



The Flying SHPE

The Society of Hispanic Professional Engineers at Lockheed Martin

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De la Oficina del Presidente



Dear SHPE Familia,

Your local SHPE chapter continues to remain strong and very active with lots of planned upcoming activities for you to get involved in and help make a difference in changing lives. Highlighting some of our events from the past month. We had a long lunch at Sushi Axiom on August 26, a joint game night at the President's house shared with the SHPE DFW chapter, and an International Food Night social on September 16 at Gus Villanueva's house. Thank you, Gus, for your willingness to host this event! These activities serve as excellent opportunities to bring everyone together and improve chapter development. Within the professional development area, we hosted a tour of the LM SimSIL labs on September 14. The event included a tour of the F-35 Vehicle Systems Integration Facility and an opportunity to fly the F-35 flight control handling qualities simulator. The Region V Leadership Retreat was held on September 17 hosted by our

new Region V Vice-President - Karen Siles. This provided an opportunity for the region to layout the regional goals and strategic plan. At the retreat, our chapter won a regional award for the largest professional chapter membership from July 1 through September 16 at 49 members. Within the community outreach area, we have lots of activities starting up; giving you the chance to get involved. Our LegoLab mentoring program with Leonard Middle School and J.P. Elder held its first kickoff meeting September 20. Our Trinity HS mentoring program began on September 13 and meets once or twice a month. Your Community Outreach directors submitted a project proposal to SHPE National to organize a Noches de Ciencias program at an area high school. Noches de Ciencias is a bilingual parent college prep workshop and science night involving two student engineering activities designed to increase the awareness of STEM to Hispanic students and distribute information to the parents on how to prepare for sending their child off to college. The CO Directors also met with a local high school on September 15 to discuss the opportunity of initiating a SHPE Jr. chapter. We are currently working to organize a LM factory tour with the North Texas SHPE student chapters. The tour will include an overview of LM and the F-35 program, a tour of the SimSIL lab and F-35 production line. The SHPE tour is planned for October 1. We will be looking for volunteer security escorts and scooter drivers to help conduct the tour. We are also working with the North Texas SHPE chapters to organize a SHPE Conference Prep Boot Camp. The purpose of the boot camp is to help prepare the UTA, UNT, UTD, and SMU students on how to interview at the upcoming SHPE conference career fair. This event will be held on October 8 at the UTA campus. We will be looking for volunteers to assist in reviewing student resumes and acting as a college recruiter in mock interview sessions.

Time is running out to register for the SHPE National Conference in Anaheim, CA on October 26-29. The last chance to register is October 1. Don't miss out on the experience of a lifetime. This four-day conference is the largest national Hispanic conference of its kind filled with networking opportunities, professional development workshops, technical competitions, a career fair, and many hands-on challenges. To sign-up please register through the OneSHPE website. SHPE National is also looking for volunteers to help coordinate the activities. If you're interested, you can sign-up through the SHPE Conference 2011 website. Volunteers will be eligible to enter in a raffle for \$1,000 in gift certificates and 1 paid airline ticket to anywhere in the U.S. and Puerto Rico. Please contact your V.P. of Professional Development, Karla Roviroso, for more details on how to sign-up or register for the conference.

Continue to check the newsletter, and our Facebook page for more news on exciting upcoming professional development and social events during the month of October. This includes a future social hour, long lunch, Halloween/Fall Festival, VIP tours, and more details on the book club. There will also be ample opportunities to help make a difference in the community through our high/middle school student mentoring program, Noches de Ciencias, Factory Tours, SHPE Jr. chapter, and SHPE college relation activities. Hope to see you at one of our future events!

