



The Flying SHPE

The Society of Hispanic Professional Engineers at Lockheed Martin

September 14, 2012

Volume 3, Issue 3



Important Contacts
[at shpefortworth.org](http://shpefortworth.org)

James Narey

SHPE President
Desk: (817) 777-3591

Thania Balcazar

VP - Professional Development
Desk: (817) 763-7445

Steve Hwang

VP - Community Outreach
Desk: (817) 777-0482

Juan Tezanos

Treasurer
Desk: (817) 655-8943

Marian Ouevedo

Secretary
Desk: (817) 763-6027

Karla Rovirosa

Director, Membership
Desk: (817) 777-6217

Arllyssa Jaquez

Director, SHPE Jr
Desk: (817) 935-5516

Juancarlos Mariano

Director, Community Outreach
Desk: (817) 655-7072

Oswaldo Ramirez

Director, Networking/Events
Desk: (817) 763-7554

Carlos Garcia

Historian
Desk: (817) 763-7924

Gerardo Ramos

Director, Communications
Desk: (817) 763-2029

Alexander Eksir

Executive Advisor
Desk: (817) 777-7880

Tom Bradley

Executive Advisor
Desk: (817) 777-9494

Member Spotlight - Steve Hwang



Steve Hwang holds a Bachelors degree in Electrical Engineering from the University of Texas at Dallas. He is pursuing his Master degree in Systems Engineering from the Southern Methodist University. He joined the Society of Hispanic Professional Engineers as a professional member in 2011 and also a member of the Asian American Association for All. He was a co-founder of UTD Biomedical Engineering Network where he served as Public Relations Liaison.

Steve Hwang is a Joint Strike Fighter Program Quality Engineer. In this capacity, he is responsible for Q&M Success program plans and policies for hardware and services to ensure compliance with overall program requirements. Previously, Steve Hwang was a systems engineer in Global Sustainment System Engineering & Analysis Design Implementation team.

Prior to joining Lockheed Martin Aeronautics, Steve was a systems engineer for Raytheon Integrated Defense Systems Company. He had internship and co-op experiences with Cisco Systems.

Member Spotlight - Ozzy Ramirez



Ozzy holds a Bachelor's Degree in Economics and Finance with a Minor in Personal Finance & Insurance from New Mexico State University. He is one of the newest members with SHPE and new to the DFW Area but was a part of NSHMBBA in New Mexico and looks forward to helping the SHPE Fort Worth Chapter Grow!

Once a native to El Paso, TX, Ozzy was a graduate of Burges High School and was involved in such activities; The Art Club, Pegasus Publication, Wrestling, and AmeriCorps.

He currently works at Lockheed Martin Aeronautics in Fort Worth, TX in Estimating and Pricing as a Proposal Analyst supporting JSF. Besides work you can find him supporting Toastmasters in Fighter's Enterprise, and leading his FTW Kickball Team to Victory Thursday Nights at LMRA!

When the Oz Dawg has some free time, you'll find him riding his motorcycle, reading, volunteering with Catholic Charities, traveling, writing, having dance-offs, visiting various Museums, playing with his niece, playing video games, and practicing his Elite Ninja Training. He is also very fond of various cultures and seeks personal growth by having an open mind to new ideas & experiences.

Noche de Ciencias (Science Night)

Noches de Ciencias – Family Science Nights – is a national initiative from the Society of Hispanic Professional Engineers (SHPE) to engage the Hispanic Community in relaxed environment 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.

Volunteer Date & Time: October 2 from 6-9PM

No. of Volunteers Need: 20 volunteers

Please contact [Steve Hwang](#)

Lego Robotics Lab at Leonard Middle School

The Lego Lab program allows middle school students to experience team work, creativity, participation, programming and engineering in the making. Become an engineering mentor to these kids and help them inspire the passion for engineering, math and science. Adults will be matched with group of students.

No experience with Robots? No problem, you will learn in the process!

Volunteer Date & Time: 2012-2013 School Year, plan to meet bi-weekly (twice a month) from 4:30pm – 6:30pm

No. of Volunteers Need: 6 volunteers

Please contact [Steve Hwang](#)

FIRST Robotics Mentoring Sessions at Trinity High School

This is a great opportunity to engage as well as encourage students to pursue higher education in STEM related fields. FIRST Robotics Team is preparing for another robotics competition and they need your help!!! Come and help mentor these kids! Adults will be matched with group of students.

Volunteer Date & Time: 2012-2013 School Year, meets twice a week from 4:30PM - 5:30PM and Saturday is optional

No. of Volunteers Need: 6 volunteers

Please contact [Steve Hwang](#)



Si Se Puede

LM Aero SHPE will help organize an event where the primary objective is to motivate young mind in pursuing higher education. We will help motivate students to become next generation of engineers and scientist. We seek to achieve this goal by introducing the students to the daily environment of an engineer, by encouraging and motivating students to thing about science and mathematics through the Science Bowl competition, and by demonstrating the final products designed by engineers through the factory production line tour.

