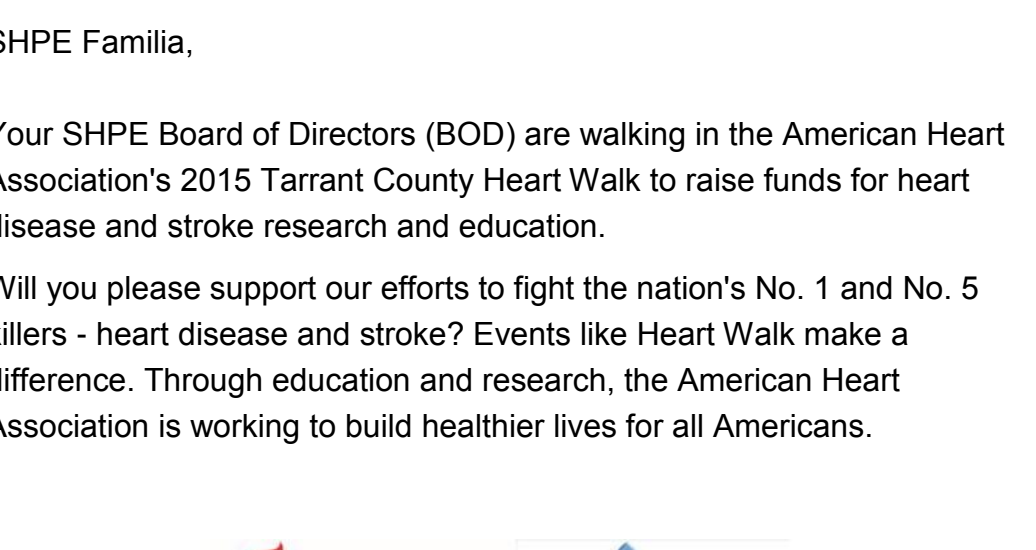


The Flying SHPE

The Society of Hispanic Professional Engineers at Lockheed Martin
September 2015 Volume 6, Issue 3

SHPE Chapter General Meeting

Come join us for our next SHPE General Membership Meeting and learn about all the exciting events that your SHPE Board of Directors have planned for the 2015 - 2016 calendar year. SHPE offers a variety of Professional Development, Community Service and Networking opportunities at Lockheed and in the local community. This is a great opportunity to meet the Board of Directors, ask them questions, and suggest future events and venues. Hope to see you there!

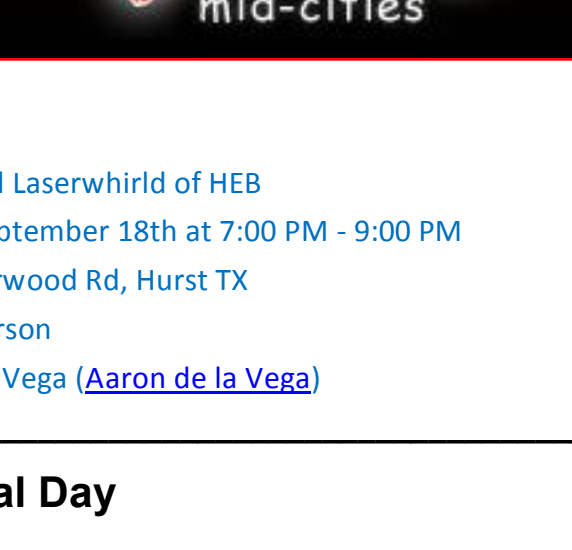


Lunch will be provided.

What: SHPE Chapter General Meeting
When: Monday, September 14th from 11:30AM to 12:30 PM
Where: AVC Theater

2015 Tarrant County Heart Walk

SHPE Familia,
Your SHPE Board of Directors (BOD) are walking in the American Heart Association's 2015 Tarrant County Heart Walk to raise funds for heart disease and stroke research and education.
Will you please support our efforts to fight the nation's No. 1 and No. 5 killers - heart disease and stroke? Events like Heart Walk make a difference. Through education and research, the American Heart Association is working to build healthier lives for all Americans.

