

**OPENING REMARKS OF THE HONORABLE RUBEN HINOJOSA  
COMMITTEE ON FINANCIAL SERVICES  
SUBCOMMITTEE ON CAPITAL MARKETS  
“AMERICA’S CAPITAL MARKETS: MAINTAINING OUR LEAD IN THE  
21ST CENTURY”  
APRIL 26, 2006**

Chairman Baker and Ranking Member Kanjorski,

I want to express my sincere appreciation for you holding this hearing today.

The United States is currently at a crossroad.

We can either decide to move towards a more responsible, effective form of government than we presently have or we can continue down the road that has led to the rise and fall of great nations.

Today’s hearing is entitled “America’s Capital Markets: Maintaining our lead in the 21<sup>st</sup> Century.” I find it an interesting title since some naysayers contend that we have already lost our lead in the capital markets, or at the least, are sliding down a slippery slope towards such a loss.

I am not going to go into all the ins and outs of arguments that say we are still the lead country in terms of capital markets, the lead economy or the truly sole superpower in the world.

I will leave that to those who will testify here today: 1) Secretary Donald Evans, 2) Mr. Marshall Carter, and 3) the Honorable Newt Gingrich. I look forward to hearing their presentations.

What I am most interested in is ensuring that our markets do remain competitive, and I believe that this requires an intensive and comprehensive investment in our children and their education, particularly in science, math and technology.

To address this situation, I collaborated with the University of Texas-Pan American to develop Hispanic Engineering, Science & Technology (HESTEC) Week. It is a year-round leadership program that emphasizes the importance of science literacy to thousands of Pre-K to college students and teachers.

Through professional development workshops, presentations by world class speakers, competitions and hands-on activities, participants are encouraged to prepare for studies in math, engineering, technology and science.

Mr. Chairman, at this point, I would ask that all of these documents pertaining to HESTEC be included in the record.

The importance of HESTEC has never been greater-statistics show that the United States is falling behind in the numbers of students excelling in the areas of science, math and engineering and these figures are even more alarming among Hispanics and other minority groups.

During HESTEC, we give children and teachers the necessary tools and encourage them to reach for new heights. Students and educators interact with some of our country's top CEO's, engineers, scientists, astronauts and designers. Events like Educator Day, the Hispanic Science Literary Roundtable, Latinas in Science, Engineering and Technology, Robotics Competitions and Community Day allow students and educators the opportunities to meet top role models and learn valuable leadership lessons. In addition, more than \$1.4 million has been raised for student scholarships.

HESTEC is a key ingredient to ensuring that our nation continues its entrepreneurial spirit and that our capital markets remain competitive and world class markets.

Mr. Chairman, I cannot stress enough how important it is for the United States to produce additional scientists and engineers. We need to do so in order to continue to be able to compete with our overseas counterparts, much less to remain a superpower. I would hope that all of those present at today's hearing review information on the HESTEC program at [www.HESTEC.org](http://www.HESTEC.org) and focus increased commitment and dollars on science, math and engineering in the United States.

Mr. Chairman, I yield back the remainder of my time.

# HESTEC 2006

The University of Texas-Pan American

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Schedule of Events

**Monday, Sept. 25, 2006**

## **EDUCATOR DAY**

HESTEC Educator Day is a premier teacher training conference that focuses on improving science and math instruction skills. Attendees pick up valuable continuing education credits as they listen to top education experts and motivational speakers. Educator Day will offer tracks for elementary, middle school and high school teachers and administrators.

## **UTPA SCIENCE SYMPOSIUM**

World class researchers will present their research and encourage students to pursue advanced degrees in the sciences, mathematics, engineering and other technological fields. UTPA students selected by faculty for their research excellence will present in a poster session.

## **CONGRESSIONAL ROUNDTABLE ON SCIENCE LITERACY**

Congressman Rubén Hinojosa (TX-15) brings together members of Congress, corporate and government executives and college administrators to share successful strategies to reach Hispanic students. The proceedings will be recorded and available via webcast to state and federal policy makers, colleges and universities and industry representatives.

