School Physics Teacher, Notre Dame Trustey STEM Fellowship

Bringing Inquiry Full Circle: How to Use Inquiry in Early Elementary

ID: 20089 | Pre-K–Grade 1,
Grades 2–3 | Majestic 2

Stacey Sneed, PhD, Lecturer, Texas Tech University; **Sydney Holder**, Teacher Candidate, Texas Tech University; **Anum Javeed**, Teacher Candidate, Texas Tech University; **Taylor McVey**, Teacher Candidate, Texas Tech University

EXHIBITOR SESSION

Labs With Less Labor

ID: 60008 | Grades 6–8,
Grades 9–12 | Houston Ballroom C

Texas Instruments

SATURDAY WORKSHOPS & EXTENDED SESSIONS

Level Up Your Labs: Interactive Notebooks Meet Virtual Simulations

ID: 20335 | Grades 6–8, Grades 9–12 |
San Antonio Ballroom B

Jeani Gonzalez, Science Teacher,
Little Elm ISD; **Lisa Stevens**, Science
Teacher, Little Elm ISD

Machine Learning and Me

ID: 20342 | Grades 9–12 |
Majestic 6-7

Amy Anderson, PhD, Research
Associate, Florida State University

Magical and Fun . . . Properties of Water?

ID: 20053 | Grades 6–8 |
State Room 4

Valerie Blackburn, 8th Grade
Science Teacher, Clear Creek ISD

EXHIBITOR SESSION

Ready Set Teach: All-in-One Science Resources From BIOZONE That Work!

ID: 60046 | Grades 9–12 |
San Antonio Ballroom A

Lissa Bainbridge-Smith, BIOZONE

The Science Teacher's AI Toolkit

ID: 20254 | Pre-K–Grade 12 |
Austin Ballroom 2

Bruce Ellis, Director of Professional
Development, TCEA

AFFILIATE SESSION

TESTA Presents: A Vivid Earth Science Introduction to Landforms and Plate Tectonics

ID: 50341 | Grades 4–5,
Grades 6–8 | Remington Room

Mary Urquhart, PhD, Associate
Professor and Dept. Head, UT Dallas

Texas Envirothon: Fostering the Next Generation of Environmental Leaders

ID: 20140 | Grades 9–12 |
Austin Ballroom 1

Rowena McDermid, Environmental
Education Program Assistant,
University of Houston-Clear Lake;
Wendy Reistle, Environmental
Education Coordinator, University of
Houston-Clear Lake

EXHIBITOR SESSION

Transforming Science Learning Through Collaboration and Creation

ID: 60098 | Pre-K–Grade 12 |
Dallas Ballroom D3

Colleen Cannon-Ruffo, PhD,
Solution Architect, LEGO Education

AFFILIATE SESSION

TSELA Presents: Rigor in the Process—Encouraging More Thinking With More Doing

ID: 50321 | Pre-K–Grade 12 | Cityview 6

Jennifer Ramsey, Science
Consultant, lead4ward

EXHIBITOR SESSION

Unlocking STAAR Success: Tailored Support With Summit K12

ID: 60126 | Pre-K–Grade 12 |
Houston Ballroom B

Jessica Torres, Science
Instructional Specialist, Summit K12;
Katie Evans, Lead Biology Content
Author, Summit K12; **Elizabeth
Gonzalez**, Content Team, Summit
K12

Using Data Science to Teach Astronomy and Space Science

ID: 20022 | Grades 9–12 | Cityview 8

Jimmy Newland, CS Education
Specialist, Texas Advanced
Computing Center; **Justin Hickey**,
Physics Teacher, Episcopal High
School

EXHIBITOR SESSION

Virtual Lab Preparation That Works: Reinforcing Lab Skills With Video Lab Protocol

ID: 60061 | Grades 6–8,
Grades 9–12 | Austin Ballroom 3

Karen Sommerhauser, K–12 STEM
Specialist and Account Executive,
JoVE

WORKSHOPS | 12:30 p.m.–1:30 p.m.

