

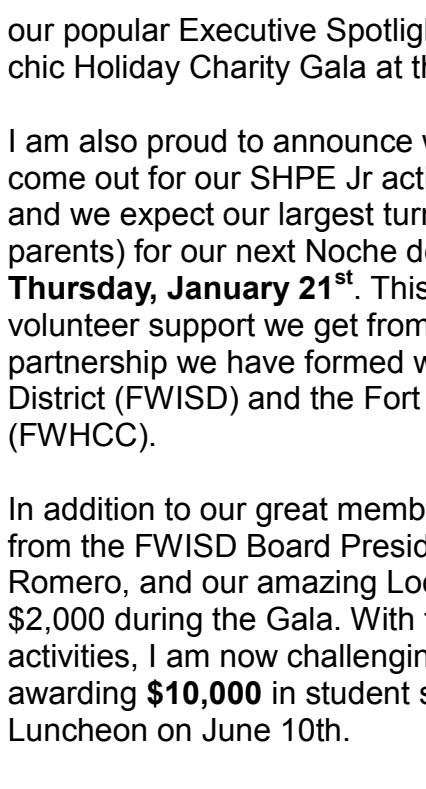
# The Flying SHPE

The Society of Hispanic Professional Engineers at Lockheed Martin

January 2016

Volume 6, Issue 7

## A Word From Our President



¡Feliz y prospero año nuevo, SHPE Familia! As we start the new year, I would like to take a moment to look back at all the great things this chapter has accomplished in the last 6 months. Your SHPE Executive Leadership Team (ELT) and Board of Directors (BOD) have executed over 50 incredible events to include; a fantastic Noche De Ciencias at Trimble Tech High School, a revamped after school Lego Lab program at High Point Academy, continuing our popular Executive Spotlight Lunch and Learn Series, and growing our chic Holiday Charity Gala at the Petroleum Club.

I am also proud to announce we have seen record numbers of students come out for our SHPE Jr activities at all three of our partner high schools, and we expect our largest turnout ever (over 100 students plus their parents) for our next Noche de Ciencias at North Side High School this **Thursday, January 21<sup>st</sup>**. This is in no small part due to the amazing volunteer support we get from our members, and also the strong partnership we have formed with the Fort Worth Independent School District (FWISD) and the Fort Worth Hispanic Chamber of Commerce (FWHCC).

In addition to our great membership contribution, the support we received from the FWISD Board President Jacinto Ramos, State Rep. Ramon Romero, and our amazing Lockheed leadership enabled us raise over \$2,000 during the Gala. With this success, and the realization of our other activities, I am now challenging our chapter to drive for a new goal of awarding **\$10,000** in student scholarships during our Scholarship Awards Luncheon on June 10th.

In order to reach this goal, the chapter needs your continued support and strong participation in our Spring Charity Golf Tournament on **May 6<sup>th</sup>** at The Resort Golf Club. Please help spread the word, and on behalf of the chapter ELT and BOD, thank you for a wonderful 2015, and we look forward to making a big difference in 2016. ¡Muchas Gracias!

## 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 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 McKinley Ave. Fort Worth, TX 76164  
**Time:** 6:00 pm - 9:00 pm  
**POC:** [Samantha Dominguez](#)

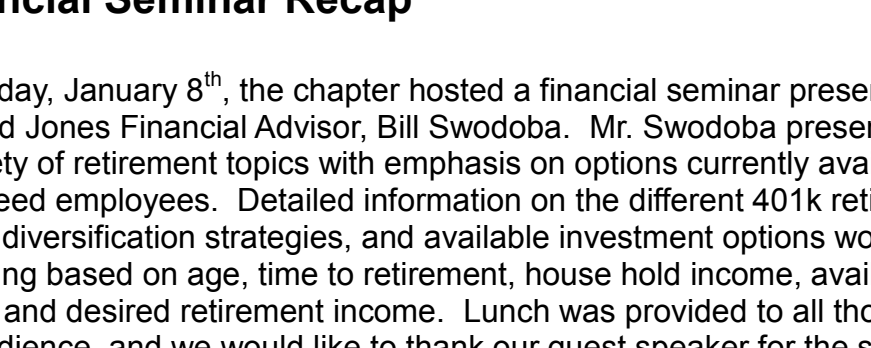
## 2016 SHPE LM Aero Scholarship Golf Tournament – Registration NOW OPEN!

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 May 6th**, at [The Resort Golf Club](#) on Eagle Mountain Lake in Fort Worth, Texas. Money raised from the event will go towards our scholarship endowment for graduating high school students seeking to major in the fields of Science, Technology, Engineering, or Mathematics (STEM). To register visit our website at: <http://www.shpefortworth.org/>.

**What:** 2016 SHPE LM Aero Scholarship Golf Tournament  
**When:** Friday May 6th, 8:00 am Shotgun Start  
**Where:** The Resort Golf Club on Eagle Mountain  
**POC:** [Samantha Dominguez](#)

## SHPE Factory Tour & UT Dallas Student Visit

On Saturday, January 23rd, 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 ride 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 Friday January 22nd**.



