

AHETEMS

engineering your future



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FALL 2007

SHPE Jr. Newsletter

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

calendar

SEPTEMBER

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AHETEMS Pre-College Symposia Early Registration Deadline

Log on to www.ahetems.org to register for the Symposia in Philadelphia from November 1-3, 2007

OCTOBER

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Academic Excellence and Leadership Awards HARD DEADLINE

All application materials must be received by the AHETEMS office by October 5.

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AHETEMS Pre-College Symposia Late Registration Deadline

Log on to www.ahetems.org to register for the Symposia in Philadelphia from November 1-3, 2007

NOVEMBER

1-3

Pre-College Symposia at SHPE Conference in Philadelphia

Programs for middle and high school students – details inside



ACT & SAT tips

Don't wait to sign up for the ACT and SAT! Visit these websites for deadlines – some are coming up!

<http://www.actstudent.org/regist/currentdates.html>

<http://www.collegeboard.com/student/testing/sat/calenefees.html>

Other helpful sites for study tips and practice tests...

<http://www.gocollege.com> or
<http://www.kaptest.com/> - Free practice ACT/SAT tests for registered users; registration is free

<http://www.algebra.com/testing/scripts/stmpl> - Free math reasoning exercises for SAT/ACT

Academic Excellence and Leadership Award

Are you a high school senior? Do you plan to attend college in Fall 2008? Do you have at least a 3.0 GPA?

Apply now for the Academic Excellence and Leadership Award to earn a \$2,500 scholarship!

You're eligible if you're a Hispanic high school student

with strong academics, leadership experience and an interest in pursuing a college degree in science, math, engineering or technology.

Students must be nominated by their teacher, club advisor, coach or school counselor.

Applications must be RECEIVED by the AHETEMS

office by Oct. 5, 2007.

Winners will be informed by Oct. 12, 2007 and receive their award during the SHPE Conference. Conference expenses will be covered.

For an application, please email mystip@shpe.org or call 817/272-1116.

SciTech 2020

More than 100 high school sophomores participated in the first SciTech 2020 summer camps this summer at The University of Arizona in Tucson, The University of Colorado in Boulder and California State University in Los Angeles. The camps were made possible by SHPE, HENAAC and IBM. Campers participated in creating gliders and boats, Sudoku scavenger hunts, astronomy experiments, tours of IBM, bowling and other activities. Stay tuned for details on 2008 camps!



Pre-College Symposia

We're going to Philadelphia this fall!



The AHETEMS Pre-College Symposia, held in Philadelphia from November 1-3, offers middle and high school students the chance to explore all aspects of the college experience. From learning about the application process to preparing for move-in day, the Symposia equip students with practical and exciting information.

During the national SHPE Conference, over 800

students will participate in the AHETEMS Pre-College Symposia – many from SHPE Junior Chapters.

The high school Symposia are open to a variety of students. Three hundred students will come from all over the nation to attend the three-day event. Along with these attendees, 600 local high school and middle school students will participate in the programs.

For Hispanics, the need for advancement in STEM is important. Although Hispanics are 15 percent of the work

force, only a small percentage works in STEM.

Along with the workshops, students are able to speak with college representatives, scholarship agencies and test-prep organizations. Speakers give valuable and motivational advice, and hands-on activities bring the lessons to life.

Workshops include topics such as college choice, financial aid, scholarships and careers in science, technology, engineering and math (STEM). As careers in these fields continue to be an increasing need, the symposia actively address the circumstances and opportunities available.

This year, Villanova University in Philadelphia will host the AHETEMS Pre-College Symposia.

To help with the cost of travel for the Symposia, the AHETEMS National Raffle has expanded its rules to allow INDIVIDUAL students to raise personal funds, rather than chapter funds, to attend the Symposia or other similar educational events. Half of the raffle ticket proceeds will still go toward the AHETEMS Scholarship Endowment. The other half may now be designated for the individual student as opposed to the SHPE Jr. Chapter. Note: the SHPE Jr. Chapter may still be designated as the recipient of the proceeds. Time is running out for these raffle tickets, so email mystip@shpe.org, if you are interested!

The early registration deadline is September 21, 2007.

For more information on raffle tickets or the Symposia, visit www.ahetems.org or call (817) 272-1116.

¡Tradúcelo Ahora!

¡Tradúcelo Ahora! is an inventive and free translation tool from IBM.

With many families speaking Spanish as their primary language, ¡Tradúcelo Ahora! translates information from English to Spanish and Spanish to English.

Students, teachers and parents can use ¡Tradúcelo Ahora! to email in their preferred language. The software translates the email, offering a smooth communication process.

Along with emails, ¡Tradúcelo Ahora! translates web sites and can perform Spanish searches on the Internet.

SHPE and AHETEMS have been given the software for educational purposes. Access will be granted to registered SHPE Jr. chapter members, their parents and their teachers.

For more information about IBM's new software, visit www.traduceloahora.org. The page can be viewed in English or Spanish and is easy to navigate.

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SHPE is the source for quality Hispanic engineers and technical talent