

AHETEMS

engineering your future



Winter 2007

SHPE Jr. Newsletter

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

calendar

FEBRUARY

1

All SHPE Jr. Chapters information updates are due to the AHETEMS office.

NASA MUST Scholarship Applications due.

9, 16, & 23

SHPE Regional Science Bowl Competitions (see next page for details)

MARCH

1

Apply now for the November 2008 Pre-College Symposia in Phoenix, AZ. Spots are filling up quickly!

1 & 8

SHPE Regional Science Bowl Competitions

APRIL

1

AHETEMS Scholarship Application Due (application is online - see scholarship information)

15

ACE Mini-Grant Proposal due (see information on next page)

July

1

Nominations due: K-12 Educator of the Year Award and Academic Excellence and Leadership Award (more details in the next issue).

AHETEMS Scholarships

Need money? Check this out!

AHETEMS awards over \$2 MILLION in scholarships annually. Merit-based and need-based scholarships are awarded to graduating high school seniors who demonstrate significant motivation in pursuing a STEM degree at a two-year or four-year higher education institutions. These competitive scholarships are open to U.S. citizens, legal residents, and non-U.S. citizens. **Due date is April 1, 2008.**

Another opportunity is the MUST Scholars Program, which is a highly competitive program in which 100 college and graduating high school students are awarded ½ of their college tuition up to \$10K annually along with a summer internship at a NASA facility in the United States. **Due date is February 1, 2008.**

So how do you apply for these scholarships? Visit the AHETEMS Web site at www.ahetems.org and click on "Scholarships". There are more opportunities each month so look often.

You can't get funding if you don't apply, so act NOW!

SAT / ACT TIPS

Don't wait to sign up for the ACT and SAT!

Visit these websites for deadlines – some are coming up!
Test date March 1st.

<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/st.mpl>



Pre-College Symposia

From November 1-4, 2007, in Philadelphia, over 750 high and middle school students from the Philadelphia area and from across the nation participated in the 2007 AHETEMS Pre-College Symposia.

Students had the opportunity to meet engineers and scientists from universities and corporations around the country. Students received first-hand knowledge about college, scholarships and majors to study. They also participated in experiments and tested their thinking skills.

The 2008 AHETEMS Pre-College Symposia will be held in Phoenix, AZ, from Nov.13-16. For more information, visit www.ahetems.org.



Regional Science Bowl

"I'm the Future, I'm a Scientist"



Every year students from around the world participate in various competitions. Whether it is band, agriculture or UIL, students who compete not only gain a lot more out of learning, they learn about themselves, experience new opportunities, and make new friends.

Each year SHPE and AHETEMS work with universities and SHPE chapters on the National Science Bowl, hosted by the Department of Energy (DOE). The DOE is committed in making math and science fun for students to encourage them to pursue studies and careers in math and science.

The Science Bowl is a Jeopardy-style competition that high school and middle school students participate in throughout the country. A regional coordinator works with teachers to coach student teams to answer questions about science, math, technology, astronomy, etc. in a round-by-round elimination.

The winning team from each region then has the chance to compete with teams from around the country at the National Science Bowl in Washington DC.

The Science Bowl competition brings students together and offers them the opportunity to work with others and gain a more global view of the world outside of their own community. For more information on the SHPE Regional Science Bowls please visit the AHETEMS Web site. For more information on the National Science Bowl, please visit the DOE at <http://www.scied.science.doe.gov/nsb/index.html>

2008 SHPE Regional Science Bowls

Region	Site	Date
6-HS	Chicago, IL	Feb 9
5-HS	Arlington, TX	Feb 16
4-HS	Mayaguez, PR	Feb 16
7-HS	Miami, FL	Feb 23
4-HS	New York, NY	March 1
3-HS	Las Cruces, NM	March 1
5-MS	El Paso, TX	March 8
2-MS	Los Angeles, CA	April 12
1-MS	Fresno, CA	May 3
National HS	Washington, D.C	May 1-6
National MS	Golden, CO	June 19-22



ACE Mini-Grant Program

The AHETEMS Foundation provides mini-grants through the Advancing Careers in Engineering (ACE) Program for SHPE members to conduct pre-college outreach activities in local SHPE communities. SHPE students and professionals are able to serve as role models and mentors to youth, while enhancing their own leadership and academic skills.

Competitive mini-grants are available for **SHPE Jr.**, student and professional chapters to develop innovative pre-college enrichment programs to encourage students to: do better in STEM classes; complete high school; attend a 4-year university; pursue a degree in STEM; and pursue a STEM career after graduation.

This Mini-Grant opportunity is available to SHPE Jr. Chapters to coordinate outreach activities to middle and elementary school students. The application process is simple and will allow students to learn how to apply for ACE when they are in SHPE at their universities.

For more information on ACE Funding and to request a Business Plan contact AHETEMS.

ACE Mini-Grant Proposals are Due April 15

Contact information

AHETEMS, Inc.
The University of Texas at Arlington
416 Yates St.
College of Engineering
Box 19019
Arlington, TX 76019
(817) 272-1116

www.ahetems.org
ahetems@shpe.org