THURSDAY, APRIL 27

4:05-5:35 pm - Agenda link
Location: Grand Hyatt, Second Floor, Lone Star Ballroom Salon B
Session: Equitable Pedagogies & Retionality in Making Facilities 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
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

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
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