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:** Saturday January 23rd.  
**Where:** Meet at Gate 6 then transition to AVC Theater Room  
**Time:** 10:00 am - 1:00 pm

## 2016 Region 5 Service Regional Outing (SRO)

This is the annual SHPE regional outing. The purpose of this event is to promote collaboration between college and professional chapters, leadership development and community outreach. The event is intended to be a fun-filled, relaxed athletic social where SHPE members can come together to network with one another getting credit towards major National strategic goals by bridging that college-professional STEM pipeline. Some benefits of attending as a professional include the following:

- Network with SHPE student chapter member.
- Provide coaching student E-Board officers.
- Provide mentoring and guidance to students.

Hope you can join in on the fun! Register and RSVP online to attend the [Service Regional Outing](#).

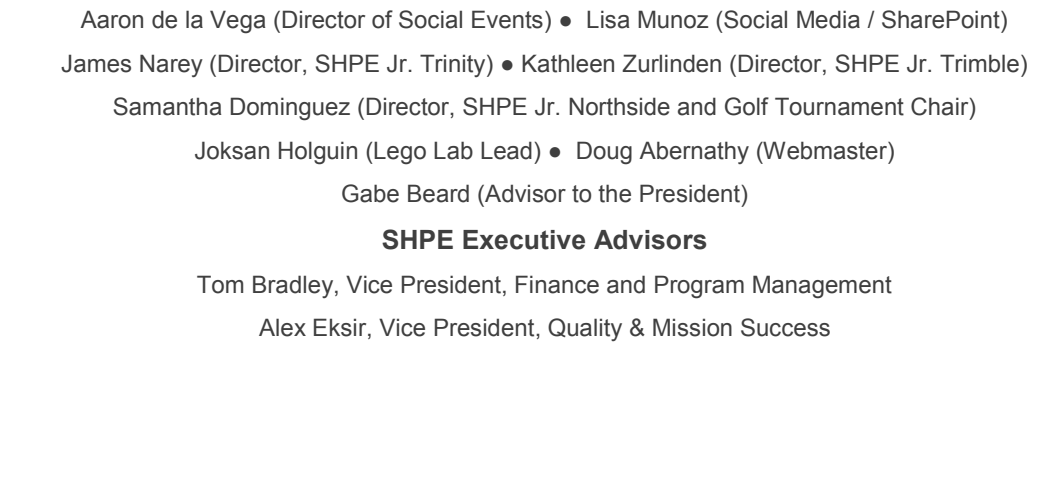
The registration includes lodging optional, a SHPE event shirt, dinner and lunch. The Day 1 agenda will involve a local community outreach group volunteer activity at local animal shelter or Dallas homeless shelter followed by a formal dinner and salsa and then Day 2 will conclude with a athletic tournament and lunch. Then all attendees will depart another SHPE event full of great leadership knowledge and motivation to take back to their chapters.

Stay tuned to the [SHPE Region 5 Facebook](#) Fan Page for more detailed event information.

**What:** SHPE Region 5 Service Regional Outing (SRO)  
**When:** January 30 at 12 pm till January 31 at 3pm  
**Where:** University of Texas at Dallas, 800 W Campbell Rd. Richardson TX 75080.  
**Cost:** \$30 with lodging or \$20 without lodging for professionals.  
**Register Online until January 30.**  
**POC:** [Lorena Loucel](#)

## SHPE General Meeting

Come join us in kicking-off the New Year with the chapter's first SHPE General Meeting of 2016! Don't miss out on this great opportunity to learn about all the exciting events coming up this semester to include the chapter's largest ever Noche De Ciencias at North Side High School (over 100 students plus their parents will be attending) and our 5<sup>th</sup> Annual Spring Charity Golf Tournament! SHPE offers a variety of Leadership Development, Professional Development, Community Service and Networking opportunities at Air Force Plant 4 and in the local community.



The event is also a great opportunity to provide feedback to your chapter Executive Leadership Team (ELT) and Board of Directors (BOD) on how we are doing and make suggestions for future great events and activities. Hope to see you there and please continue to support us in reaching our new stretch goal of raising \$10,000 in scholarships for 2016!

## 2016 E-Week Lunch and Learn Panel Discussion

The Engineering Leadership Development Program (ELDP) and SHPE would like to invite you to the 2016 E-Week Lunch and Learn. This is a great opportunity to hear about the topics of Data Analytics, The Software Tool eTOF (electronic Tool Output Integrated Framework), Agile Practices, and Metrics. Our speakers for this event are Geeth Chettiar, Dr. Ben Calloni, Rituu Kohne, Scott Schorn, and Sue Lewis. **Food will be provided.**

To RSVP contact Dustin Brown at 3-7207, Eric Broadhurst at 5-8554, or Astrid Barajas at 5-4019.

**What:** ELDP and SHPE 2<sup>nd</sup> Annual Panel Discussion  
**When:** Monday, February 22<sup>nd</sup> at 11:30 a.m.  
**Where:** Aeronautics Visitor Center Theater Room, 4/1/79CU  
**Time:** 11:30 a.m.-12:30 p.m.