Gracias,
James Narey
SHPE at LM Aero

Pablo Trejo - Un Triunfador

Pablo Trejo, former SHPE at LM Aero Chapter President was highlighted in last month's La Estrella magazine as part of Hispanic Heritage Month. The article is very compelling and is a must read. Please take the time to read about Pablo's Story: Un Triunfador. <http://www.diariolaestrella.com/2011/09/16/118892/herencia-hispana-un-triunfador.html>

Connect & Engage Week

As you may know, Connect & Engage is the week of October 17. SHPE will have a booth set up on Tuesday, October 18 in the building 500 atrium from 11 a.m. to 1 p.m. and on Wednesday, October 19 in the building 200 courtyard. Please stop by and show your support!

If you're interested in helping to spread the word about SHPE, contact Natasha Trillo at natasha.c.trillo@lmco.com.

SHPE Conference 2011 - Anaheim, CA

In preparation for the SHPE National Conference at the end of October, all the local DFW area SHPE chapters will meet to ready students and professionals. This includes the two professional chapters, DFW and Lockheed Martin, as well as the student chapters - UTA, SMU, UTD, and UNT. The event will entail an overview of the conference and what it provides, resume reviews, and mock interviews.

Your participation is two-fold. One, you will learn the benefits of the SHPE Conference and what you can gain from it as well as networking with local area SHPE members. Two, you can help the students prepare for what is likely their first career fair by reviewing resumes and doing mock interviews. Professionals and students will be paired by field of study, and a list of interview questions will be provided as a point of reference for the interviewer.

WHERE: UT-Arlington campus

WHEN: Saturday, Oct. 8 from 10am - 1pm

Email events@shpe-dfw.org to participate and volunteer



Youth Symposium at UT-Dallas



DFW AACC is one of the organizations that Lockheed has sponsored. They are especially in need of mentors with Aero Engineering, Computer Science, Finance and Operations skills. This is a great opportunity to support young professionals by offering your mentoring skills. Follow this [link](#) for information on the DFW AACC Youth Symposium to be held at UTD November 5th. If you are interested or need more information, please let [Sue Kwan](#) know. If you know of anyone interested in participating, please pass this information to them. Thank you for your help SHPE members!

NTX Section AIAA Membership Meeting



The AIAA North Texas Section is excited to host a free dinner presentation at Crowne Plaza Suites in Arlington, TX. Our speaker, Jeff Lowinger of Bell Helicopter, will give a talk titled "Rotorcraft Technology Advancement." This meeting is scheduled for Thursday, October 6, with the social beginning at 6:30 PM at the Crowne Plaza Hotel in Arlington. This is a free event! Also, bring canned goods to participate in a raffle prize in support of the Tarrant Area Food Bank. Please RSVP and contact [Bryan](#) Cepak for any questions.

Membership Renewal

Now is a good time to renew your membership! The SHPE year runs from July to June with Professional membership costing \$45 and Associate membership costing \$35.

A reminder of the benefits membership brings:

- o Graduate school scholarship opportunities
- o Access to top companies looking to hire diverse, technical talent. Several of our members have received jobs at SHPE conferences
- o Discounted registration to SHPE conferences that provide career building and leadership training
- o Networking opportunities with professionals, executives, and principal engineers from across the country

Please contact [Natasha Trillo](#) for any questions.

Region V Positions Available

There are several newly created appointed non-voting director positions available. There are set roles and responsibilities and basically they are responsible for coordinating various events at the sub-region and regional level similar to the Corporate Tours, DFW Student Conference Interview Prep Boot camp, UNT BBQ, and Regional Athletic Tournaments, etc.

- o Community Service Regional Director
- o Professional Development Regional Director
- o Social Regional Director
- o Professional Outreach Regional Director

This would be a great opportunity for SHPE at LM Aero members to gain valuable experience and network at the Regional level. Please let [James](#) know by October 21 if you are interested in a position.

