

Society of Hispanic Professional Engineers
August 2011



SHPE Foundation

2011 TEACHER PROGRAM



Information and Registration for Middle School and High School Teachers

SHPE Foundation, Inc.
1444 Duke Street
Alexandria, VA 22314
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Society of Hispanic Professional Engineers Foundation
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2011 SHPE Foundation Teachers Program

OVERVIEW

The **AHETEMS Teacher Program** is a two-day program for middle school and high school science and math teachers, who teach in high Hispanic-populated schools. This exciting event intends to provide teachers with the resources and strategies needed to connect Hispanic students to science and mathematics curriculum in culturally competent and innovative techniques. Workshops regarding “Green” topics will also be given.

Approximately 50 teachers are expected to attend this program. Hands-on workshops and supplementary educational materials have been presented in the past by WGBH-Design Squad, Arizona State University - Mars Education Project, Microchip, Inc. and the University of North Texas Chemistry Department. The materials presented reflect national teaching standards in math and science. The Program provides teachers the opportunity to receive professional development credits. *(Please check with your school district policies in regard to receiving credits).*

VENUE INFORMATION

The Teacher Program will be held on **Thursday and Friday, October 27-28**, in Anaheim, CA at the Hilton Anaheim Hotel. Anaheim is the second largest city in Orange County and is the center of Orange County’s visitor industry, which attracts nearly 45 million people annually.

REGISTRATION FEES & DEADLINES

	Deadline	Cost
Local Teachers (Southern Ca)	September 30, 2011	Free for teachers only (includes materials and meals)

There is **NO on-site registration**. Space is limited to 100 teachers in this program. Applications are accepted on a first-come, first serve basis. Full participation is required each day to receive professional development credit.

TRANSPORTATION & LODGING

No travel arrangements will be provided for the Teacher Program. In addition, hotel accommodations will not be available. Participants must arrange their own travel and hotel as needed.

ADA ACCOMODATIONS

Participants requiring special accommodations for wheelchair access, or impaired hearing or vision should indicate as such on the registration form and contact the AHETEMS office.

REGISTRATION DOCUMENTS & DEADLINE

All applicants must complete and submit the **Teacher Program Registration Form by Friday, September 30, 2011.**

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CONTACT INFORMATION

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Glendale, AZ 85308

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Email: mvdrake@yahoo.com

Web site: www.shpefoundation.org

TENTATIVE AGENDA (Subject to change.)

Friday, October 28, 2011

7:30 a.m. – 8:00 a.m.	Registration
8:00 a.m. – 8:25 a.m.	Welcome
8:30 a.m. – 8:55 a.m.	NASA Endeavor Fellows Program
9:00 a.m. – 9:55 a.m.	Workshop 1: NASA
10:00 a.m. – 10:55 p.m.	Workshop 2: Clean Education - The Carbon Cycle
11:00 a.m. – 11:55 p.m.	Workshop 3: UCI - Go Green
12:00 p.m. – 1:00 p.m.	Lunch
1:10 p.m. – 2:05 p.m.	Workshop 4: NASA Periodic Table and the Solar System
2:10 p.m. – 3:05 p.m.	Workshop 5: UCI - May the Force Be with You
3:10 p.m. – 4:00 p.m.	College Fair
7:00 p.m. – 9:00 p.m.	Symposium Gala Dinner

Saturday, October 29, 2011

9:00 a.m. – 10:50 a.m.	Workshop 6: GLOBE - Build a Roller Coaster
11:00 a.m. – 12:00 p.m.	Lunch
12:15 p.m. – 1:45 p.m.	Workshop 7: GLOBE - Water Monitoring
2:00 p.m. – 4:00 p.m.	SHPE Conference Graduate School and Career Fair

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TEACHER PROGRAM REGISTRATION FORM

(Please Print Legibly or Type)

Teacher Name (First, Last): _____

Teacher's Salutation: Dr. Mr. Mrs. Ms. Sex: Male Female

ADA Accommodations: _____

Special Dietary Needs: _____

School: _____

School Mailing Address: _____

School City, State, Zip: _____

School Phone Number: _____ School Fax Number: _____

Email Address(es): _____

School District: _____

What is the approximate percentage of Hispanic students that your school serves?

< 10% 10% - 24% 25% - 49% 50% - 74% 75% and over

I teach Grade(s): 6 7 8 9 10 11 12

I teach: Special Education ESL Honors AP IB

Please indicate what AP course(s) you teach: _____

I have taught, teach or will teach these MATH classes (Choose ALL That Apply):

General Math Pre-Algebra Algebra Geometry Algebra II
 Trigonometry Pre-Calculus Calculus I Calculus II Statistics
 Other: _____

I have taught, teach or will teach these SCIENCE classes (Choose ALL That Apply):

General Science Earth/Physical Science Integrated Science/Lab Biology I
 Biology II Chemistry I Chemistry II Physics (not phys. sci.)
 Physiology Intro Computer Science Computer Programming
 Other: _____

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List other STEM-related extracurricular activities that you have engaged in:

List other STEM-related extracurricular activities that your students have engaged in:

Before today, how many SHPE Foundations activities have you attended? _____

I am a (Choose ALL That Apply):

- | | | | |
|---|---|--|---------------------------------------|
| <input type="checkbox"/> Central/South American | <input type="checkbox"/> Cuban | <input type="checkbox"/> Mexican American | <input type="checkbox"/> Puerto Rican |
| <input type="checkbox"/> African American/Black | <input type="checkbox"/> Asian American | <input type="checkbox"/> Native American/American Indian | <input type="checkbox"/> White/Anglo |
| <input type="checkbox"/> Other: _____ | | | |

Please submit registration to be RECEIVED BY Friday, September 30, 2011:

Melissa Drake
c/o 2011 SHPE Teacher Program
18235 N. 75th Dr
Glendale, AZ 85308
or send via email to mvdrake@yahoo.com
or register online at www.shpefoundaton.org
or fax to 602-595-9142
For questions call: 623-910-2034