

# The Flying SHPE

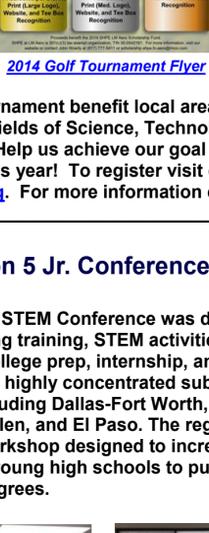
The Society of Hispanic Professional Engineers at Lockheed Martin

March 10, 2014

Volume 4, Issue 6

## 2014 SHPE Golf Tournament

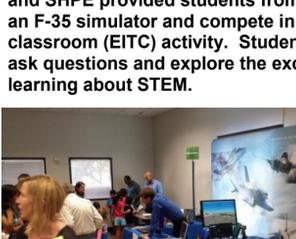
Register today for the 2014 SHPE Scholarship Golf Tournament, scheduled for **June 6th** at the Squaw Creek Golf Course!



Proceeds from the tournament benefit local area high school students seeking majors in the fields of Science, Technology, Engineering, and Mathematics (STEM). Help us achieve our goal to award two more \$1,000 scholarships this year! To register visit our website at [www.shpefortworth.org](http://www.shpefortworth.org). For more information contact [John Woerly](mailto:John.Woerly@lm.com).

## 2014 SHPE Region 5 Jr. Conference

The SHPE Region 5 Jr. STEM Conference was designed to bring science and engineering training, STEM activities, SHPE Jr. Leadership training, college prep, internship, and scholarship workshops to the most highly concentrated sub-regional areas with SHPE Jr. Chapters including Dallas-Fort Worth, Austin, College Station, Houston, McAllen, and El Paso. The region-wide conference was one-day virtual workshop designed to increase the awareness of STEM and encourage young high schools to pursue future STEM careers and college degrees.



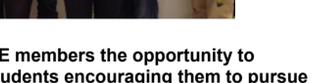
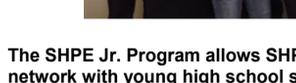
This was the first-ever SHPE Jr. Conference held within Region 5 and SHPE National. The event was sponsored by Lockheed Martin Aeronautics, Control Products Corporation, and Avionic Technologies, Inc. 22 SHPE Jr. chapters were represented region-wide and 6 participated at UT Arlington. The conference co-host SHPE chapters included the SHPE UT Arlington, UT El Paso, UT Pan-American, UT Austin, Texas A&M, and the University of Houston.

A special thank you to Santi Bulnes, Vice President, F-35 Air Vehicle Development who delivered the welcome keynote address talking about future STEM career opportunities.

## Brookhaven College STEM Fair

Brookhaven College STEM Fair  
Date: Saturday February 22, 2014  
Participants: 500 students K-12

The Brookhaven College STEM Fair was a success! Lockheed Martin and SHPE provided students from all over Dallas the opportunity to fly an F-35 simulator and compete in a paper airplane Engineer in the classroom (EITC) activity. Students took advantage of this event to ask questions and explore the excitement that's associated with learning about STEM.



A special thank you to Juan Tezanos, Travis Burton, and Gabe Beard for volunteering.

## Trinity High School SHPE Jr.

The Trinity SHPE Jr Chapter is off to a great start with a strong group of Hispanic students involved on a regular basis attending all four SHPE Jr. mentoring meetings during the Fall Semester.



The SHPE Jr. Program allows SHPE members the opportunity to network with young high school students encouraging them to pursue future STEM college degrees and careers while you gain valuable leadership experience with planning, budgeting, facilitating, and public-speaking skills.

The kids are always excited to hear perspectives from different and new volunteers. The SHPE Jr. mentoring meeting format is 4 hours per month and includes recurring Professional development workshops and STEM activities.

Upcoming spring semester Trinity SHPE Jr. Chapter events include a Region 5 conference at UT Arlington, RLDC Pre-College Symposium at UT Austin, a Lockheed Martin Aeronautics tour, and UT Arlington college tour. More volunteers are always appreciated and welcomed.