Region V Leadership Retreat



A BIG thank you to Gabe Beard, James Narey, and Michael Gutierrez for attending to the Region V Retreat hosted at UTSA in San Antonio, TX on Saturday September 17. The Professional Chapters that attended were LM AERO, San Antonio and TBAC Professional Chapters, and the student chapters UH, UTSA, UTPA, UTB, UT-Arlington, UT-Austin, Prairie View A&M & TAMU. There was a very good student turn out, with about 65 leaders representing their chapters. The regional goals, budgets, and regional funding requests were reviewed. Also, an academic excellence and team building workshop was held. Above all, great relationships were built and boosted the regional moral to synergize our region and work together towards improving, and growing SHPE!

International Food Night



SHPE International Food Night was coordinated to offer the membership a fun networking event outside of the work environment. Chapter development was established by having the BOD and more experienced members share their SHPE knowledge and experiences with new members. Friends and family of members were also invited to share the experience. There were 25 SHPE professionals in attendance along with 10 non-SHPE guests. This event was a success!! It allowed SHPE members, prospective members, and their family/friends to be able to network with each other in a comfortable, relaxed environment outside of work. Thank you to Gus Villanueva for hosting as well as Thania Balcazar for organizing.

Noche de Ciencias - Volunteers Needed



Noches de Ciencias – Family Science Nights - is a national initiative to have a week of impact during Hispanic Heritage Month to engage the Hispanic community in relaxed environments to have fun with science and engineering and promote college awareness in a bilingual setting. SHPE student and professional chapters across the United States and Puerto Rico engage their local communities with activities for K-12 students and informative bilingual workshops for their parents. The goal of Noches De Ciencias is to broaden the participation of Hispanics along all segments of the science and engineering pathway. The event will be held on October 13, 2011 from 6-9pm at Trinity High School. Please get in touch with [Juan](#) Tezanos or [Gabe](#) Beard if you would like to volunteer.

Agenda:

- 6:00 pm – 6:30 pm Welcome Address
- 6:30 pm – 7:30 pm Student Activity – Bridge Building Competition
- 6:30 pm – 7:30 pm Parent Workshop English – How to obtain Federal Student Aid (FAFSA)
- 6:30 pm – 7:30 pm Parent Workshop Español – Como obtener Ayuda Federal para Estudiantes (FAFSA)
- 7:30 pm – 7:40 pm Intermission
- 7:40 pm – 8:40 pm Student Activity – The Egg Drop Competition
- 7:40 pm – 8:40 pm Parent Workshop English – The Freshmen Year: Understanding the first college year
- 7:40 pm – 8:40 pm Parent Workshop Español – El Primer Año: Entendiendo el primer año universitario
- 8:40 pm – 9:00 pm Closing Address and Evaluations

HOLA Picnic

The Hispanic/Latino Organization for Leadership and Advancement will be hosting a Picnic on October 22, 2011 at Corsair Park (immediately behind the LM MFC Plant). The plan is evolving but there is a floating plan to have a soccer match between Missiles and Fire Control and SHPE if interested and there are enough SHPE participants. The other option out there is a volleyball match to have some fun! Stay tuned for more details to follow or contact [Steven](#) Cortes if interested.

UTA/UNT Factory Visit - Volunteers Needed

SHPE will be hosting UTA and UNT students this Saturday October 1st from 9:00am – 1:30pm. We are in need of volunteers to help escort the students around the facility. Are you interested in volunteering? Please get in touch with [Juan](#) Tezanos or [Gabe](#) Beard if you would like to volunteer.

Time	Activity
9:00am	Guest Arrival Guest Security Check-in Escort Guest From Gate 6 to Aeronautics Visitor Center (AVC) Oval Room
9:15	Welcome
9:30	Keynote Speaker
10:00	F-35 Program Overview
10:30	F-35 Assembly Line Tour
11:15	Tour of F-16 Final Assembly
11:45	Tour F-35 Ground Vibration Test Fixture (Bldg. 7)
12:30	Tour of the F-35 Simulation Labs (VSIF and Motion Base)
1:15	Wrap-up
1:30	Adjourn – Escort back to Gate 6

