

10:00 A.M. TO 1:00 P.M.

Registration Check In
LEVEL M1

Tuesday MAY 21

1:00
TO
2:30

Conference Opening Session

ZLOTNIK BALLROOM

2:45
TO
3:45

104

Elevating the Profession: Unveiling the Sixth 'E' in Preservice Teacher Education

107

What Is UTeach?

108

The Impact of UTeach-Trained K-12 Teachers on Developmental Math Classes at the University Level

115

Connecting Content Challenges Through Engineering Design

116

Understanding and Building STEM Identity

ZB 1

Innovations in Remote Student Support: The Power of XR Tutoring

ZB 2

Course Overview: Classroom Interactions

4:00
TO
5:00

A Watershed Event (AWE): 3D Teaching Ecosystems Curriculum for Secondary Biology or Environmental Science

Sustaining UTeach Alabama

Using Coached Rehearsal to Transform Student Performance in UTeach Field Courses

Exploring Preservice Teachers' Development of STEM Teaching Philosophies

Course Overview: Step 1 and Step 2

Energizing STEM Instruction: AI Innovation in Blended Learning Classrooms

Coding and STEM: Where Fun and Learning Collide

5:30
TO
7:30

Reception and Poster Session

ZLOTNIK BALLROOM

Wednesday MAY 22

7:00 A.M. TO 11:00 A.M.

Registration Check In
LEVEL M1

7:45 A.M. TO 8:45 A.M.

Breakfast
TEJAS DINING ROOM
LEVEL M2

Closed breakfast for students is in ZB 1.

Closed breakfast for Master Teachers is in ZB 5.

11:45 A.M. TO 1:00 P.M.

Lunch
TEJAS DINING ROOM
LEVEL M2

3:15 P.M TO 4:00 P.M.

Exhibitors and Snacks
OUTSIDE THE
ZLOTNIK BALLROOM

5:30 P.M. TO 8:00 P.M.

Alumni Mixer
MOODY'S KITCHEN AND BAR
2530 GUADALUPE STREET

	104	107	108	115	116	ZB 1	ZB 2	ZB 5	ZB 6
9:30 TO 10:30	Affinity Spaces as Critical Professional Development to Support Student Belonging and Identity Development	We're Doing UTeach . . . Now What?	Classroom Management Through the Lens of Current Culture: An Innovative Approach to Managing Resistant Behaviors	Creating Teacher Leaders in an Upper-Level Functions and Modeling Course	Unveiling Transformations in Impressions on Inquiry-Based Teaching Through Time Capsule Discussions	Coherence and Relevance: Exploring the Role of Phenomena in Access and Equity for Students	Course Overview: Knowing and Learning in Mathematics and Science	Decolonizing and Queering Math Classrooms: Building on the Banks Multicultural Model	
10:45 TO 11:45	Reimagining the UTeach Curriculum for an Alternative Certification Pathway	What We Learned in Year One	Agriculture Education in the NevadaTeach Classroom	Promoting Authentic Mathematical Engagement with Rich Mathematical Tasks and Intentional Pedagogical Actions	Digital Citizen: Using Google Classroom in a Middle School Mathematics Project	Empowering Tomorrow's Innovators: Utilizing Computer Science in STEM Education		Recruitment Roundtable: Work on Recruitment Strategies Together	Course Overview: Research Methods
1:00 TO 2:00	Past the Tipping Point: The Rise of Uncertified Teachers	Preparing Secondary STEM Teachers for High-Needs Settings Using Structured Mentoring	Teaching THROUGH the 5E Model	Mic Check, One, Two: Is This Feedback Working?	The Case of The Murdered Mayor: Solve a Forensic Case Using Multiple Lines of Evidence	AI in Education: Embracing the Present, Shaping the Future	Course Overview: Perspectives on Science and Mathematics	Knowing, Learning, and Ungrading: A Course Policy for Change	Course Overview: Functions and Modeling
2:15 TO 3:15	Tracking UTeach Graduates from Completion to Classroom: A Look at the Schools and Students They Serve	Fundraising Essentials Workshop: Practical Strategies for Success	Building Community and Sense of Belonging to Improve Community College Engagement and Transfer	One Size Fits All? Crafting a University-Specific Recruiting Message	Enhancing Education Through Personalized Learning: Integrating the 5E Model and Blended Learning	How to Create Equitable Lesson Plans Using Generative AI	Breaking Down Certification Barriers with Exam Preparation	Decoding the Puzzle: Exploring the Tower of Hanoi	Frameworks for Integrated Project-Based Instruction in STEM Disciplines
4:00 TO 5:00	UTeach for Texas: Pathways to Teaching for Degree Holders	The Gift of Gratitude: Perspectives on Fundraising in STEM Education	Preparing to Teach for Equity and Justice: The CU Teach Equity Framework	Student Retention in FIUteach: Examining Intersections of Cultural, Teaching, and STEM Identities	Harnessing the Benefits of Video-Enhanced Reflection and Artificial Intelligence	Empowering STEM Educators: Integrating AI Tools for Culturally Responsive Teaching	USEA: Strategizing for Change in STEM Education	Exploring the Mutual Benefits of a Paid K-12 Internship Program	Course Overview: Project-Based Instruction

■ Strengthening Curriculum and Instruction
 ■ Community Building and Support
 ■ Enhancing UTeach
 ■ Research, Inquiries, and Investigations
 ■ Preservice Teacher Topics

7:45 A.M. TO 8:45 A.M.

Breakfast

TEJAS DINING ROOM, LEVEL M2

Closed breakfast for Alabama programs is in ZB 1.

Closed breakfast for Texas programs is in ZB 5.

11:45 A.M. TO 1:00 P.M.

Lunch

TEJAS DINING ROOM
LEVEL M2

12:00 P.M. TO 2:00 P.M.

USEA BOARD MEETING

ZB 5

Thursday MAY 23

9:15 TO 10:30	Conference Closing Keynote ZLOTNIK BALLROOM					
	104	107	108	115	116	ZB 1
10:45 TO 11:45	Explorations in UTeach: Step1, Step 2, and Combo	From the Ground Up: Recruitment in Year One and Beyond	Navigating the New Texas Teacher Preparation Requirements	Student Discovery of Diversity and Inclusion in STEM Fields	Co-Director Meeting [Closed Session]	
1:00 TO 2:00	Implementing a Yearlong Residency Model in Your Secondary STEM Teacher Preparation Program	Creative Ways to Increase Computer Science Teacher Certification	Educational Fusion: CS Teaching Adventures with ChatGPT	Recruiting High School Students into UTeach: Partnering with Career and Technical Programs	Course Overview: Apprentice Teaching	