## **HISPANIC NATIONAL MEDAL OF SCIENCE- The Álvarez Prize**

HESTEC will unveil the Hispanic National Medal of Science, the Álvarez Prize, in 2006. A prestigious group of scientists will select the top Hispanic scientist or engineer from the nominations and applications received.

**Tuesday, Sept. 26, 2006**

## **STUDENT LEADERSHIP DAY**

More than 1,000 high school students will develop their leadership skills by attending leadership building workshops and motivational seminars. In addition, these students will participate in a science related, hands-on competition within their schools before the winning entry is showcased at UTPA. In previous years, HESTEC has featured solar panel car races, wind generation and robotics competitions.

**Wednesday, Sept. 27, 2006**

## **LATINAS IN SCIENCE, MATH, ENGINEERING AND TECHNOLOGY DAY**

Female high school students with their mothers will hear from prominent women executives and inspirational speakers. The speakers will highlight the important roles women play in these fields, encourage female students' interest in these areas and help mothers to provide encouragement and support to their daughters who choose to pursue careers in science, math and engineering.

**Thursday, Sept. 28, 2006**

## **HESTEC GEOGRAPHY SUMMIT**

Middle school students will participate in hands-on workshops, competitions and listen to inspirational speakers - all activities designed to enlighten students about exciting careers in geography, engineering, science and technology.

**Friday, Sept. 29, 2006**

## **COLLEGE STUDENTS CAREER EXPO**

Corporate and government organizations are invited to reserve exhibit space and meet with students from throughout the state who are seeking internships and career opportunities. Recruiters can receive students resumes in advance and schedule personal meetings.

**Saturday, Sept. 30, 2006**

## **COMMUNITY DAY**

More than 20,000 attend Community Day making this an ideal event for organizations that want to promote their

companies to parents, families, teachers and community members. Interactive exhibits, presentations and tours emphasize the importance of science literacy.

## **HESTEC 2006 KEYNOTE SPEAKERS**

### **Congressional Roundtable on Science Literacy**

Congressman Rubén Hinojosa, Congressman for the 15th District  
Congressman Solomon Ortiz, Congressman for the 27th District  
Congressman Lloyd Doggett, Congressman for the 25th District  
Congressman Henry Cuellar, Congressman for the 28th District  
Congressman Gene Green, Congressman for the 29th District  
Blandina Cárdenas, President, UTPA  
John Hofmeister, President of Shell Oil Company  
Gilbert M. Grosvenor, Chairman, National Geographic Society  
Laura Sanford, President, SBC Foundation  
Sandra E. Ulsh, President of Ford Motor Company Fund  
Marillyn A. Hewson, President and General Manager, Kelly Aviation Center...  
Jeffrey J. Owens, President, Delphi Electronics & Safety  
Raúl Yzaguirre, Former CEO and President of the National Council of La Raza  
Mr. Del Velasquez, Vice President for Federal Government Relations, Verizon

### **Educator Day**

John Hofmeister, President of Shell Oil Company  
Orlando Figueroa, Director, MARS Program, NASA  
Dr. Gerhard L. Salinger, Lead Program Director, National Science Foundation...

### **Superintendents' Summit**

Sandra E. Ulsh, President of Ford Motor Company Fund  
Hector Garza, President, National Council for Community and Education Partnerships  
John Katzman, President, CEO Princeton Review  
Dr. Peter Faletra, Director of Work Force Development of Teachers and Scientists...

