

# The Flying SHPE

The Society of Hispanic Professional Engineers at Lockheed Martin  
December 2015 Volume 6, Issue 6

## Call for Volunteers - Noche de Ciencias 2016

On Thursday, January 21<sup>st</sup>, the chapter will be hosting a great volunteer opportunity at North Side High School, one of our three SHPE Jr chapters. Noche de Ciencias, or Family Science Night, is a national initiative from SHPE to engage the Hispanic Community with science and engineering in order to promote college awareness in a bilingual setting. Noche de Ciencias will be hosted at North Side High School, a high Mexican-American student demographic in a low socioeconomic area of Fort Worth. The goal of Noche De Ciencias is to broaden the participation of Hispanics along all segments of the science and engineering pathway.

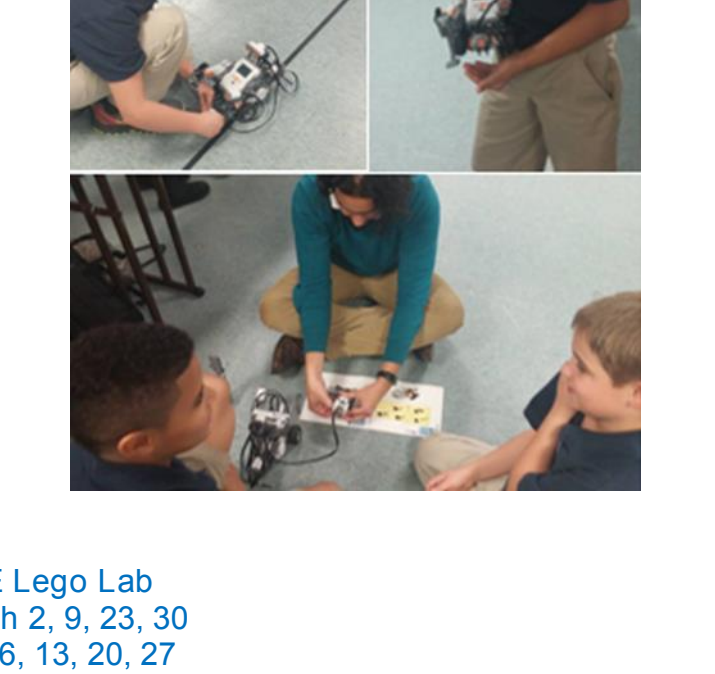


We need volunteers to assist with an engineering related activity, speed mentoring participants where the model enables students to talk to 8-10 different engineers in a short span, public speakers for parent workshops and volunteers willing to peer edit college resumes. Please contact [Samantha Dominguez](#) if you are interested in being a volunteer for any of the event activities.

**What:** Noche De Ciencias  
**When:** Thursday, January 21th  
**Where:** Northside High School - 2211 Mckinlev Ave. Fort Worth, TX 76164  
**Time:** 6:00 pm - 9:00 pm  
**POC:** [Samantha Dominguez](#)

## 2016 SHPE Annual Scholarship Golf Tournament

The Society of Hispanic Professional Engineers (SHPE) at Lockheed Martin Aeronautics invite you to participate in our 5th Annual Scholarship Golf Tournament scheduled for **Friday, March 25th**, at a to be determined local golf course.



Money raised from the event will go towards college for local area graduating high school students seeking to major in the fields of Science, Technology, Engineering, or Mathematics (STEM).

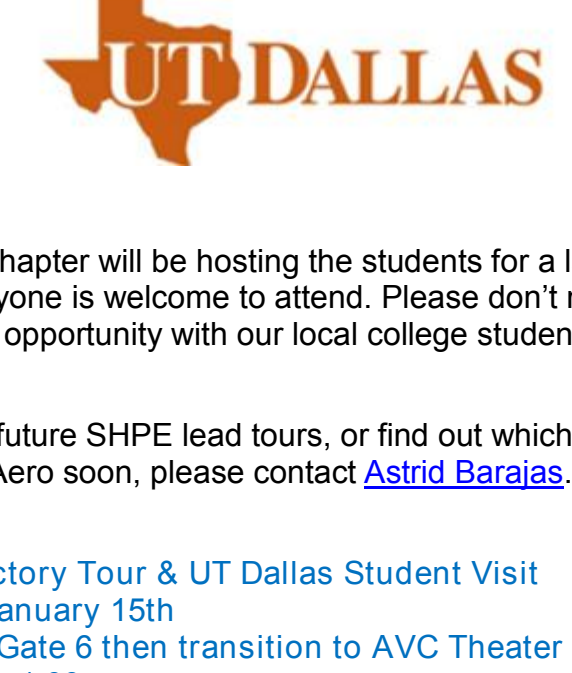
We have raised over \$10,000 in scholarships the last two years --- help us double that achievement and reach our new goal of \$10,000 for 2016!

