UTeach Conference Sessions
TUESDAY, MAY 22, 2018

10:00am–1:00pm  REGISTRATION CHECK IN — LEVEL M2

1:00–2:30pm  OPENING PLENARY — FUN WITH CHEMISTRY: INSIDE (AND OUTSIDE) THE CLASSROOM  Ballroom – LEVEL M3

2:45–5:00pm  BREAKOUT SESSIONS AND WORKSHOPS

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<tr>
<td>2:45–3:45pm</td>
<td>Research and Innovation in STEM Preservice Teacher Preparation: Extending the AAAS/NSF Noyce Regional Dialogue</td>
<td>UTeach Course Overview: Perspectives on Science and Mathematics</td>
<td>UTeach Co-Directors Special Interest Group</td>
<td>The High School Research Initiative: Teaching Research Methods in High Schools (and It’s Working!)</td>
<td>A Homemade 3D Printer Project and the Unforeseen Impact on Underserved STEM Students</td>
<td>Fostering a STEM Ecosystem Through Community Involvement</td>
<td>Functions and Modeling: Developing Candidates’ Attentiveness and Qualitative Reasoning</td>
<td>What Is UTeach?</td>
<td>Using Goal-Free Problem Solving as an Effective Inquiry-Based Approach with Struggling Learners</td>
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<td>4:00–5:00pm</td>
<td>teachHouston Courses: A Model for UTeach Programs</td>
<td>UTeach Course Overview: Apprenticeship Teaching</td>
<td>You’re a Teacher! Now What?</td>
<td>Bridging the Gap Between Theory and Practice with Teacher Assistantships</td>
<td>Fundraising for Your UTeach Program</td>
<td>Lesson Planning in Perspectives on Science and Math: Exploring Resources for Students and Instructors</td>
<td>UTeach Instructional Program Overview</td>
<td>Hi There, Neighbor! Digital Media Resources for Pre-Service and Novice Teachers from PBS</td>
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5:15–7:15pm  WELCOME RECEPTION & POSTER SESSION  Ballroom – LEVEL M3

7:15–10:00pm  STUDENT SOCIAL ACTIVITY  Meet in lobby by registration desk – LEVEL M2

About UTeach and UTeach Replication  UTeach Program Sustainability  Student Recruitment, Retention, and Support  STEM Education Research and Policy  UTeach Student Topics  Instructional Program and Courses
# UTeach Conference Sessions
## WEDNESDAY MORNING, MAY 23, 2018

### 8:00–8:45am
**BREAKFAST**  
*Ballroom – LEVEL M3*

### 9:00–10:00am AND 10:00–11:00am
**OPEN HOUSE - UTEACH FACILITIES**  
*Meet in lobby by registration desk – LEVEL M2*

### 9:00am–12:30pm
**MORNING SESSIONS: BREAKOUTS AND WORKSHOPS**

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<td><strong>9:00–10:00am</strong></td>
<td>Micromessaging as a Vehicle for Equity Education—with Special Application to Rural Classrooms</td>
<td>Maximize Your Growth: Developing Strategies for Targeted and Adaptive Recruitment</td>
<td>Implementing Thinking Strategies to Shift from Teacher to Student-Centered Classrooms in Apprentice Teaching</td>
<td>Research on UTeach: Past, Present, and Future Research Collaborative Opportunities</td>
<td>Shared Master Teacher Model</td>
<td>10 Ideas to Make Your Step 1 Life Easier</td>
<td>Development Special Interest Group: Researching and Writing Grants</td>
<td>Building A Positive Classroom Community (part 1 of 2): How to Create Cooperative Kids</td>
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<td><strong>10:15–11:15am</strong></td>
<td>Bridging the Divide Between STEM Teacher Production and Local District Needs</td>
<td>Using Making to Promote Inquiry in Mathematics</td>
<td>UTeach Course Overview: Classroom Interactions</td>
<td>Stepping into Computer Science Teacher Preparation—Pre-Service, In-Service, and Infusing CS into Science and Mathematics</td>
<td>UTeach STEM Educators Association (USEA)</td>
<td>Help Us “Get the Facts Out” to Recruit More Teachers</td>
<td>Designing for a Productive Discourse Around a Cognitively Demanding Task</td>
<td>Implementing UTeach</td>
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<td><strong>11:30am–12:30pm</strong></td>
<td>Strategies for Encouraging Content-Area Conversations in the Classroom</td>
<td>UTeach Course Overview: Step 1 and Step 2</td>
<td>Integrating Computer Science in the UTeach Curriculum</td>
<td>UTeach Course Overview: Project-Based Instruction</td>
<td>Made You Look! How to Create Graphics to Capture the Attention of Students and Alumni</td>
<td>Is UTeach a Good Investment?</td>
<td>Milk for Cats: Making Lactose-Free Milk</td>
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### UTeach Institute