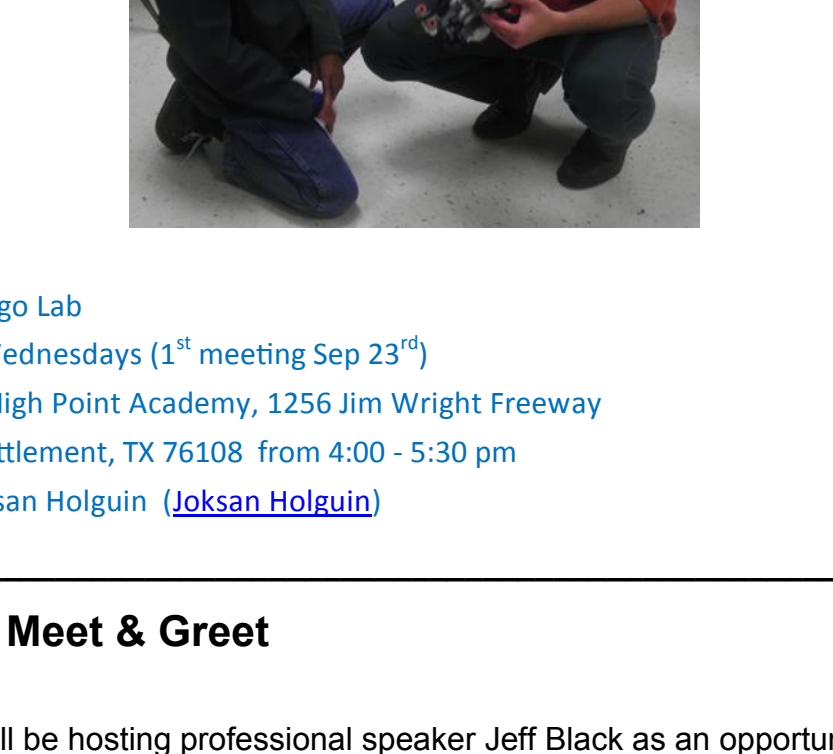


Thank you in advance, and to sponsor us in the 2015 Tarrant County Heart Walk, click [HERE!](#) We also welcome anyone that would like to join our SHPE team and walk with us.

What: 2015 Tarrant County Heart Walk
When: Saturday, September 12th from 8:00 AM to 11:00 AM
Where: Will Rogers Memorial Complex (3401 Lancaster Ave)
POC: Aaron Prokopchuck ([Aaron Prokopchuck](#))

Whirly Ball

Sign up while you can! SHPE is headed to Whirly Ball on Friday, September 18th @ 7pm! Limited to the first 15 members who sign up. Please reserve your spot with Aaron de la Vega.



What: Whirly Ball Laserwhirl of HEB
When: Friday, September 18th at 7:00 PM - 9:00 PM
Where: 147 E Harwood Rd, Hurst TX
Price: \$25 per person
POC: Aaron de la Vega ([Aaron de la Vega](#))

International Day

SHPE will be participating in International Day on Monday, September 28th. The event, hosted by The Diversity and Inclusion Council, is themed "Highlight Our Diversity" and will be a great opportunity to showcase SHPE's community involvement and cultural diversity. Participating ERGs will have a table representing a specific culture; SHPE will be representing the Mexican culture. We will need volunteers representing at our booth along with help bringing food, dressing the part, and decorating the table accordingly. Please come out and support our booth.