Please contact [Samantha Dominguez](#) to register a team. Also, please contact [Doug Abernathy](#) to make a donation or become a tournament or hole sponsor.

**What:** 2016 SHPE Annual Scholarship Golf Tournament  
**When:** March 25, 2016  
**Where:** TBD  
**POC:** [Samantha Dominguez](#)

## SHPE Lego Lab

Lego Lab has successfully concluded this semester and will begin next semester on March 2<sup>nd</sup> at High Point Academy. We had around 10 kids that joined us weekly to build and program the Lego NXT robots. There is a different set of kids that will join us next semester and we strongly encourage anyone to help participate. All we need are volunteers to oversee and help them build and program the robots. If interested in being a volunteer, please contact [Joksan Holguin](#).

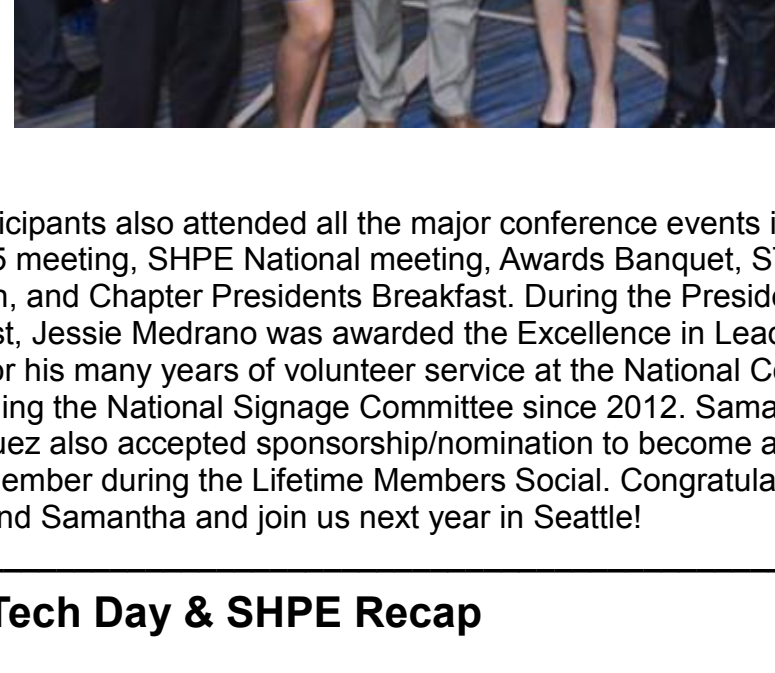


**What:** SHPE Lego Lab  
**When:** March 2, 9, 23, 30  
April 6, 13, 20, 27  
May 4, 11, 18, 25  
**Where:** High Point Academy; 1256 Jim Wright Fwy.  
**Time:** 4:00 pm - 5:30 pm  
**POC:** [Joksan Holguin](#)

## Financial Seminar: Putting Your Retirement Plan to Work

On Friday, January 8<sup>th</sup>, come out for a free, no obligation, financial seminar presented by Edward Jones financial advisor, Bill Swoboda. During this financial seminar, he will explore the benefits of the Lockheed Retirement & Pension plan, the importance of saving for retirement now, how to diversify your investments, and other tax-advantaged options outside of the 401K. Following the presentation, there will be a brief Q&A session. **Lunch will be provided.**

To recommend future guest presenters or to suggest potential future development topics, please contact [Astrid Barajas](#).



**What:** Financial Seminar  
**When:** Friday, January 8th  
**Where:** Aeronautics Vision Center (AVC) Theater Room  
**Time:** 11:00 am - 12:00 pm

## SHPE Factory Tour & UT Dallas Student Visit

On Friday, January 15<sup>th</sup>, the chapter will be hosting an LM Aero visit for UT Dallas students that are part of the university's SHPE chapter. The visit will consist of a Lockheed Martin Corporation presentation, F-35 Program update, aircraft videos, and scooter guided F-35 production line tour. We currently have a limited number of spots available for LM employees to serve as escorts, and also enjoy the guided tour and presentations. If interested in attending, please RSVP with Astrid Barajas by **COB Wednesday January 13<sup>th</sup>**.



Afterwards, the chapter will be hosting the students for a late lunch in the area, which everyone is welcome to attend. Please don't miss out on this great networking opportunity with our local college students.