Volunteer Date & Time: 2012-2012 School Year, once a month for 2 hours after school

No. of Volunteers Need: 4 volunteers

Please contact [Steve Hwang](#)



New SHPE National Website

SHPE National overhauled the SHPE website. In case you haven't seen it. Check it out. See the link: www.shpe.org.

SHPE LM Aero @ 2nd Annual Back to School Fiesta

The 2nd annual Back to School Fiesta, presented by Hispano Exito held on Saturday, August 18, 2012, at Fort Worth ISD's Wilkerson Greines Activity Center. Fort Worth Mayor Betsy Price delivered opening remarks.

The Fiesta provided a variety of services for students and their families as they prepare for the 2012-2013 school year. Free school supplies were available on a first come-first serve basis.

LM Aero SHPE volunteers were there to encourage kids and help them inspire the passion for engineering, math and science. The Back to School Fiesta was collaboration involving the Fort Worth ISD and Fellowship of the Parks.

Once again, SHPE LM Aero making a difference in our Community!!



HENAAC Conference - Great Minds in STEM

As a title host, Lockheed Martin has been provided a discount code for registrants. The full conference registration fee of \$695 is discounted to \$595 by using our unlimited sponsorship discount code: LCMCORDISC012. Single event registrations are \$100 (there is no discount for this option). The on-line registration deadline is September 21. After that time, \$595 registration will only be available at the GMiS registration desk at the conference.



PartnerSHPE Mentoring Program

PartnerSHPE Goals:

- Provide participants with the guidance to succeed academically and professionally in order to develop them into model students and leaders
- Motivate participants to seek long-term mentor/mentee relationships

Steps:

- Fill out form by Tuesday, **September 18**: <http://aiaantx.wufoo.com/forms/shpe-tamu-mentor-form/>

Events:

- KICKOFF SESSION and SOCIAL @ College Station (October time frame)
- SPRING SESSION and Lockheed Tour @ Lockheed Martin Aeronautics Fort Worth Plant (February/March 2013 time frame)

Mentor Agreement Outline:

- Must contact mentee at least once a month from October through May (phone /video call, e-mail, in person)
- Guide the mentee as needed and provide constructive feedback

Professional Mentor Benefits:

- An experience where your efforts impact an individual's life!!!



SHPE News and Events

Interested in gaining valuable leadership experience? Consider volunteering for a committee seat in the LM Aero SHPE Community Outreach. Please contact [Steve](#) or [Juancarlos](#) for more information.

Have an idea for an article or would like to provide inputs for the SHPE Newsletter, feel free to send [Gerry](#) an e-mail!

Just a gentle reminder to renew your SHPE membership today to start enjoying the many benefits being a member offers! If you would like more information about SHPE membership, please contact [Karla](#).

Interested in IEEE 2012 MetroCon, sign up for course # 088305ILT12. This will allow Training to provide you with a charge number to pay for your labor while attending MetroCon. Looking forward to seeing you at this year's MetroCon on October 11, 2012.

LM Connect and Engage is coming up and SHPE LMAERO will have a table. Come on out, stop by, and learn more about our upcoming events and programs available and how to get involved. Stay tuned for more information and requests for volunteers to go out looking for volunteers to help man the SHPE booth in shifts.

Tuesday 10/2 – Bldg. 500 11am to 1pm

Wednesday 10/3 – Bldg. 200 Courtyard 11am to 1pm

Keep your eyes peeled for details about the next SHPE Game Night to take place on Saturday, September 29!! Game nights are a great opportunity to network with fellow SHPE members and enjoy great company, food, and of course...games!

The Lockheed Martin Hispanic Leadership Council Regional Conference will be held October 28. Be sure to check out next month's Flying SHPE Newsletter for more details to this great event.

UT-Arlington Engineering Saturdays

Join SHPE as we put on an awesome session for UTA's first Engineering Saturday of the year, September 22! We will be helping 1st-4th graders make their own bouncy balls from household stuff, giving them a quick practical lesson in chemistry and conservation of energy and other stuff related to bouncy balls.

There will be 3 sessions: 9am-10:30am, 10:45am-12:15pm, and 1:30pm-3pm.

This is a great opportunity and we are looking for volunteers! Engineering Saturdays is an outreach program to showcase hands-on engineering fun and provide flexibility for a family with different ages to all find interesting things to do.

Please contact [Juancarlos](#) or [Steve](#) if you are interested!



2012 SHPE National Conference

The 2012 SHPE National Conference is almost here! Here is what you need to know:

When: Nov 14-18, 2012

Where: Tarrant County Convention Center - Fort Worth, TX

What: Professional Development Workshops, STAR Awards, Luncheons, Networking events, Corporate Tours, Pre-college Symposia and much more...

Visit the website for more details and registration: <http://conference.shpe.org/shpe2012/index.php>

Early Registration Opens July 1 through Sept 30, 2012

Stay tuned for more details.

Ask your functional managers TODAY about going!!