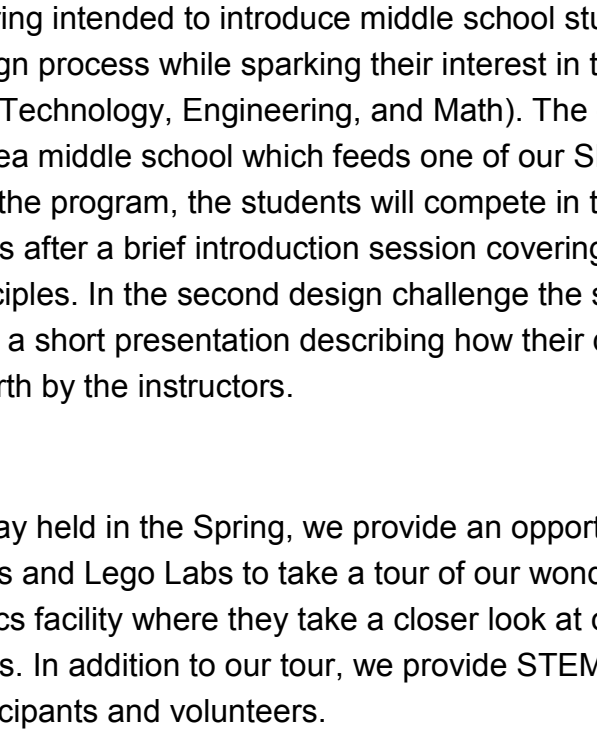


What: International Day
When: Monday, September 28th from 10:45 AM to 12:30 PM
Where: Building 200 Courtyard
POC: Matthew Castro ([Matthew Castro](#))

Lego Lab

Mentoring sessions for Lego Lab are set to begin September 23rd at High Point Academy. The lab sessions take place every Wednesday from 4:00-5:30 pm and they run throughout the school year. The minimum commitment is 1.5 hrs. per month by rotating volunteers.

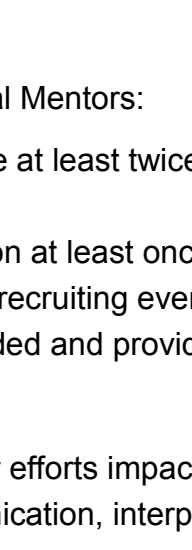
If you are interested in joining the team as a mentor, or would just like to help develop the activities, please contact Joksan Holguin.



What: Lego Lab
When: Wednesdays (1st meeting Sep 23rd)
Where: High Point Academy, 1256 Jim Wright Freeway White Settlement, TX 76108 from 4:00 - 5:30 pm
POC: Joksan Holguin ([Joksan Holguin](#))

LMLA Meet & Greet

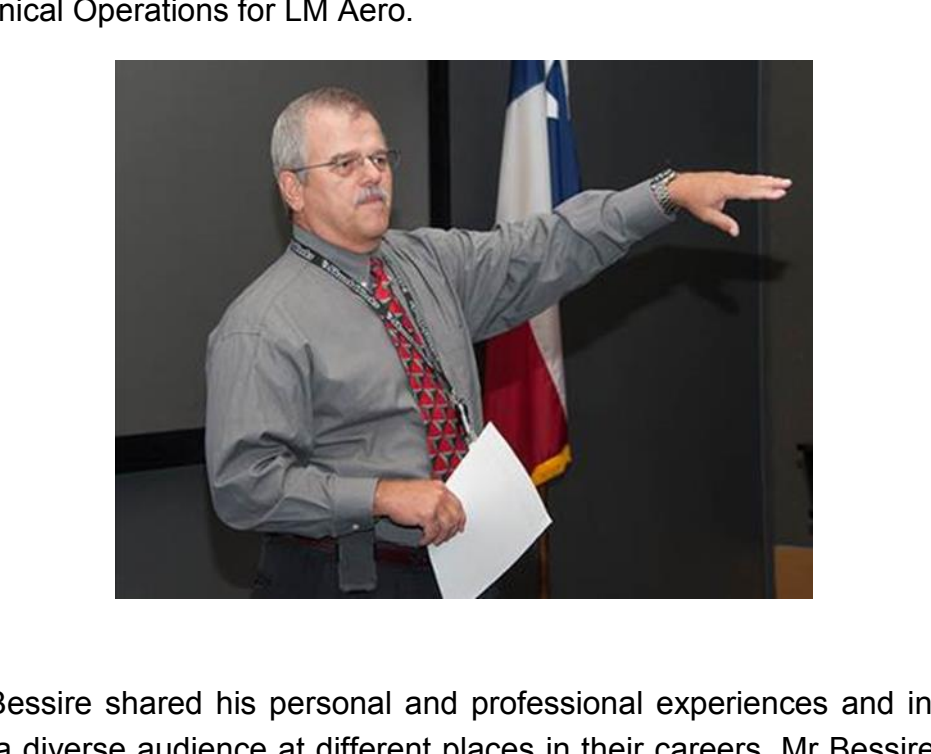
LMLA will be hosting professional speaker Jeff Black as an opportunity to learn useful strategies in executive presence and communication. Come stop by the SHPE booth at the event for more information about our organization and instructions on how to sign up for membership. This will also be an opportunity to network with LMLA members.



