



# CAHSI

COMPUTING ALLIANCE OF HISPANIC-SERVING INSTITUTIONS

The Computing Alliance of Hispanic-Serving Institutions (CAHSI) is a consortium of universities that are committed to increasing the number of Hispanics who earn baccalaureate and advanced degrees in computing. By fostering a community that shares resources, establishes research and curricular collaborations, and disseminates best practices, CAHSI is developing future Hispanic leaders while addressing the under-representation of Hispanics in computing. CAHSI includes some of the leading producers of Hispanic science and engineering graduates: California State University Dominguez Hills, Florida International University, New Mexico State University, Texas A&M Corpus Christi, the University of Houston Downtown, the University of Puerto Rico Mayaguez, and the University of Texas at El Paso. In addition, CAHSI is working with industry, private-sector partners, and faculty from research institutions who share its goals and support diversity initiatives. The belief is that, by working as a group, the efforts of the CAHSI institutions and partners become more deliberate, focused, and effective.

#### CAHSI project goals are:

- (1) to increase the number of Hispanic students who enter the computing workforce with advanced degrees
- (2) to support the retention and advancement of Hispanic faculty in computing
- (3) to develop and sustain competitive education and research programs at HSIs

The **strategies** to meet these goals are three-fold: promote interventions, promote dialog, and promote social science research.

#### CAHSI interventions include:

- (1) a course designed to attract majors and bolster under-prepared students
- (2) peer-facilitation in the gatekeeper courses to provide an active learning experience and create leadership roles for undergraduates
- (3) undergraduate professional development and research experiences inside and outside the classroom
- (4) workshops to develop cohorts of graduate students and faculty
- (5) on-line resources for students and faculty in support of CAHSI goals

Other efforts include mentoring and collaborations to strengthen education and research programs. The Alliance, thus, supports students at each of the three critical transitions in the academic pipeline: the transition from high school to college, from college to graduate school, and from graduate school to the professoriate. These practices are being shared and deployed across the academic, industry and private-sector partners and with other HSIs.

For more information about the project as it progresses, please visit the project website at

[www.cahsi.org](http://www.cahsi.org) email: [cahsi@utep.edu](mailto:cahsi@utep.edu)

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**RECRUITING. RETAINING. ADVANCING.**  
HISPANICS IN COMPUTING

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