

AERA 2017, San Antonio, Texas

## THURSDAY, APRIL 27

4:05-5:35 pm - [Agenda link](#)

**Location:** Grand Hyatt, Second Floor, Lone Star Ballroom Salon B

**Session:** Equitable Pedagogies & Retentionality in Making *Facilitating Making Activities for Low-income and Immigrant Youth: Critical Strategies from Undergraduate STEM Majors*

**Presenters:** Leslie Herrenkohl, University of Washington, Fan Kong, University of Washington

**ITEST Project:** [Creating a STEM Pipeline for Low Income and Immigrant Youth \(STUDIO: Build Our World\)](#)

## FRIDAY, APRIL 28

10:35am-12:05pm – [Agenda link](#)

**Location:** Grand Hyatt San Antonio, Fourth Floor, Crockett C

**Session:** Pedagogical Practices in Urban Settings *Critical Pedagogy of Place: Using Geospatial Technologies and Community Mapping to Promote Civic Identity*

**Presenters:** Victoria Stewart and Beth Schlemper, University of Toledo

**ITEST Project:** [Advancing Geospatial Thinking and Technologies in Grades 9-12: Citizen Mapping, Community Engagement, and Career Preparation in STEM](#)

## SATURDAY, APRIL 29

8:00 am - 5:30 pm - [Agenda link](#)

**Location:** San Antonio Marriott Rivercenter, Third Floor, Grand Ballroom Salon G

**Session:** Society of Professors of Education *Teaching Solidarity: Teaching Immigrant Students in an Anti-Immigration Era*

**Presenters:** Aghasaleh, R. Enderle, P., Puvirajah, A., Hendrix, R., Rickard, J., Boehnlein, A., Bornstein, J., Nelson, N., Pearson, C.

**ITEST Project:** [A Reciprocal Model for Teaching and Learning Computational Competencies: Connecting Pre-Service Teachers and Urban Latino Youth](#)

## SATURDAY, APRIL 29 (cont.)

2:45-4:15 pm – [Agenda link](#)

**Location:** Grand Hyatt, Fourth Floor, Republic B Abstract

**Session:** Inclusive and Culturally Relevant Perspectives on Science Education *Motivational Factors Underlying Rural, Underrepresented Students' Achievement and STEM Perceptions in After-School STEM Clubs*

**Presenters:** Margaret R. Blanchard (NCSU), Kristie S. Gutierrez (NCSU), Kylie J. Hoyle (NCSU), Lauren A. Harper (Leesville High School), Jason L. Painter (NCSU), N. Scott Ragan (NCSU)

**ITEST Project:** [STEM Career Clubs: Enhancing the potential of underrepresented students in STEM careers through a Strategic Teaming Model](#)

## SUNDAY, APRIL 30

8:15-9:45 AM – [Agenda link](#)

**Location:** Henry Gonzalez Convention Ctr, Meeting Room Level, Rpp, 221C

**Session:** Fostering Deep Learning in Problem-Solving Contexts through Effective Design of Learning Environments with Technology Support *Embodiment and Framing: Key Pieces of Deep Learning in One Student Interview*

**Presenters:** Andrea Gomoll, Cindy Hmelo-Silver, Selma Šabanović, Matt Francisco

**ITEST Project:** [Collaborative Research: Human-Centered Robotics Experiences for Exploring Engineering, Computer Science, and Society](#)

2:15-3:45 pm - [Agenda link](#)

**Location:** Henry B. Gonzalez Convention Ctr, Meeting Room Level, Room 208

**ITEST SYMPOSIUM:** Leveraging Technology-Based Learning Environments for Positive Outcomes among Underrepresented Minority Groups in STEM Education

**Presenters:** Gwen Nugent, Neal Grandgenett, Bradley Barker, University of Nebraska ([WearTec](#)) M. Javed Khan, Tuskegee University; Marcia Rossi, Alabama State University; Fan Wu ([The Eyes Say It All](#)) Maggie Renken, Jonathan Cohen, Brendan Calandra, Georgia State University ([AMAYS](#))

## AERA 2017, San Antonio, Texas

### MONDAY, MAY 1

#### 12:25-1:55 pm – [Agenda link](#)

**Location:** Third Floor, Bonham C

**Session:** Social Interaction and Authentic Learning  
Mediated Through Technology

**Teachers' evolving conceptions of 3D scanning and  
printing as authentic STEM practices**

**Presenters:** Pasha Antonenko, Claudia Grant, Bruce  
MacFadden & Sean Moran

**ITEST Project:** [iDigFossils: Engaging K-12 Students in  
Integrated STEM via 3D Digitization, Printing and  
Exploration of Fossils](#)

#### 2:15-3:45 pm - [Agenda link](#)

**Location:** Grand Hyatt San Antonio, Fourth Floor,  
Republic C

**Session:** Teaching STEM and Data Science Both In and  
Out of Schools

**Youth Radio: Student-Driven Data Science Learning**

**Presenter:** Alexander M. Gurn, Rockman et al

**ITEST Project:** [From Data 2 Awesome \(D2A\): Youth  
Learning to be Data Scientists](#)