



# Establishing Meaningful Collaborations with HSIIs

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Broader Impacts For Research and Discovery Summit

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# Goals: Computing Alliance of Hispanic-Serving Institutions



- Increase number of students who enter computing workforce with advanced degrees.
- Support retention and advancement of Hispanic students and faculty in computing
- Develop and sustain competitive education and research programs at HSIs.



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# Broader Impact Focus

- Hispanics are the largest, youngest, and fastest growing minority group in the United States
- In 2008-2009, only 5.8% of all Bachelor's degree recipients and 1.4% of Ph.D. recipients in computing were Hispanic—far below equity
- Broader Impact Category: Broadening Participation of Underrepresented Groups



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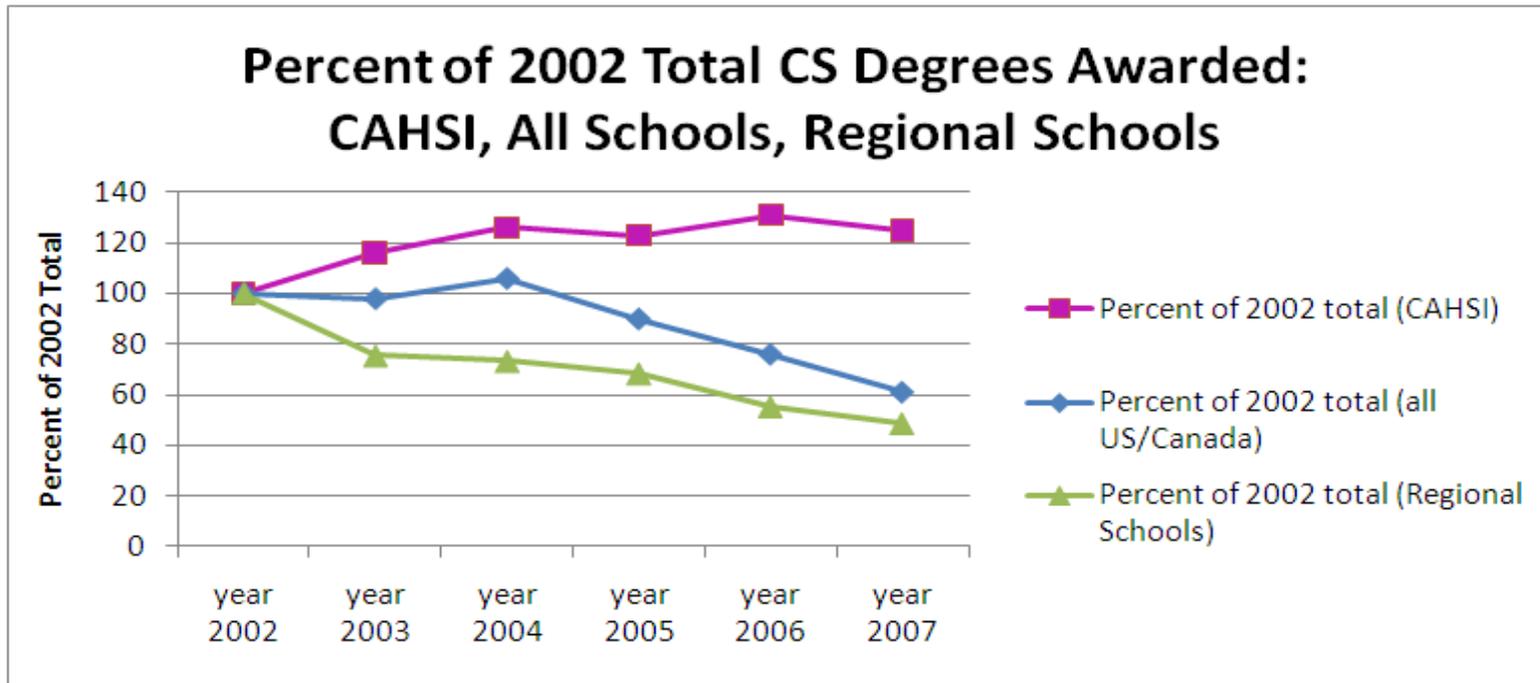


# My Broader Impact Activities

- Strategies
  - Engage a broader community to impact change
  - Endorse a social science network to understand the issues and interventions related to underrepresentation
  - Deploy field-tested Strategies
- Example activities:
  - CS0: pre-CS course that engages and prepares students for CS
  - Peer-Led Team learning: active learning technique to engage students
  - Affinity Research Groups: deliberate development of skills to engage broader range of students and prepare them for success
  - Mentor-Grad: prepare students for graduate students and professoriate



# My Broader Impact Activities





# Connections

- Involve students at institutions outside of CAHSI
- Collaborate with Latinas in Computing, SACNAS, and SHPE to ensure that Hispanic students have role models and mentors
- Offer workshops in partnership with GEM Consortium and Hispanic Scholarship Fund to disseminate funding opportunities and
- Offer training of effective practices beyond CAHSI institutions



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# Broader Impact Activities help ...

- Extend the impact of the proposed work through collaborations
- Provide opportunities to involve individuals outside of those funded through the proposed work
- Disseminate the results of the proposed efforts to other groups





# A GOOD Activity ...

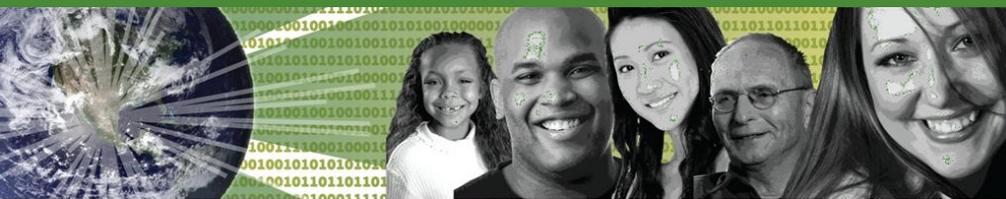
- Clearly defines and describes how the effort will be realized
- Allocates funds to conduct the activity
- Has agreement and commitment from all involved





# Join Us!

- Define research collaborations with faculty and students from HSIs
- Present a talk through the CAHSI Lecture Series
- Contribute to CAHSI workshops
- Volunteer as a reviewer through PaperNet—CAHSI 's online review system
- Contribute to or adopt CAHSI effective practices for retention, recruitment, and advancement of Hispanics



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# My Advice

- Define broader impacts that align well with your research and education goals
- Meet your collaborators to ensure there's a good match—what are the benefits for you and for the collaborator?
- Make it real: create an MOU that outlines the collaboration





# Contact Me!

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