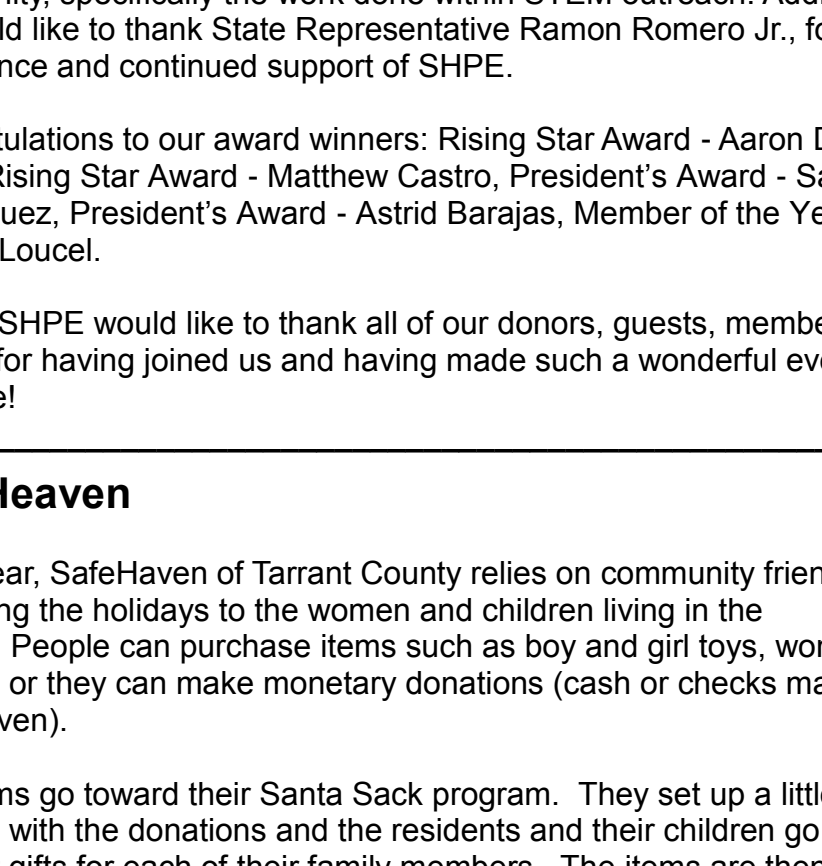
To inquire about future SHPE lead tours, or find out which local schools will be visiting us at Aero soon, please contact [Astrid Barajas](#).

**What:** SHPE Factory Tour & UT Dallas Student Visit  
**When:** Friday, January 15th  
**Where:** Meet at Gate 6 then transition to AVC Theater Room  
**Time:** 10:00 am - 1:00 pm

## SHPE National Conference Recap

From Wednesday, November 11<sup>th</sup> to Sunday, November 15<sup>th</sup>, twelve members of SHPE at LM Aero joined in the SHPE National Conference in Baltimore, MD. This year many of the SHPE LM Aero members were working during the conference supporting the LM sponsored Resume Room reviewing student resumes and offering advice for improvement, working the Career Fair screening candidates and conducting career discussions, or supporting numerous National Committees.

In terms of development, the attendees participated in the 3-day Professional Track with numerous engineering and career training classes, information briefs, and sessions. Attendees also participated in the newly created Employee Resource Group (ERG) Track, led by the chapter's own Michael Gutierrez, and gained insight from other companies and organizations on how to take our organization to the next level.



The participants also attended all the major conference events including the Region 5 meeting, SHPE National meeting, Awards Banquet, STEM luncheon, and Chapter Presidents Breakfast. During the President's Breakfast, Jessie Medrano was awarded the Excellence in Leadership Award for his many years of volunteer service at the National Conference and leading the National Signage Committee since 2012. Samantha Dominguez also accepted sponsorship/nomination to become a Lifetime SHPE member during the Lifetime Members Social. Congratulations to Jessie and Samantha and join us next year in Seattle!

## VIVA Tech Day & SHPE Recap

Great Minds in STEM hosted Viva Technology Day at Dagggett Middle School on Friday December 4th with over 120 6th-8th grade students participating. They participated in all day mini STEM activities including glide the distance and Telegraph Communication and various teams were awarded for their scientific creativity. SHPE-LM Aero and HOLA-MFC dedicated an off-Friday to students with a vested interest in engineering. Special thanks to chapter members Lorena Loucel, Armando Contreras, Samantha Dominguez, James Naray and Juan Pablo Gonzalez.



If you would like to get involved and/or volunteer in future community outreach activities with the chapter, please contact [Lorena Loucel](#).

## SHPE & FIRST Lego League

On Saturday, December 12 members of SHPE LM Aero partnered with FIRST, the Perot Museum, LM MFC HOLA employee resource group, our SHPE UTA student chapter, and Trinity HS to support the FIRST Lego League (FLL) local qualifying tournament hosted at Trinity HS in Euless. There were a total of 8 attendees that volunteered to be judges of the FLL Teams community service projects, robot design, and ethical core values activities.