### **College of Education Student Symposium**

Dr. J. Michael Ortiz, President, California State Polytechnic University

### **College of Engineering & Science - University Symposium**

Dr. Ivar Giaever, Nobel Prize in Physics 1973  
Dr. John Purcell, Monsanto's Global Lead of Scientific Affairs

### **Ford Student Leadership Day**

Camilo Pardo, Chief Designer, Living Legends Studios, Ford Motor Company  
Mike de Irala, Executive Director, Manufacturing, Powertrain Operations, Ford Motor  
Aaron Acuña, Ford Motor Company  
Frank Flores, Ford Motor Company  
Raul Samardzich, Ford Motor Company  
Danny Ramirez, Ford Motor Company

### **Latinas in Science, Math, Engineering and Technology Day**

Diane Rath, Texas Workforce Commission  
Magda Yrizarry is vice president- Workplace Culture, Diversity and Compliance...  
Romeo Perez, Planning, Business Analysis Manager, ExxonMobil Exploration Company...  
Irene Garcia, Environmental/Regulatory Advisor, ExxonMobil Development Company  
Mayela Quezada, Design Engineer, ExxonMobil Pipeline Company  
Monica Saenz, GIS Mapping & CADD Coordinator, ExxonMobil Pipeline Company  
Captain Kathlene Contres, Commandant DEOMI, U.S. Navy (Moderator)  
Lt. Alexis Miller, U.S. Naval Academy, Admissions  
Danielle Matsumoto, U.S. Naval Academy, Admissions  
Commander Nora Perez, Department Head of Imaging at the Naval School of Health...

Emily Reina, Ford Motor Company  
Sonya Galan, Manager, Finance Leadership Development Texas Instruments (Moderator)  
Alma Martinez Fallon, President, The Society of Women Engineers (SWE), Manager.  
Lorna Muniz Farr, Manager of Hispanic Advertising and Marketing, H-E-B

**HESTEC Geography Summit**

Mark Olson, Plant Biologist  
Sylvia A. Earle, Oceanographer  
Sandra Diaz, Chief Meteorologist, El Paso/Las Cruces FOX affiliate

**Community day**

Cheech Marin, Actor Art Collector  
Vikki Carr, International renowned singer  
Marjorie Agosin, Guest author  
Dr. Steven Schneider, Author

# HESTEC 2005 | *Exhibits*

## **College Students Career Expo**

*Friday, September 30, 2005*

**10 a.m. to 3 p.m.**

Students from UTPA and other universities throughout South Texas will have the opportunity to seek jobs and internships.

## **HESTEC 2005 EXHIBITOR SCHEDULE**

*Thursday, September 29, 2005*

5 p.m. – 11 p.m. Exhibitor Set-up

6 p.m. – 8 p.m. Student/Employer Networking Social

*Friday, September 30, 2005*

7 a.m. – 9 a.m. Exhibitor Set-up continues

10 a.m. – 3 p.m. College Students Career Expo

11:30 – 1:30 p.m. Exhibitor Lunch

## **Exhibition Costs**

### **Corporate**

*Early Registration Discount by July 31, 2005 \$250*

#### **Single Booth Registration \$750**

- 10' X 10' carpeted exhibit space
- One 6 foot-draped table with two chairs
- Company Sign
- Campus wide advertising to students
- Continental Breakfast, lunch and bottled water for two recruiters

#### **Double Booth Registration \$1000**

- 10' X 20' carpeted exhibit space
- Two 6 foot-draped table with four chairs
- Company Sign
- Campus wide advertising to students
- Continental Breakfast, lunch and bottled water for four recruiters

### **Government/Non-Profit Organization**

*Early Registration Discount by July 31, 2005 \$150*

#### **Single Booth Registration \$500**

- 10' X 10' carpeted exhibit space
- One 6 foot-draped table with two chairs
- Company Sign
- Campus wide advertising to students
- Continental Breakfast, lunch and bottled water for two recruiters

**All Participating Companies will have:**

- A booth at Community Day
- Tickets to Student/Employer Networking Social
- VIP tickets for Latinas Day Luncheon
- Program advertisement as HESTEC Exhibitor
- Access to conference area for interviews

All booths will have a basic 10 amp/120 volt electrical outlet at the Career Expo and Community Day.

