

AHETEMS

engineering your future



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SUMMER 2009

SHPE Jr. Newsletter

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

calendar

JUNE

6

SAT Exam

13

ACT Exam

AUGUST

28

Deadline – AHETEMS Teacher Program Registration

Deadline – AHETEMS Academic Excellence & Leadership Award

Deadline – AHETEMS K-12 Educator of the Year Award

SEPTEMBER

10

Deadline – U.S. Navy Essay Competition

If you applied for an AHETEMS Scholarship or your SHPE Jr. Chapter submitted a grant proposal to our ACE Mini-Grant Program, notifications of selection will be mailed or emailed by August 15, 2009.

Great Reads for Summer

Alright!! Summer is finally here! Time to hit the waves, check out the summer blockbusters, download codes for new PS3, Wii, and Xbox games, hang out at the mall with friends, travel to far off places, apply for a summer job, and/or get ready for college.

But wait!! Something's missing! Ah yes, a BOOK!! While summer time is fun time, don't let your critical thinking loose its edge. Summer is the best time to catch up or jump ahead in your reading. Here are just a few timeless classics and modern novels.

The Catcher in the Rye (J.D. Salinger)

1984 (George Orwell)

The Jungle (Upton Sinclair)

The House on Mango Street (Sandra Cisneros)

Invisible Man (Ralph Ellison)

Pride and Prejudice (Jane Austen)

I Know Why the Caged Bird Sings (Maya Angelou)

Devil in the White City (Erik Larson)

Tracks (Louise Erdrich)

To Kill a Mockingbird (Harper Lee)

In the Time of the Butterflies (Julia Alvarez)

The World is Flat (Thomas Friedman)

Caramelo (Sandra Cisneros)

Bless Me, Ultima (Rodolfo Anaya)

The Iliad & The Odyssey (Homer)

The Red Badge of Courage (Stephen Crane)

The Canterbury Tales (Geoffrey Chaucer)

A Short History of Nearly Everything (Bill Bryson)

SHPE Regional Science Bowls



High School Teams with Bill Valdez, Director Office of Science, Workforce Development for Teachers and Scientists, U.S. Department Energy

From April 30 – May 5, nine teams of middle school and high school students, representing the SHPE Regional Science Bowls, competed at the U.S. Department of Energy National Science Bowl, in Washington DC. Students had the opportunity to visit national monuments and the Smithsonian Museums before competing against the 67 high school teams and 36 middle school teams from across the U.S.

CONGRATULATIONS to Sierra Middle School from Las Cruces, New Mexico, for winning the **2009 Middle School Civility Award** for outstanding sportsmanship. This team demonstrated great camaraderie throughout the academic competition and fuel cell car competition.

ATTENTION!! Rising Seniors – Prepare to apply for the **2009 Academic Excellence and Leadership Award**. The award is a **\$2,500 scholarship** to attend a college of your choice in the U.S. or Puerto Rico. You need to have a minimum 3.0 GPA, demonstrate strong academics, leadership within the Hispanic community and your school, and enroll in a science, engineering, or math field of study in college.

Your complete nomination materials must be **RECEIVED** by **August 28, 2009**.

Winners also receive a round trip to the 2009 AHETEMS Pre-College Symposia in Washington DC from Oct. 29 – Nov. 1, and will be recognized at the banquet.

DO YOU KNOW AN AWESOME SCIENCE OR MATH TEACHER!!

Consider nominating him or her for the **AHETEMS K-12 Educator of the Year**. The teacher has to demonstrate extensive work with Hispanic youth in elementary, middle or high school.

The recipient will be honored with a **\$5,000 Teaching Grant** and complementary registration to attend the 2009 AHETEMS Pre-College Symposia and AHETEMS Teacher Program in Washington DC, from Oct 28 – Nov 1.

SHPE Jr. Membership

ATTENTION ALL STUDENTS !!