The tournament consisted of 30 4<sup>th</sup> to 8<sup>th</sup> grade middle school student teams from all over the North Texas area competing to move on to the regional FLL tournament. The goal of FLL is to promote science and engineering by engaging young students in a fun, competitive environment focused on promoting teamwork and ethical core values through principle called gracious professionalism.

If you would like to participate in future community service events or be a future judge for FFL, please contact [James Naray](#).

## SHPE Thanksgiving Potluck

Thank you to those who joined the SHPE Familia at our annual Thanksgiving Potluck on November 14<sup>th</sup>. The food was great, the drinks were good, and everyone was having a phenomenal time together! Much thanks to James Naray who volunteered his house and everyone else who brought dishes, drinks, and other items. See you at next event!



To make a recommendation on a future social event or provide venue suggestions, please contact [Aaron de la Vega](#).

## 2nd Quarter SHPE General Meeting

On Thursday, November 19th, the chapter held its General Meeting. Chapter President, Aaron Prokopchuk presented chapter status and reviewed the successful events we've taken part of the past couple of months. The chapter looks forward to continued strong member participation and volunteers support in 2016, and stay on the lookout for following major events.

If you would like to speak at a future general meeting, suggest a topic, or recommend a guest speaker, please contact [Lydia Garcia](#).



## 4<sup>th</sup> Annual Holiday Charity Gala

Wednesday, December 2<sup>nd</sup>, was a very memorable night as the SHPE Familia came together once again at the FW Petroleum Club, fulfilling our civic duty of giving back to our community. SHPE's STEM outreach initiatives are a direct result of the hard work and dedication of the Chapter's members and supporters. The Holiday Charity Gala serves as one of two fundraising events for the awarding of local STEM-bound high school students and we are very proud to be able to do this year after year.



FWISD Board President Jacinto "Cinto" Ramos delivered a moving and inspirational Key Note speech addressing the need for professionals to return to the inner city and cultivating young talent in underrepresented, low income areas. He stressed the importance and impact positive role models have and the magnitude of leading by example can have on others. Mr. Tom Carney, VP of Program Management Processes & Controls, also gave an enlightening speech that highlighted Lockheed Martin's dedication to the community, specifically the work done within STEM outreach. Additionally, we would like to thank State Representative Ramon Romero Jr., for his attendance and continued support of SHPE.

Congratulations to our award winners: Rising Star Award - Aaron De La Vega, Rising Star Award - Matthew Castro, President's Award - Samantha Dominguez, President's Award - Astrid Barajas, Member of the Year - Lorena Loucel.

Finally, SHPE would like to thank all of our donors, guests, members, and friends for having joined us and having made such a wonderful evening possible!

## SafeHaven

Each year, SafeHaven of Tarrant County relies on community friends to help bring the holidays to the women and children living in the shelter. People can purchase items such as boy and girl toys, women's clothing or they can make monetary donations (cash or checks made out to SafeHaven).

The items go toward their Santa Sack program. They set up a little store stocked with the donations and the residents and their children go in and pick out gifts for each of their family members. The items are then wrapped and are ready for Christmas.



We are collecting through Wednesday, December 16 (last minute donations will be accepted through the 17th) and we are delivering the items on Friday, December 18th.

Please contact Donna Jett x32162 and Pam Tribble x54917.

## SHPE Newsletter Inputs

If you have any input or events that you would like to see in our newsletter contact our director of communications [Roberto Olono Jr.](#)

SHPE at LM Aero • [www.shpefortworth.org](http://www.shpefortworth.org)  
Like us on [Facebook!](#), post photos to #shpelmaerofw

### SHPE Board of Directors

- Aaron Prokopchuk (President) • Astrid Barajas (VP, Professional Development)
- Lorena Loucel (VP, Community Outreach) • Matthew Castro (Director of Membership)
- Roberto Olono Jr. (Director of Communications) • Lydia Garcia (Secretary)
- Armando Contreras (Treasurer) • Juan Pablo Gonzalez (Historian)
- Aaron de la Vega (Director of Social Events) • Lisa Munoz (Social Media / SharePoint)
- James Naray (Director, SHPE Jr. Trinity) • Kathleen Zurlinden (Director, SHPE Jr. Trimble)
- Samantha Dominguez (SHPE Jr. Northside and Golf Tournament Chair)
- Joksan Holguin (Lego Lab Lead) • Doug Abernathy (Webmaster)
- Gabe Beard (Advisor to the President)

### SHPE Executive Advisors

- Tom Bradley, Vice President, Finance and Program Management
- Alex Eksir, Vice President, Quality & Mission Success