What: LMLA Meet & Greet with Jeff Black
When: Thursday, September 24th from 12:00 PM to 1:00 PM
Where: AVC Vision Room
POC: Matthew Castro ([Matthew Castro](#))

2015 - 2016 Academic School Year

As the new 2015-2016 academic school year begins, a series of different SHPE volunteering opportunities will also begin: SHPE Jr, Lego Lab, Noche De Ciencias, ACE, Industry Tour, and many more. Our community service board is working hard on planning out their weekly/monthly mentoring programs and we would like to create a volunteering list for anyone that might be interested in participating in any of these programs. If you are at all interested in learning more about these amazing community service opportunities or becoming an active volunteer, please don't hesitate to let us know. We are always looking for additional help and welcome anyone that wants to help out our local community. For any additional questions, please contact Lorena Loucel at ([Lorena Loucel](#))



SHPE Jr. 101

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 gaining valuable leadership experience with planning, budgeting, facilitating, and public-speaking skills. The students are always excited to hear perspectives from their new volunteers. The SHPE Jr. mentoring meeting format is 3 hours per month and includes recurring Professional Development workshops and STEM activities.

We currently host 3 SHPE Jr charters at Trinity High School, North Side High School and Trimble Tech High School.

Lego Lab 101

LEGO MINDSTORMS Education EV3 engages middle school students in computer science, science, technology, engineering, and math with this new hands-on robotics platform. **Simple and Motorized Mechanisms:** With this platform, students will build and explore machines and mechanisms, investigate motorized machines, calibrate and capture wind, and study gearing mechanisms.

We currently host one Lego lab as an after school program at High Point Academy.

Noches de Ciencias 101

Family Science Nights, hosted in the Fall, is a national initiative to engage the Hispanic Community in a relaxed environment to have fun with science, and engineering, and promote college awareness in a 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.

ACE:

ACE (Advancing Careers in Engineering): IDEAS will be a one-day event hosted in the Spring intended to introduce middle school students to the engineering design process while sparking their interest in the fields of STEM (Science, Technology, Engineering, and Math). The event will be held at a local area middle school which feeds one of our SHPE Jr. High schools. During the program, the students will compete in two judged design challenges after a brief introduction session covering basic engineering principles. In the second design challenge the students will be asked to prepare a short presentation describing how their design meets the criteria set forth by the instructors.

Industry Day:

On an A-Off Friday held in the Spring, we provide an opportunity to our SHPE Jr chapters and Lego Labs to take a tour of our wonderful Lockheed Martin Aeronautics facility where they take a closer look at our F35 assembly process. In addition to our tour, we provide STEM workshops and lunch to our participants and volunteers.

School	Program	Address	Dates	Time
Trinity High School	SHPE Jr	5003 Industrial Blvd. Euless, TX 76039	Monday (9/14, 10/26, 11/23, 12/7)	4:00PM-5:30PM
North Side High School	SHPE Jr	2211 McKinley Ave Fort Worth, TX 76104	Tuesday (9/8, 10/13, 11/10, 12/8)	3:45PM-5:15PM
High Point Academy	Lego Lab	1256 Jim Wright Fwy White Settlement, TX 76108	Wednesday (Sept. 16, 23, 30, Oct. 7, 14, 21, 28)	4:00PM-5:00PM
Trimble Tech High School	SHPE Jr	1003 W Cannon St Fort Worth, TX 76104	Thursday (9/10, 10/8, 11/12, 12/10)	3:45PM-5:15PM

Mentoring Opportunity: SHPE TAMU MentorSHPE Program

Howdy SHPE LM Aero members! The SHPE Texas A&M chapter is still in need of some professionals who can guide upperclassman students from industry as a mentor as part of their most popular program for the 2015-2016 academic year.