EXHIBITOR SESSION

Beyond the Textbook: Bringing Research and Real-World Science Into Classrooms

ID: 60063 | Grades 6–8,
Grades 9–12 | Austin Ballroom 3

Karen Sommerhauser, K–12 STEM
Specialist and Account Executive, JoVE

EXHIBITOR SESSION

Exploring the “Explore” of the 5E Model

ID: 60028 | Grades 9–12 |
San Antonio Ballroom A

Gloria Gonzales, Sr. Events
Specialist, National Geographic
Learning/Cengage

The Great Science Escape: Immersive Classroom Challenge Campaigns

ID: 20124 | Grades 6–8 | Majestic 8

Maria Schildan, 7th Grade Science
Teacher, Red Oak ISD; **Joanna Baxter**,
7th Grade Science Teacher, Red Oak
ISD; **Hannah Schwieger**, 8th Honors
Teacher, Red Oak ISD; **Shanna Weir**, 7th
Grade Science Teacher, Red Oak ISD

SATURDAY WORKSHOPS & EXTENDED SESSIONS

Integrating Language and Science: Supporting Emergent Bilinguals Through Three-Dimensional Instruction

ID: 20074 | Grades 6–8, Grades 9–12 | State Room 3

Lindsey Curiel, Education Specialist, Secondary Science, Region 4 ESC

EXHIBITOR SESSION

Mosquitoes Suck . . .

ID: 60038 | Grades 6–8, Grades 9–12 | Houston Ballroom C
Texas Instruments

EXHIBITOR SESSION

Taking the Next Steps With Science Vocabulary

ID: 20129 | Pre-K–Grade 12 | Austin Ballroom 2

Michelle Ferro, Senior National Academic Specialist, Accelerate Learning; Jenna Chambers, National Academic Specialist, Accelerate Learning

AFFILIATE SESSION

ISEA Presents: Science Alive K–12: Teaching With Invertebrates!

ID: 20073 | Pre-K–Grade 12 | State Room 1

Sara Ramirez, Teacher, Dallas ISD Environmental Education Center

EXHIBITOR SESSION

The Power of 3-D! Engaging Students in Science Like Never Before

ID: 60127 | Pre-K–Grade 12 | Houston Ballroom B

Katie Evans, Lead Biology Content Author, Summit K12; Elizabeth Gonzalez, Content Team, Summit K12

EXHIBITOR SESSION

Teach Smarter, Not Harder: Streamline Science Delivery With Our Digital Platform BIOZONE WORLD

ID: 60047 | Grades 9–12 | Austin Ballroom 1

Lissa Bainbridge-Smith, BIOZONE

Lesson Plans That Spark: Get Wired for Discovery With STEM Integration and Coaching

ID: 20081 | Pre-K–Grade 1, Pre-K–Grade 12 | Majestic 3

Amanda Materre, EdD, Doctoral STEM Research Fellow, Walden University

Rocking With Frizzle: Using STEM to Incorporate the New TEKS

ID: 20034 | Grades 4–5, Grades 6–8 | Majestic 1

Erica Cray, 5th Grade Science Teacher, Brazosport ISD

AFFILIATE SESSION

TESTA Presents: A Whole Lotta Space!

ID: 50359 | Grades 6–8 | Remington Room

Kathryn Barclay, President, TESTA

EXHIBITOR SESSION

Make Your Science Minutes Impactful: Integrating Hands-on Learning Into Your Science Classroom

ID: 60100 | Grades 2–3, Grades 4–5 | Houston Ballroom A

Colleen Cannon-Ruffo, PhD, Solution Architect, LEGO Education

AFFILIATE SESSION

TAAE Presents: Calming the Waters

ID: 50362 | Grades 6–8, Grades 9–12 | Cityview 7

Cindy Wilems, Director of Education, Galveston Bay Foundation

EXHIBITOR SESSION

Take the Challenge: Integrated Physics and Chemistry for Texas

ID: 60071 | Grades 6–8, Grades 9–12 | San Antonio Ballroom B

Activate Learning

What's Up? Sun, Moon, Planets, and Stars for Early Elementary Learners

ID: 20240 | Pre-K–Grade 1, Grades 2–3 | Majestic 2

Judy Meyer, PhD, K–12 Education and Outreach Senior Program Coordinator, McDonald Observatory; Joye Smittick, K–12 Specialist, McDonald Observatory; Keely Finkelstein, PhD, Associate Professor of Instruction, McDonald Observatory