## SHPE Jr. Update

Our 3 SHPE Jr chapters at Trimble Tech, North Side and Trinity High Schools have had a great academic year thus far with over 5 meetings this past semester and 5 more scheduled in 2016. For Fall 2015, the following STEM activities and professional/soft skills workshops were conducted: SHPE JR 101, what is engineering, building bridges, applying for college, parachute drop, importance of leadership, effective study habits/time management, college financial aid, and how to fill out a FAFSA.

This upcoming semester we have more exciting topics/activities to discuss such as a surface tension lab, writing an effective resume, preparing to go off to college, a Texas A&M-Production Tour and a Lockheed Martin Aeronautics visit and production tour. With a full year awaiting our Jr chapter, volunteers are always welcomed.



Meeting times are 3:30PM-5PM with a **charging number provided** but dates vary for school to school. If you are interested in helping out with this effort, contact [Lorena Loucel](#). Students are always interested in meeting new professionals!

## Financial Seminar Recap

On Friday, January 8<sup>th</sup>, the chapter hosted a financial seminar presented by Edward Jones Financial Advisor, Bill Swodoba. Mr. Swodoba presented on a variety of retirement topics with emphasis on options currently available to Lockheed employees. Detailed information on the different 401k retirement plans, diversification strategies, and available investment options worth exploring based on age, time to retirement, house hold income, available funds, and desired retirement income. Lunch was provided to all those in the audience, and we would like to thank our guest speaker for the strong resulting event attendance numbers.



If you would like to see future SHPE events focused on finance/retirement topics, or would like to recommend a guest speaker, please contact [Astrid Barajas](#). Thank you for your continued support and we hope to see you at our next professional development event!

## NSBE Letter to High Schools

On February 27, 2016, The National Society of Black Engineers (NSBE) will be hosting the 2016 Annual College Prep Day here at Lockheed Martin Aeronautics in Fort Worth. The purpose of College Prep Day is to give area students insight into what to expect upon entering a college or university. Through various presentations, such as "Pathway to Success" and "Getting Ready for College," students will be exposed to tools, knowledge, and personal experiences that will assist them in preparing for their next exciting steps. Students will also learn about the multitude of methods to finance their post-high school education and provide techniques and tips on managing student loans and reducing the overall cost of higher education. The College Prep Day experience will wrap-up with a college fair staffed by alumni representing their respective schools and a tour of our F-35 production line.



National Society of Black Engineers (N.S.B.E.)  
Professionals of Lockheed Martin  
College Prep Day

The goal of this event is to impact as many students as possible, so if you know of a student grades 9-12 that is in a science-based program in school or interested in a Science, Technology, Engineering, or Math (STEM) discipline, please encourage them to participate. If you have any high school students that would like to attend, please provide the following information to [Tonisha Smith](#) 817-714-7202

## Engineers in The Classroom

Engineers In The Classroom (EITC) event taking place from Monday, February 22nd to Thursday, February 25th. We are looking for Engineers in the Classroom Ambassadors to support this event. E-Week is an exciting time for our employees and the students to celebrate the world of engineering and STEM. If you have not done Engineers in the Classroom (EITC) before, no problem! We are offering a training class to assist you in this adventure. Training will be held for Feb. 9 and Feb. 11 from 3 – 4 p.m. There is a need for Spanish speaking Engineers so please let us know if you speak any other languages.

Please contact [Christy Roof](#) at x56521 for more information.

## Community Relations Needs Your Support

Volunteers are needed to support Fort Worth Aero's Spur 341 litter pickup on February 13, May 21, August 20, and November 19 at 8 a.m. to help clean up the highway leading into the plant.

Volunteers will meet in the parking lot inside Gate A, which is the first gate on your left after passing through the Main Gate, to receive refreshments and supplies needed for the activity. Employees, family members and others are encouraged to participate.

For questions and to sign up, contact [Diana Gomez](#), 817-763-7970.

## Creating Successful Retirement

Debora Clark is a Senior Educator for Money Management Educators (MME) and an associate editor of Financial News Digest, a nationally distributed publication for effective money management. She is a featured presenter for MME, which has hosted workshops for a number of the nation's leading corporations. You are sure to enjoy her light-hearted approach to the otherwise complex world of personal finance.

**Thursday, January 21<sup>st</sup>, 2016**  
**11:30am - 12:30pm**  
**Location:**  
**Lockheed Martin Corporation/Fort Worth Campus Auditorium**

Please RSVP to Reserve Your Spot

888.714.0671 x101  
Email: UseAMMEducators.org

**Topics Will Include:**

- How Much is Enough?
- Tax Free or Taxable Income - Which is Better?
- Review of Pension Changes
- What If I Don't Have a Pension?

If you are considering retirement in the near future, you don't want to miss this workshop!

## A4A Cook-Off Challenge

A4A is having a Cook-Off Challenge occur next Friday (01/22). There are 3 categories to enter: Appetizer, Main Course, and Dessert. There will also be exciting prizes for the winners, or they can simply bring their stomach to taste the food from the participants.

## 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 Narey (Director, SHPE Jr. Trinity) • Kathleen Zurifinden (Director, SHPE Jr. Trimble)
- Samantha Dominguez (Director, 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