AHETEMS wants you to join the largest network of Hispanic pre-college students interested in science, technology, engineering and math!!

You must be a Hispanic student attending an accredited high school in the U.S. or Puerto Rico and hold a minimum 2.5 overall GPA.

What's in it for you?

- Extra consideration on AHETEMS Scholarships
- Invitation to attend AHETEMS Pre-College Symposia
- Access to special summer programs and competitions
- Access to ACT/SAT materials from The Princeton Review
- *SHPE Magazine*
- *SHPE Jr. Newsletter*
- SHPE Jr. Graduation Stole
- Seniors receive a free SHPE membership during their first year as a college student

The yearly cost → Only \$5.00 !! That's All !!

A Chance of a Lifetime!

--- GRADUATING HIGH SCHOOL SENIORS ---

Want a chance to take a ride on the *Blue Angels*, dive deep into the ocean on a nuclear submarine or experience the roar and thunder of jets aboard an aircraft carrier at sea!!!

Then check this out!

AHETEMS in partnership with the U.S. Navy is offering this opportunity to **Hispanic students** who **at the time of application** meet the following requirements:

- Must be 18 years old
- Must be a SHPE member in college
- Must have at least a 3.0 GPA
- Must be pursuing science, engineering, math or technology

What do you have to do? Simple. Write an essay on the topic "*Service to Country as an Engineer.*"

Deadline: Must be mailed or emailed by September 10, 2009.

T-SHIRT DESIGN COMPETITION

AHETEMS invites current SHPE Jr. members to submit a t-shirt design for the 2009 AHETEMS Pre-College Symposia held in Washington DC this fall. The design will be placed on the back side of the t-shirt.

Guidelines: While there is no official theme for the Symposia, the design should keep in mind the intent of the Symposia – *to empower Hispanic students with the knowledge and resources to go to college and pursue careers in science, technology, engineering or math (STEM)*. The design must be drawn with no more than two colors.

Prize: The winner will be recognized with a registration and travel to attend the Symposia.

Deadline: The design must be submitted electronically to ahetems@shpe.org by **11:59 PM EST on Friday, September 18, 2009**, in jpeg format with no less than 300 dpi.

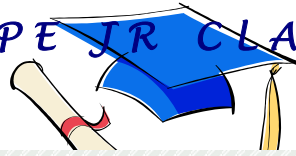
Contact information

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CONGRATULATIONS SHPE JR CLASS OF 2009!!