Requirements for Professional Mentors:

1. Communicate with mentee at least twice a month (Email, Phone, Video Conference, Text)
 2. Meet with mentee in person at least once (SHPE National Conference, Regional event, or TAMU recruiting event)
 3. Guide the mentee as needed and provide constructive feedback.
- Professional Benefits:
1. An experience where your efforts impact an individual's life
 2. Ability to develop communication, interpersonal, leadership, and coaching skills.
 3. Opportunity to give back to the community, share experiences and knowledge gained through similar challenges and experiences.

What: SHPE TAMU MentorSHPE Program
When: Monthly
POC: Carlos Rios, Director of Academic Development, Texas A&M SHPE (academicdevelopment@shpe.tamu.edu)

Social: Taverna Happy Hour

We all had a great time at Taverna on August 29th enjoying the authentic Italian Pizza as well as talking with and meeting members in SHPE, OLDP, and ELDP.

Be aware our next social event is going to be at Whirly Ball on September 19th! If you have any suggestions on future social events please contact [Aaron De la Vega](#).

SHPE Lunch and Learn with Ron Bessire

On Tuesday, July 21st, the chapter continued its series of LM Executive Spotlight Talks with Ron Bessire, Vice President of Engineering and Technical Operations for LM Aero.

Mr. Bessire shared his personal and professional experiences and insight with a diverse audience at different places in their careers. Mr Bessire had valuable lessons for everyone. His anecdotes and transparency helped increase communication while building rapport between LM executive leadership and LM future leaders. The chapter would like to thank Mr. Bessire for his time, interest and contribution to professional development of chapter and supporting members.

If you have any suggestions on future professional development events or speakers please contact [Astrid Barajas](#).

Habitat for Humanity

We are so excited Lockheed Martin will be partnering with Trinity Habitat on Saturday, September 26th! We are not able to do the work we do without dedicated partners like you!

This is a great opportunity to share not only a common experience with your fellow employees but help those in the community realize the opportunity to own a home.

Everyone must sign up by **Tuesday, September 15th.**

Registration and Sign Up Link: www.trinityhabitatvolunteerhub.com

If registering as a **New User**, use join code **LMCO**.
If you have previously set up a username and didn't use a join code, Email: Christina Ireton

Once registration is complete you **MUST** select the day you are volunteering.
What: Framing (Habitat for Humanity)
When: Saturday, September 26th at 7:30 AM
Where: 5329 Greenlee St., Fort Worth, TX 76112
POC: Christina Ireton ([Christina Ireton](#))

Carter Project

Mentorship Initiative for Project Carter. Started by the Cedar Valley Community College and is supported by the Dallas Independent School District among several other community partners.

Mission: to serve all David W. Carter High School by strengthening the culture of college and career readiness for every student.
Vision: To cultivate a community of partners working together to transform from within our mission and goals.
Need:

- 1) Mentor for overview presentations to 9th & 12th graders at Carter High School.
 - 2) Be one-on-one mentor for 9th to 12th grader of Carter High School.
- What:** Carter Project
POC: Miss Carole Wright ([Carole Wright](#))

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
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)
- Veronica Pineda (Director of Events)
- Aaron De La Vega (Directory, Social Treasures) • Samantha Dominguez (Director, SHPE Jr. Northside)
- James Narey (Director, SHPE Jr. Trinity) • Kathleen Zurinden (Director, SHPE Jr. Trimble)
- Kyle Mojica (Golf Tournament Chair) • Lisa Munoz (Social Media / SharePoint)
- Joksan Holguin (Lego Lab Advisor) • Doug Abernathy (Webmaster)
- Gabe Beard (Advisor to the President)

SHPE Executive Advisors

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- Alex Eksir, Vice President, Quality & Mission Success