



# COMPUTING ALLIANCE OF HISPANIC-SERVING INSTITUTIONS

[HTTP://CAHSI.ORG](http://CAHSI.ORG)



## CORE PURPOSE

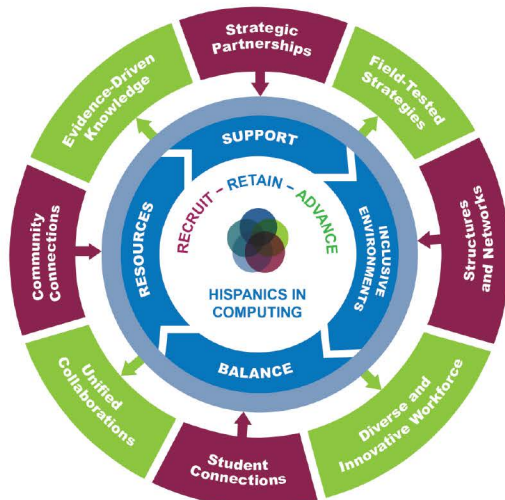
- CAHSI is an inclusive consortium of institutions and individuals committed to creating a unified voice and consolidating their strengths and resources to increase the number of Hispanics who pursue and complete baccalaureate and advanced degrees in computing areas

## GOALS

- Increase the number of Hispanic professionals who enter the computing workforce
- Support Hispanic retention and advancement in computing
- Develop and sustain competitive education and research programs at HSIs

## STRATEGIES

- Promote dialogue: Establish collaborations for sharing resources and promoting opportunities
- Endorse a social science network: Conduct and share social science research
- Deploy field-test strategies: Implement proven initiatives that support student success



Structure of CAHSI's ecosystem.

## CAHSI'S ECOSYSTEM MODEL

The center of the ecosystem is CAHSI's long-standing core purpose. The key elements that sustain the ecosystem are shown in the blue inner circle: student support structures, faculty and student resources, balance through engagement of diverse sectors, and creation of inclusive environments. The contributing forces that are needed to feed and sustain the health and growth of the ecosystem are shown in the outer circle with the arrows going into the ecosystem. The arrows from the ecosystem to the outer circle represent CAHSI outcomes.

## CONTACT

Ann Q. Gates, Principal Investigator  
cahsi@utep.edu

Join CAHSI's efforts to recruit, retain, and advance Hispanics in computing!



## CHARTER MEMBERS

California State University, Dominguez Hills  
Mohsen Beheshti (mbeheshti@csudh.edu)  
Florida International University  
Malek Adjouadi (adjouadi@fiu.edu)  
New Mexico State University  
Enrico Pontelli (epontell@cs.nmsu.edu)  
Northeastern Illinois University  
Marcelo Sztainberg (M-sztainberg@neiu.edu)  
Graciela Perera (G-Perera@neiu.edu)  
Texas A&M University, Corpus Christi  
Ahmed Mahdy (Ahmed.Mahdy@tamucc.edu)  
University of Houston, Downtown  
Dvijesh Shastri (shastrid@uhd.edu)  
University of Puerto Rico, Mayaguez  
Nestor Rodriguez (nestor@ece.uprm.edu)  
Nayda Santiago  
(nayda.santiago@ece.uprm.edu)  
University of Texas at El Paso  
Ann Q. Gates, Lead (agates@utep.edu)

## ASSOCIATE MEMBERS

California State University, San Marcos  
Rocio Guillen (rguillen@csusm.edu)  
University of Texas Rio Grande Valley  
Andres Figueroa (afigueroa@cs.panam.edu)

## AFFILIATES

California State University - Fresno  
California State University - Stanislaus  
Doña Ana Community College  
El Paso Community College  
Los Angeles Southwest College  
Merced College  
New Mexico State University - Alamogordo  
University of California - Merced  
University of Puerto Rico - Arecibo  
University of Puerto Rico - Rio Piedras  
University of Puerto Rico - Polytechnic

AccessComputing	CS Collaborative Project
CMD-IT	Excelencia in Education
GEM Consortium	Google
Great Minds in STEM	HP Enterprise
Latinas in Computing	MAES
Mentor Net	NCWIT
Prudential	Shinobi Consulting

 Funded by NSF Grants CNS-1042341  
and 1551221

## CAHSI HIGHLIGHTS

CAHSI has mainstreamed mentoring and built structured, academic networks for students that prepare them for success in course work from entry level through graduate school and into the STEM workforce. CAHSI's efforts have resulted in student success and the human infrastructure to support its initiatives by training faculty in effective practices.

CAHSI's baccalaureate graduation rates have consistently surpassed the national graduation rates, and CAHSI has consistently graduated a high proportion of Hispanic master's degree recipients, in particular those who are women.

CAHSI'S exemplar programs are:

- Affinity Research Groups
- CAHSI Summit
- Fellow-Net
- Fem-Prof
- Mentor-Grad
- Peer-Led Team Learning

CAHSI is included in the White House's catalog for National Bright Spots in Hispanic Education. In addition, CAHSI is named in Excelencia in Education's publication *What Works: Latinos in STEM*.

## HOW TO CONTRIBUTE

Join MentorNet  
Provide student financial support  
Contribute effective practices  
Collaborate on research projects