Event: SHPE Jr Mentoring Meetings at Trinity High School  
Date: 2/13, 2/27, 3/19, 3/27, 4/10, 4/24, 5/22, 5/29  
Time: 4:00pm – 5:30pm  
Location: 500 N. Industrial Blvd; Euless, Texas 76039  
Contact: [James Narey](mailto:James.Narey@lm.com)

## SHPE February Social Hour

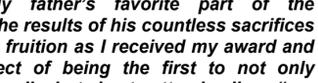
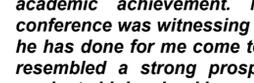
On Thursday February 28th, despite the cold weather that hit Fort Worth that evening, several SHPE members came out to Blue Mesa Bar and Grill at the University Center for some good conversation, refreshments, and free quesadillas. Of those present, three to four members were new to the group and got to find out more about the organization and our fellow members.



Look forward to future monthly social events and happy hours with the chapter, and to recommend future events please contact [Kathleen Zurlinden](mailto:Kathleen.Zurlinden@lm.com).

## SHPE I.D.E.A.S. at Northside High School

On Saturday March 1st, SHPE at LM Aero held their first SHPE I.D.E.A.S. (Introduction to Design Engineering and Analysis Seminar) which was funded through a SHPE Foundation ACE Mini-Grant. The event was held at Northside High School where SHPE LM Aero is actively trying to restart a SHPE Jr. Chapter.

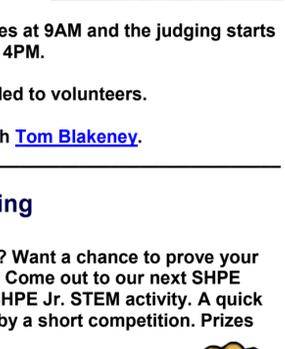


The students participated in two STEM activities designed to be fun while introducing them to concepts in engineering. The event was a success with approximately 25 students in attendance. Feedback was positive as the students expressed great interest in starting their own SHPE Chapter - if you are interested in helping this chapter get started contact [Lorena Loucel](mailto:Lorena.Loucel@lm.com) or any one of you SHPE board members!

Special thanks to Fernando Castellanos for organizing this event!

## Upcoming Event: SHPE Game Night

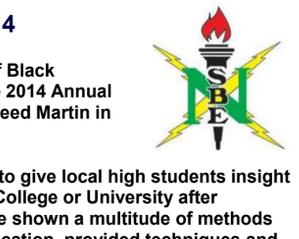
Come on out to SHPE and mingle with your fellow SHPE members as we celebrate the first day of Spring. Don't miss this opportunity to learn more about upcoming SHPE activities, network with our fellow SHPE DFW professionals, and relax after a long work week.



Event: SHPE Game Night  
Date: 3/22  
Time: 7:00pm to 11:30pm  
Location: James' House (RSVP)  
Contact: [James Narey](mailto:James.Narey@lm.com) or [Kathleen Zurlinden](mailto:Kathleen.Zurlinden@lm.com)

## SHPE Jr. Member of the Month

Luis Enrique Ramirez  
SHPE Jr. Founder & President  
Trimble Tech High School



Here is what he had to say:

*"My favorite part of SHPE Jr. is having opportunities to learn about the possibilities of what STEM can offer and being involved in interactive activities and competitions where we, the students, are able to interact with each other and be able to work as a team."*

*"[During my visit at the SHPE National Conference in Indianapolis], I won the National SHPE Academic and Leadership Award that was judged upon service in the community and academic achievement. My father's favorite part of the conference was witnessing the results of his countless sacrifices he has done for me come to fruition as I received my award and resembled a strong prospect of being the first to not only graduate high school in my family, but also to attend college."*

Luis was recently announced as the semi-finalist for the Coca-Cola Scholars Foundation Scholarship. He is currently a senior with hopes of becoming a mechanical engineer and attending Cornell University, since he previously attended the Catalyst Summer Engineering Program in Ethica, NY.

Congratulations to Luis in being SHPE Jr member of the month and for his National SHPE Academic and Leadership Award. SHPE LM Aero wishes you all the luck!

## Judges Needed for SAE Aero Design Competition

Oral presentation judges needed for the SAE Aero Design event being held on Friday, March 28th.



Venue 510  
510 S.W. Wilshire Blvd  
Burleson, TX.

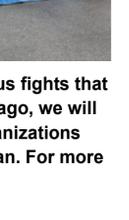
There is a short meeting for Oral judges at 9AM and the judging starts at 9:30AM and continues until around 4PM.

