

NSF HSI Conference Awards: Round Two Funding, Updated 03.06.18

Title	1764268 : Stakeholder Perspectives on Challenges and Opportunities for Improving Undergraduate STEM Education at HSIs	1759134 : PROMISE: Providing Resources and Opportunities for Minorities in STEM Education	1764378 (with 1764166 and 1764249): Co-Designing an Engineering Education Research Agenda	1764323 : Dissecting the STEM Education Ecosystem in Hispanic Serving Institutions (HSIs): Regional Insights from Southern California	1759566 : Catalyzing Progress in Undergraduate STEM Education with Insights from Midwestern HSIs	1800200 : URBANO-Increasing Access and Success in Urban STEM Programs	1802552 : Accelerating the Impact of HSI STEM Education and Research on Innovation Ecosystems
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Dates and Website / Agenda	February 27-28, 2018 bit.ly/ConsejosColectivos	March 21-23, 2018 https://txhsic.wordpress.com/2018-consortium/ Agenda	http://eel.utep.edu/HSI/UTEP , March 29-30, 2018; University of Miami , April 26-27, 2018; American Society for Engineering Education annual meeting, Sunday, June 24th ,	April 25-27, 2018	May 3-4, 2018 http://hsi-midwest.org	TBD May/June, 2018	November 8-9, 2018
Location	El Centro College, Dallas TX	Laredo Community College, Laredo TX	El Paso, TX; Miami, FL and Salt Lake City, UT	California State University Fullerton, CA	Northeastern Illinois University, Chicago IL	CUNY City College, NY	University of Puerto Rico-Mayaguez, PR
Audience / Attendees	Non-R1 four-year and two-year institutions	Faculty & administrators from 83 Texas-based public and private colleges, universities, community-based organizations and business entities.	Educators at 2- and 4-year HSIs with engineering programs not well-funded by NSF and within a four-hour radius of each location.	Faculty, staff, students and administrators (n = 80) from regional school districts, 2- and 4-year colleges and universities, community and industrial partners, and local Congressional offices.	Two-year and four-year public and private Hispanic-Serving Institutions (HSIs) in the Midwest.	Faculty and administrators from institutions in the greater New York/New Jersey area, along with representatives from industry and government.	150 research leaders, current and potential entrepreneurs, corporate and industry representatives, university administrators, invited guest speakers, undergraduates.
General conference description	<ol style="list-style-type: none"> 1. Navigating Institutional Change at HSIs 2. Collaborations with Advocacy Groups 3. Funding Opportunities and Barriers 4. External Perspectives on Driving Institutional Change 5. Obstacles to Retention, Recruitment & Career Placement Linked to the Texas Association of Chicanos in Higher Education (TACHE) State Conference	Provide information on external funding opportunities that support faculty, student, and institutional capacity-building at HSIs. The NSF-funded KickStarter project participates via teleconference.	Participants use three educational approaches <ol style="list-style-type: none"> 1. Design Thinking, 2. Intrinsic Motivation, and 3. Students as Empowered Agents to examine their beliefs about their institution, their students, and themselves. 	<ol style="list-style-type: none"> (1) Preparing pre-college students, (2) Transforming the first-year college experience, (3) Smoothing transitions from two- to four-year HSIs, (4) Building coalitions for undergraduate research, (5) Removing academic barriers and (6) Sustaining ecosystems at HSI campuses. 	<ol style="list-style-type: none"> 1) Best practices in STEM pedagogy, and 2) HSI identity with specific focus on transition points and momentum points (academic achievements that tend to propel a student forward). 	Session themes include: <ol style="list-style-type: none"> 1) Academia: the Gap into Preparation, 2) Industry: the Gap into Employment, and 3) Students: the Gap into Performance. Additional themes include Using Social Media to Build Community and Experiential Learning in MakerSpaces. 	Emerging effective strategies for encouraging links between university and industry, with undergraduate involvement.