<p><i>Jessica Barreto</i> Poughkeepsie High School</p> <p>Attending: Siena College</p>	<p><i>Maria Liliانا Carrillo</i> Hillsborough High School</p> <p>Attending: Columbia University Major: Chemical Engineering. Honors: International Baccalaureate Program. National Hispanic Scholar, AHETEMS Academic Excellence and Leadership Award, National, Science, and French Honor Societies, Mu Alpha Theta, Hillsborough County/ Chick-Fil-A Scholar-Athlete, FHSAA Scholar-Athlete, Co-founder and Student Liaison SHPE Jr. Chapter, Founder Director of the Hispanic Youth Voice</p>	<p><i>Camila Elizondo</i> Academy of Our Lady of Peace</p> <p>Attending: Boston College</p>
<p><i>Nancy Figueroa-Santos</i> Poughkeepsie High School</p> <p>Attending: Dutchess Community College</p>	<p><i>Jeffrey Francis</i> Poughkeepsie High School</p> <p>Attending: SUNY Purchase</p>	<p><i>Laura Garcia-Francisco</i> Poughkeepsie High School</p> <p>Attending: Dutchess Community College</p>
<p><i>Jennifer Giraldo</i> Gaither High School</p> <p>Attending: University of South Florida Major: Aerospace Engineering Honors: Presidents Award, Honors Graduate, Student Liaison SHPE Jr. Chapter, Youth in Action Director Hispanic Youth Voice</p>	<p><i>Erika Gomez</i> Poughkeepsie High School</p> <p>Attending: Dutchess Community College</p>	<p><i>Nicole Pérez González</i> Centro Residencial de Oportunidades Educativas de Mayagüez</p> <p>Attending: University of Puerto Rico, Mayagüez Honors: 2009 Excellence Award, President of SHPE Jr. CROEM</p>
<p><i>Vaughn Hardge</i> Poughkeepsie High School</p> <p>Attending: U.S. Navy Honors: Co President, SHPE Jr</p>	<p><i>Ana Rosa Kareh</i> Academy of Our Lady of Peace</p> <p>Attending: University of California Santa Cruz</p>	<p><i>Katrina Kettler</i> Academy of Our Lady of Peace</p> <p>Attending: University of California San Diego Honors: SHPE Jr. Vice-President, SHPE SD/Solar Turbines Scholarship</p>
<p><i>Gerardo Lizama</i> Tolleson Union High School</p> <p>Attending: Devry University Major: Marketing Honors: SHPE Jr Robo Krew Historian, National Honor Society, Golf</p>	<p><i>Frances Cotto López</i> Centro Residencial de Oportunidades Educativas de Mayagüez</p> <p>Attending: University of Puerto Rico, Mayagüez Honors: 2009 Excellence Award, Community Coordinator of SHPE Jr. CROEM</p>	<p><i>Wilfredo Burgos Matos</i> Centro Residencial de Oportunidades Educativas de Mayagüez</p> <p>Attending: University of Puerto Rico, Mayagüez Honors: 2009 Excellence Award, Historian of SHPE Jr. CROEM, President of the Future Medical Society</p>

SEE YOU NEXT FALL !!

<p>Isabella Muller Gaither High School</p> <p>Attending: University of South Florida Honors: President Spanish Honor Society, Honors Graduate, "Excellence in Leadership" by TICH Inc., Co-founder SHPE Jr. Chapter, Co-Director Hispanic Youth Voice</p>	<p>David Munoz Tolleson Union High School</p> <p>Attending: Arizona State University Major: Finance/Engineering Honors: President Chess Club, SHPE Jr. Robo Krew, Wrestling and Track, Scored Top 25% in the nation in the Financial Literacy Exam</p>	<p>Nicolas Prieto Tampa Bay Technical High School</p> <p>Attending: Goshen College Major: Architecture Honors: President Spanish Honor Society, First and Second Place Florida Spanish Conferences, Honors Graduate, Director of Education program Hispanic Youth Voice</p>
<p>Jaime Reyes-Maces Poughkeepsie High School</p> <p>Attending: SUNY Oneonta</p>	<p>Dennis Rivera Poughkeepsie High School</p> <p>Attending: Vassar College</p>	<p>Edgar Rivera Poughkeepsie High School</p> <p>Attending: Vassar College</p>
<p>Karla Rodriguez-Matamoros Poughkeepsie High School</p> <p>Attending: Dutchess Community College</p>	<p>Christina Sosa-Cortez Poughkeepsie High School</p> <p>Attending: Dutchess Community College</p>	<p>Antoinette Thomas Poughkeepsie High School</p> <p>Attending: SUNY Purchase</p>
<p>Maria Vera Quintana Poughkeepsie High School</p> <p>Attending: Dutchess Community College</p>	<p>Daniel Quiroz Alonso High School</p> <p>Attending: Hillsborough Community College Honors: Co-founder SHPE Jr. Chapter</p>	<p>Jasmin Vallejo Tolleson Union High School</p> <p>Attending: Joining Air Force Honors: Mecha Co-Chair, Best Buddies President, Varsity Soccer, SHPE Jr. Robo Krew</p>
	<p>Isaac Ward Poughkeepsie High School</p> <p>Attending: SUNY Albany Honors: President SHPE Jr. Chapter</p>	

Congratulations
Class of 2009 !!