

Building a Culture of Curiosity

Science Teachers of Missouri Fall Conference

Columbia, MO

October 25th, 2025 9:00am–4:00pm

sponsored by Academy of Science and Discovery Center

Internet Access

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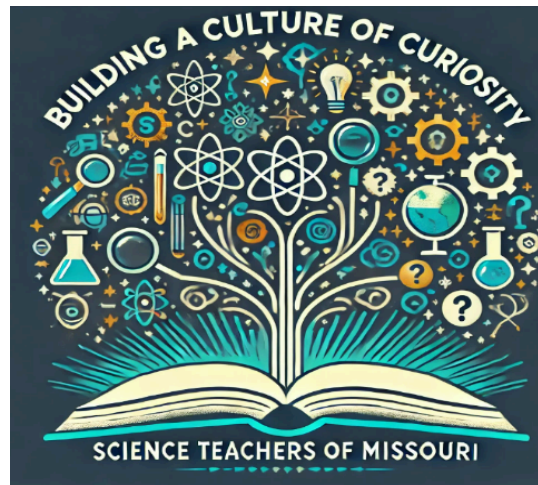
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Welcome and Keynote Session
9:00-9:50

Curiosity is the Fuel for Outstanding Teaching

Dr. Beverly Devore-Wedding, NSTA President

Concurrent Sessions
10:00-10:50

It's Phenomenal! Using Real-World Connections to Support Three-Dimensional Learning Mike Larson		Measuring Up: Bridging Science and Math Through Real World Measurement and Data Analysis Amy Bartlett and Kayla Eads	From Fellows to Trailblazers: What's Next with Wipro Science Education Marsha Tyson	Building Curiosity with the Grand Canyon National Park Storyline Alyssa Weisenstein
all levels		elementary school	middle/high school	high school

Concurrent Sessions
11:00-11:50

Things that Make You Say Hmmm: A Dialogue on Why Science and Why Science Now Dr. Nicole Williams and Ty McNichols	Fostering a Culture of Curiosity through Phenomena and Driving Question Boards Alex Gerber and Heather Milo	Tackling Implicit Bias Anissa Williams	Make Science Fair Part of Your STEM Class: Alignment Between the K-12 MLS and ISEF Science Fair Projects Elly Walsh-Rock	Solutions to Teacher Burnout – A Pearson Solution Joel Schroeder
all levels	all levels	all levels	all levels	high school

Lunch
12:00-12:45

STOM Awards Ceremony and Keynote Session
12:50-1:50

The Joy of Teaching Science: Simple Strategies to Be More Joyful in Your Job

Dr. Jesse Wilcox, NSTA Director of Professional Learning and UNI Professor
brought to you by Savvas Learning Company

Concurrent Sessions
2:00-2:50

Unlocking the Joy of STEM for Students with Learning Differences and Neurodiversity Greg Trieste <i>brought to you by Amplify</i>		Using Complex Informational Texts, Generative AI, and Computer-Assisted Simulations to Strengthen Diverse Learners' Understanding of Heat Stress in a Changing Climate William Folk, Dr. John Lannin, and Dr. Delinda Van Garderen-Andersen	Using Micro:bits and ArcGIS to Explore Heat Islands and Design Green Infrastructure Allison Antink-Meyer, Matthew Aldeman, Jeritt Williams, and Jin Jo	Are All Bacteria in Food Harmful? Erin Snelling
all levels		middle/high school	high school	high school

Keynote Session and Closing
3:00-3:50

AI Meets Science: The Remix

Dr. Christine Royce, Past NSTA President and Professor at Shippensburg University