

AHETEMS

engineering your future



SHPE Jr. Newsletter

Advancing Hispanic Excellence in Technology, Engineering, Math, and Science

calendar

December

- 6** SAT Test Date (www.collegeboard.com)
- 13** ACT Test Date (www.actstudent.org)
- 20** Submit your college applications on time!

January

- 2** AHETEMS Scholarships Application Period Opens

February

- 2** NASA MUST Scholars Program Application Deadline (HS Seniors) **APPLY NOW!!!**
- 7-28** SHPE Regional Science Bowls (*see the section on the right*)
- 15** Space Camp Application Deadline (Middle School Students)
Encourage your siblings to apply!

April

- 1** AHETEMS Scholarships Application Period Closes
- 15** ACE Mini-Grant Application Deadline

Stay tuned for the \$2,500 AHETEMS Academic & Leadership Award & \$5,000 AHETEMS K-12 Educator of the Year Call for Nominations forthcoming in Spring 2009.

SCIENCE BOWL

The 2009 SHPE Regional Science Bowls are here!!!

The Regional Science Bowl is a fast-paced, action packed, game-show style competition that tests your science and math knowledge, speed, and strategy to defeat the opponent and be named the regional champion. The Regional Science Bowl is part of the U.S. Department of Energy National Science Bowl®.

The regional champion will win an *all-expenses paid* trip to Washington D.C. to compete in the National Science Bowl!!!

Each year, AHETEMS hosts SHPE Regional Science Bowls across the country to especially encourage, challenge and motivate Hispanic middle school and high school students to showcase their talent. To register for the event and for more information to compete, please visit www.ahetems.org for the competition nearest you.

DATE	LVL	LOCATION
Feb 7	MS	El Paso, TX (EPCC)
Feb 7	MS	Los Angeles, CA (CSULA)
Feb 14	HS	Dallas, TX (UT-Arlington)
Feb 14	HS	Las Cruces, NM (NMSU)
Feb 21	HS	Chicago, IL (UIC)
Feb 21	HS	Miami, FL (FIU)
Feb 28	MS	Fresno, CA (CSU-F)
Feb 28	HS	Mayagüez, PR (UPRM)
Mar 7	HS	New York, NY (CCNY)

NASA MUST Scholarships

Motivating Undergraduates in Science and Technology

The NASA-MUST Program offers support to undergraduate students in science, technology, engineering and math (STEM) disciplines.

Hispanic High School Seniors are STRONGLY encouraged to apply!

The program includes an annual scholarship covering ½ of tuition and fees (up to \$10,000) and a paid internship at a NASA facility.

NASA MUST Scholarship application deadline is February 2, 2009.

For Help with the Application and For More Info visit www.ahetems.org



**2009 AHETEMS Pre-College Symposia
Washington D.C.**



Mark your calendars for the next sequel of the largest national conference for college bound Hispanic students – the AHETEMS Pre-College Symposia, taking place **Oct 29 - Nov 1, 2009, in Washington DC.**

The symposia cover topics for high school students, middle school students, and STEM educators. Stay tuned for the Academic & Leadership Award application forthcoming in spring 2009.

**WRAP UP:
2008 AHETEMS
Pre-College Symposia**



AHETEMS concluded another successful AHETEMS Pre-College Symposia, which is the largest national conference for college bound Hispanic students in STEM.


More than 200 middle school students from Phoenix Preparatory Academy and 550 high school students attended the conference in Phoenix from Nov. 13 – 15. In addition, 40 teachers attended the first ever Teacher Program, and gained valuable training, materials and supplies to incorporate into their lesson plans to reach out to underrepresented youth.

A Thank You to our Sponsors: University of Arizona, 3M, Alcoa Foundation, Bill and Melinda Gates Foundation, Caterpillar Foundation, Central Intelligence Agency, Intel Corporation, NASA, U.S. Department of Defense, and U.S. Navy

Mr. Jaime Escalante addresses the SHPE students.

Mr. Jaime Escalante delivered the powerful message of educational success through self-discipline, something called “*ganas*” that we are each equipped with, but don’t all use. He worked basic math problems with a magical twist to simplify the solution; these tricks were the ones he taught his students to help them ace the AP Calculus exams. In his subtle yet solid method, he conveyed the message clearly, and the students, chaperones, educators, staff, and dignitaries applauded him with a standing ovation – as they knew that had just witnessed a lecture from a legendary educational icon.

AHETEMS aims to bring highly acclaimed speakers to the Hispanic youth and educators. Stay tuned for the speaker for Washington DC in 2009.



United States Naval Reserve Officer Training Corps (NROTC) **Scholarships** totaling nearly **\$180,000.00** are available for students interested in almost any degree at almost any university.

Contact AHETEMS for more information.

SHPE JR. PROGRAM

The SHPE Jr. program is more than an after school club for Hispanic students. SHPE Jr. members have access to SHPE events, conferences, competitions, camps, scholarships, internships, and more!

The SHPE Jr. Program is an excellent avenue for college preparation with special information on college admissions, scholarships, community service opportunities, extra-curricular activity credits, and peer/mentor collaboration on all things math and science to help Hispanic students become college bound students.

If your high school does not have a SHPE Jr. chapter, please call the AHETEMS Office.

ACE Mini-Grants for SHPE Jr.

ACE (Advancing Careers in Engineering) encourages K-12 students to engage in STEM activities. Funds are available from AHETEMS to directly support the activities of SHPE Jr. chapters.

All SHPE Jr. chapters are eligible to apply. The mini-grant proposals are due April 15, and must follow the ACE guidelines.

Contact our office for more details.

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