Lunch and an SAE polo shirt is provided to volunteers.

Please RSVP if you could help out with [Tom Blakeney](mailto:Tom.Blakeney@lm.com).

## SHPE Chapter General Meeting

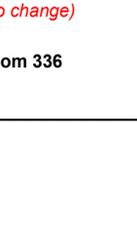
Are you smarter than a high schooler? Want a chance to prove your ability in a friendly work competition? Come out to our next SHPE general meeting and participate in a SHPE Jr. STEM activity. A quick demonstration will be given followed by a short competition. Prizes will be awarded to the winning team.



Date: March 13th  
Time: 11:30am -12:30pm  
Location: AVC Theater

**Pizza will be provided!**

## NSBE College Prep Day 2014



On April 26th, the National Society of Black Engineers (NSBE) will be hosting the 2014 Annual College Prep Day right here at Lockheed Martin in Fort Worth.

The purpose of College Prep Day is to give local high students insight into what to expect upon entering a College or University after graduating High School. Students are shown a multitude of methods to finance their post-high school education, provided techniques and tips on managing student loans and reducing the overall cost of higher education. The experience is topped off with a college fair staffed by alumni and alumnae representing their respective schools and a tour of the F-35 production line.

If you know of any students or a school that would be interested in participating in this opportunity please contact [Heather Morton](mailto:Heather.Morton@lm.com) or [LaTasha Cox](mailto:LaTasha.Cox@lm.com).

ALL STUDENTS IN THE DFW METROPLEX ARE WELCOME!!!

## SHPE Peer Workshop #1



The chapter would like to introduce a new series of peer lead professional development workshops. Don't miss this and future opportunities to learn a new skill and/or hone an existing proficiency into an expertise.

Also, if you are a subject matter expert in a particular field and would like an opportunity to teach others in a classroom setting this is the perfect opportunity. Please reach out to our chapter coordinator for workshop suggestions and to sign up as a presenter.

Meeting: Peer Workshop #1 – Pivot Table Basics and Dashboards  
DATE: March 26th  
TIME: 11am-12pm  
Room: Raptor Room - OBC

POC: [Patricia Chu](mailto:Patricia.Chu@lm.com), 817-777-1853 (coordinator)  
[Fernando Castellanos](mailto:Fernando.Castellanos@lm.com), 817.655.7616 (presenter)

## 2014 SHPE Region 5 RLDC

Registration is still open for the 2014 SHPE Region 5 Regional Leadership Development Conference (RLDC).



Where: The University of Texas at Austin  
When: March 28th & 29th

Visit [www.utshpe.org](http://www.utshpe.org) to register and for any further information regarding RLDC, sponsorships, or other questions, please email [utshpe.rldc5@gmail.com](mailto:utshpe.rldc5@gmail.com)

## SHPE Cesar Chavez March



Corner of 2<sup>nd</sup> and Calhoun St.  
Downtown Fort Worth  
March 29, 2014  
2 p.m.

In remembrance of all the great sacrifices and tremendous fights that Cesar Chavez and the farm workers went through years ago, we will be marching with Richard Gonzalez and many other organizations throughout downtown to pay homage to this amazing man. For more information please contact [Kathleen Zurlinden](mailto:Kathleen.Zurlinden@lm.com).

## Volunteers Still Needed For SHPE Jr.

Volunteers needed for our SHPE Jr. chapter mentoring program at Trimble Tech. Please see below for more details, thanks.

Event: SHPE Jr Mentoring at Trimble Tech High School  
Date: 3/21, 4/4, 4/18, 5/2, 5/16, 5/30 (tentative – subject to change)  
Time: 3:30pm - 5:00pm  
Location: 1003 W Cannon St, Fort Worth, TX 76104 Room 336  
Contact: [Lorena Loucel](mailto:Lorena.Loucel@lm.com)

## SHPE Newsletter Inputs

SHPE Familia,

If you have any input or events that you would like to see in our newsletter contact our director of communications [Aaron Prokopchuk](mailto:Aaron.Prokopchuk@lm.com).

SHPE at LM Aero • [www.shpefortworth.org](http://www.shpefortworth.org) • Like us on [Facebook!](https://www.facebook.com/shpefortworth)

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