- Computer Science
- Engineering
- Maker

**Topics:**
- About UTeach and UTeach Replication
- UTeach Program Sustainability
- Student Recruitment, Retention, and Support
- STEM Education Research and Policy
- UTeach Student Topics
- Instructional Program and Courses
## UTeach Conference Sessions
**WEDNESDAY AFTERNOON, MAY 23, 2018**

### 12:30–1:30pm  LUNCH  |  Tejas Dining Room – LEVEL M2

### 1:45–5:15pm  AFTERNOON SESSIONS: BREAKOUTS AND WORKSHOPS

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<td><strong>1:45–2:45pm</strong></td>
<td>UTeach Implementation Panel: Lessons Learned</td>
<td>Avoiding “Hands-On, Minds Off” by Designing Lessons to Address Misconceptions</td>
<td>UTeach Course Overview: Knowing and Learning in Mathematics and Science</td>
<td>Integrating edTPA into UTeach Courses</td>
<td>2 in 1: Teacher Career Interest and Persistence AND UTeach Post-Graduation Outcomes</td>
<td>Publishing With Your UTeach Students</td>
<td>How the UTeach Community Supports Alumni</td>
<td>Supporting Your First 5 Years: Knowles Science Teacher Initiative Fellowship</td>
<td>Protein Necklace: Harnessing the Glow of Jellyfish</td>
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<td><strong>3:00–4:00pm</strong></td>
<td>Supporting New Teachers: Induction Panel</td>
<td>Continuing Courageous Conversations: A Model for Social Justice in Early Fieldwork Courses</td>
<td>Can UTeach Reimagine Alternative Certification Pathways?</td>
<td>2 in 1: Students’ Views of Teaching AND Content Knowledge/Confidence in Teaching</td>
<td>Bridging UTeach, Engineering, and Computer Science</td>
<td>National UTeach Data: Enrollment and Graduate Projections and Targets</td>
<td>UTeach Course Overview: Research Methods</td>
<td>Landing Your First Teaching Position</td>
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<td><strong>4:15–5:15pm</strong></td>
<td>Overcoming the Challenges of UTeach Replication in Rural Settings</td>
<td>Effective Teaching: Embedding Classroom Management, Equity, and High-Yield Instructional Strategies</td>
<td>A Lab School Model to Sustain UTeach Post Grant Funding</td>
<td>2 in 1: Integrating CS into Middle School Math AND Integrating Engineering into Step 1</td>
<td>Framework for Integrated Project-Based Instruction in STEM Disciplines</td>
<td>Developing Future Teachers’ Professional Identities Through Engagement with Mentors</td>
<td>UTeach Course Overview: Functions and Modeling</td>
<td>Roundtable with UTeach Graduates (Restricted to Current UTeach Students)</td>
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### 6:00–8:30pm  DINNER AND KEYNOTE: DREAMWALKER: A STEM JOURNEY!  |  Ballroom – LEVEL M3

- About UTeach and UTeach Replication
- UTeach Program Sustainability
- Student Recruitment, Retention, and Support
- STEM Education Research and Policy
- UTeach Student Topics
- Instructional Program and Courses
# UTeach Conference Sessions

**THURSDAY, MAY 24, 2018**

## 8:00–9:15 am

**BREAKFAST**  
*Tejas Dining Room – LEVEL M2*

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<tr>
<td>8:00am–9:15am (during breakfast)</td>
<td>Florida Replication Sites Meeting (closed)</td>
<td>Maryland/DC Sites Meeting (closed)</td>
<td>Tennessee Replication Sites Meeting (closed)</td>
<td>Texas Replication Sites Meeting (closed)</td>
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<td>9:00am–12:00pm</td>
<td>Master Teacher Retreat</td>
<td>CS Working Group</td>
<td>USEA Board Meeting</td>
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## 12:15 pm–1:30 pm

**LUNCH**  
*Tejas Dining Room – LEVEL M2*

- About UTeach and UTeach Replication
- UTeach Program Sustainability
- Student Recruitment, Retention, and Support
- STEM Education Research and Policy
- UTeach Student Topics
- Instructional Program and Courses