

AHETEMS

engineering your future



SHPE Jr. Newsletter

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

calendar

SEPTEMBER

15

Happy Hispanic Heritage Month!

19

AHETEMS Pre-College Symposia Early Registration Deadline

October

3

AHETEMS Pre-College Symposia Regular Registration Deadline \$100

4

SAT Test Date – *Time to start applying for college!*

15-18

PSAT/NMSQT Test for 9th-11th graders. National Merit Scholars!

25

ACT Test Date

November

1

Early Registration Deadline for SAT Test on December 6th

13-15

AHETEMS Pre-College Symposia in Phoenix Arizona (See next page)

15-18

PSAT/NMSQT Test for 9th-11th graders. National Merit Scholars!

December

6

SAT Test Date

Stand and Deliver

Jaime Escalante

at 2008 AHETEMS Pre-College Symposia

Educator Jaime Escalante was featured in the 1988 movie *Stand and Deliver* for his incredible determination to educate the Hispanic population of East Los Angeles in advanced mathematics. His students consistently passed the Advanced Placement (AP) Calculus AB exam with a 90% passing rate. The Education Testing Service (ETS) believed it was not possible for those Hispanic students to score so highly. ETS even suspected those students, or their teacher, had cheated and asked that they retake the exam. The students scored even better on the second test, thus quieting the critics, and bringing national attention to the success that Mr. Escalante was having teaching at Garfield High School in East L.A.

Come to the 2008 Pre-College Symposia and meet Jaime Escalante – Living Proof that, in fact:

SI SE PUEDE!

College Admissions Strategies / Tips

1. **Timing** – The earlier you apply, the higher the chances of college acceptance. Submit your complete application BEFORE Nov. 1st
2. **Portfolio** – Describe yourself “in paper”
 - *GPA* – shows your dedication to school.
 - *Extracurricular Activities* – show you are a well rounded student
 - *Essay* – describes you as a unique individual. Who you are, where you’re from, and most importantly, where you want to go.
3. **Advice** – seek advice from peers, counselors, SHPE Jr. advisors, and AHETEMS!



The United States is in need of more engineers and scientists. Applying to college to major in **S.T.E.M.** (science, technology, engineering, & math) boosts your consideration for admissions and scholarships.

Academic Excellence & Leadership Award

FALL 2008

The 2008-2009 winners of the prestigious AHETEMS Academic Excellence and Leadership Award are:

María-Liliana Carrillo of Tampa, FL

President, Voz Juvenil Hispana de Tampa SHPE Jr.

Victor Lopez of Houston, TX

Congratulations to María-Liliana and Victor! They will receive a \$2,500 scholarship for college, and an all-expenses paid trip to the 2008 AHETEMS Pre-College Symposia in Phoenix, AZ, from Nov. 13-16, and will be recognized at the ceremony.



2008 AHETEMS Pre-College Symposia



THE UNIVERSITY
OF ARIZONA.
College of Engineering

The AHETEMS Pre-College Symposia provides Hispanic middle school and high school students the opportunity to gain valuable information on the college process.

Students have the opportunity to attend workshops on college choice, financial aid and scholarships, and careers in science and engineering. They also attend a college fair to visit with representatives from colleges and universities, scholarship agencies and test prep organizations.

In addition, students travel and network outside their community, two key elements to becoming a successful Latino/a college student and engineer.

Local Students: 400 local high school students and 200 local middle school students from Phoenix and surrounding areas will be invited to attend the one day program on Friday, Nov. 14.

Non-Local Students: 400 non-local high school students will attend the three-day program starting Thursday, Nov. 13.

The official hotel for the AHETEMS Pre-College Symposia is the **Wyndham Phoenix Hotel**. Hotel accommodations for **non-local high school students and chaperones** are included in the registration costs.

Main Events include:

- *Welcome Reception featuring Mean Green Chemistry Team, U.S. Dept. of Energy Science Bowl, Caterpillar Turntableism*
- *College Fair*
- *Awards Banquet featuring Jaime Escalante*
- *Saturday Program at The University of Arizona*

To register for the 2008 Pre-College Symposia, or for any other questions, please visit www.ahetems.org



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

AHETEMS is proud to announce the recent additions to the national SHPE Jr. network of chapters. The SHPE Jr. program is more than just another afterschool club; being a part of the SHPE *familia*, 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.

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

Recent SHPE Jr. Chapters

Bronx Engineering & Technology Academy (Bronx, NY)
Clackamas H.S. (Clackamas, OR)
Centro Residencial de Oportunidades Educativas de Mayagüez (Mayagüez, PR)
Tolleson Union H.S. (Tolleson, AZ)
Hispanic Youth Voice of Tampa (Tampa, FL)
Highland H.S. (Albuquerque, NM)
Benito Juarez Community Academy (Chicago, IL)
Roosevelt H.S. (Chicago, IL)
Bentonville H.S. (Bentonville, AR)
Academy of Our Lady of Peace (San Diego, CA)

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