\*Additional Company recruiter will be charged \$25.

### **COLLEGE STUDENTS CAREER EXPO CONTACT**

Melissa De la Garza and Susie Chapa

956-381-2243

[career\\_place@utpa.edu](mailto:career_place@utpa.edu)

## **Community Day at UTPA**

*Saturday, October 1, 2005*

*4 p.m. to 9 p.m.*

More than 20,000 students, families and community members are expected to attend Community Day. The fun, family event will feature tours, presentations and entertainment.

### **Exhibitor Schedule**

7 a.m. – 2 p.m. Exhibitor Set-up (Community Day)

4 p.m. – 9 p.m. Community Day at UTPA

9 p.m. Exhibit Tear-down

### **Exhibitor Costs**

Corporate \$500

Government/Non-profit Organization \$250

### **Exhibitor Packet**

- One exterior 10'x10' pipe and draped exhibit space with one 6' table, two chairs and a basic
- 10 amp/120 volt electrical outlet
- Program Advertisement as HESTEC Exhibitor
- Exhibitors invited to display information that will contribute to the learning experiences of students, their families and the community. In addition to science,

math and technology, suggested areas include diet and health, financial wellbeing, literacy and educational resources.

**Community Day Exhibitor Contact:**

Jessica Salinas

956-292-7547

# HESTEC 2005 | *Highlights*

## **Overview**

The world is in a race for tomorrow, and many of our children are being left behind. Although America is the strongest nation on earth, we seem to lack the national commitment essential to ensuring our country's future as a world technology leader.

Such is dramatically demonstrated among Hispanics, the largest minority in the United States. Few Hispanic students go on to college, even fewer graduate, and only a tiny percentage receive degrees in math, science or engineering. Why? Because we failed to give them the tools or the inspiration to do the job.

## **The world is in a race for tomorrow**

Forty years ago, American astronauts were first to walk to the moon. Today, we're in a new global race, and HESTEC, a year-round leadership program, pioneered by The University of Texas-Pan American and Congressman Rubén Hinojosa, encourages Hispanic students to help build a path to participation in a more technologically advanced future, by boosting college enrollment numbers, increasing graduation rates, and opening the doors for the scientists, engineers, and mathematicians of tomorrow.

**The future begins at HESTEC!**

# HESTEC 2005 | *Overview*

## JOIN US AT HESTEC 2005

Developed by Congressman Rubén Hinojosa and the University of Texas-Pan American, Hispanic Engineering, Science & Technology (HESTEC) Week is a year-round leadership program that emphasizes the importance of science literacy to thousands of pre-k to college students and teachers. Through professional development workshops, presentations by world class speakers, competitions and hands-on activities, participants are encouraged to prepare for studies in math, engineering, technology and science.

The importance of HESTEC has never been greater-statistics show that the United States is falling behind in the numbers of students excelling in the areas of science, math and engineering and these figures are even more alarming among Hispanics and other minority groups.

A high percentage of Hispanic school-age children come from low-income families, and statistics show students in low-income households are twice as likely as their high-income classmates to score below basic achievement levels. As a result, few Hispanic students go on to college, much less graduate, and only a tiny percentage end up with a degree in math, science or engineering. The numbers seem daunting, but partnerships like those forged at HESTEC between schools, government agencies and corporate America, are the key to a better future.

During HESTEC, we give children and teachers the necessary tools and encourage them to reach for new heights. Students and educators interact with some of our country's top CEO's, engineers, scientists, astronauts and designers. Events like Educator Day, the Hispanic Science Literary Roundtable, Latinas in Science, Engineering and Technology, Robotics Competitions and Community Day allow students and educators the opportunities to meet top role models and learn valuable leadership lessons. In addition, more than \$1.4 million has been raised for student scholarships.

Join us at HESTEC 2005 and help our children and educators

***Reach Heights Never Reached Before!***