



# The Flying SHPE

The Society of Hispanic Professional Engineers at Lockheed Martin

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## SHPE 2012-2013 Chapter President's Message



Hola members and Happy New SHPE Year! Your new 2012-2013 SHPE BOD took office beginning July 1. First, I would like to take this opportunity to express my thanks to all past BOD officers for your hard work and great leadership over the past year. It was a pleasure working with each and every one of you over the last year. Next, I would like to take this opportunity to thank all of our members for the continued support allowing me to serve you as your local SHPE chapter president in a second term in my presidency and continue to grow the SHPE LM Aero Fort Worth professional chapter organization. We have lots of new and fresh talent coming into the BOD with improved ideas on how to run the chapter. I am pleased to work with all of them in order to better serve your needs through implementing some new programs while retaining the core traditional programs.

In June, we held our end of the year awards luncheon where we recognized many of our volunteers over the past year on their service and loyalty to the organization as well as presented our distinguished Presidents awards and SHPE Member of the Year. The winners of the Presidents awards were Evelyn Urbina, Joksan Urbina, and John Woerly. The SHPE Member of the Year was Jesse Medrano. Congratulations to these special individuals for their dedication and motivation to help out the local chapter as well as all of our volunteers! Also, in June we held another event as part of our Professional Development Series in the AVC. Our SHPE Executive Sponsor, Alex Eksir, talked about the values of diversity.

Your new 2012-2013 BOD also met in June for our new officer leadership retreat on June 22 where we began the process of setting our goals and objectives for the upcoming year. We have much work a head of us, and we need all of your help. Some of our high-level goals include striving to become a large chapter of 75 members, strengthen our SHPE regional college buddy system relationships, grow the long-term financial standing of the chapter for our scholarship program, support National initiatives such as Noche de Ciencias and growing our SHPE Jr. programs, improve external marketing of the chapter, and grow our golf tournament over last year.

The National Conference will be held in Fort Worth this year. The conference will be held November 14-18. Last year, in Anaheim we had 16 SHPE LM Aero members attend. We hope to double our presence at the conference this year. Start talking with your management today about being company sponsored. The conference offers a leadership workshops, professional certification programs, networking socials and luncheons, regional meetings, an awards banquet, career fair, design competitions, academic olympiads, and much more.

The Society of Hispanic Professional Engineers (SHPE) at LM Aero Vision seeks to empower the Hispanic community of Fort Worth to attain careers in the fields of science, technology, engineering, and mathematics (STEM) and excel as technical and professional leaders. The mission of SHPE at LM Aero endeavors to promote STEM awareness among the youth in the community, encourage middle and high school students to pursue degrees in STEM, enable college students to find careers in STEM, provide professional development for its members, expand our members networks while providing a sense of inclusion, and improve our neighborhoods through community service. The core values that the chapter stands by is Leadership, Education, Accountability, Diversity, Service, Integrity.

Continue to check the newsletter, SHPE at LM Aero website, and our Facebook page for more on exciting future professional development and networking social events.

James Narey  
SHPE at LM Aero  
Chapter President 2012-2013

## SHPE at LM Aero Scholarship Winners

The Society of Hispanic Professional Engineers (SHPE) at LM Aero-FW chapter hosted a luncheon for six very distinguished college-bound students on July 13. The luncheon included a presentation of their awards, an overview of Lockheed Martin and SHPE, and concluded with a tour of the F-35 assembly line. The SHPE at LM Aero scholarship program represents gratitude, personal excellence, motivation, integrity, leadership, and community involvement. This award represents the second in the history of the chapter operating as an official tax-exempt organization. The scholarship program was awarded to the winners based upon strict requirements in academic performance, awards and recognition received, their involvement in the community, and desire to pursue a degree within science, technology, engineering, and mathematics.

The winners were Miss Alyssa Armendariz, graduate of Euless Trinity High School plans to attend Notre Dame; Miss Jennifer Choi, graduate of Hurst L.D. Bell and plans to attend UT Austin; Mr. Joe Delgado graduate of Fort Worth Arlington Heights and plans to attend Texas Christian University; Miss Emma Ely graduate of Hurst L.D. Bell and plans to attend the Colorado School of Mines; Mr. Matthew Ferguson graduate from Richland High School plans to attend Cornell University; and Mr. Austin Miller graduate from Southlake Carroll High School and plans to attend UT Austin. All graduates plan to major in engineering, science, or mathematics. This year the winning students were awarded \$1,000 each that may be applied to tuition, books, and school supplies on behalf of SHPE at LM Aero and Lockheed Martin. The SHPE at LM Aero Scholarship program funds were raised from the annual charity golf tournament held April 2nd at Squaw Creek in Fort Worth. We congratulate all of our scholarship winners and wish them the best of luck as they embark on a new journey in their lives!



## National Institute for Leadership Advancement 2012

During the month of August, the chapter will send two executive board members; Gerardo Ramos, Director of Communications, and Juancarlos Mariano, Director of Community Outreach to the SHPE National Institute for Leadership Advancement (NILA) conference on August 2-5 in Denver, CO. NILA is a 2 1/2 day conference where professional chapter board members attend workshops to learn how to run successful chapter and participate in group case studies that help solve current SHPE national issues while earning their certified chapter leader NILA diploma.

## Texas Academy4 Volunteering Opportunities at Dagget Elementary

Academy4 is focused on 4<sup>th</sup> Graders!

Fourth grade students are at a critical age. They are at a level of higher reasoning ability yet are still open to new ideas.

Why Daggett Elementary?

- Over 90% of the students are on free/reduced lunches which indicate a level of poverty.
- The teachers, counselor and principals are supportive of our effort! They believe we can make a difference.

You'll be making an investment not in the future of each student, but in the future of our community!

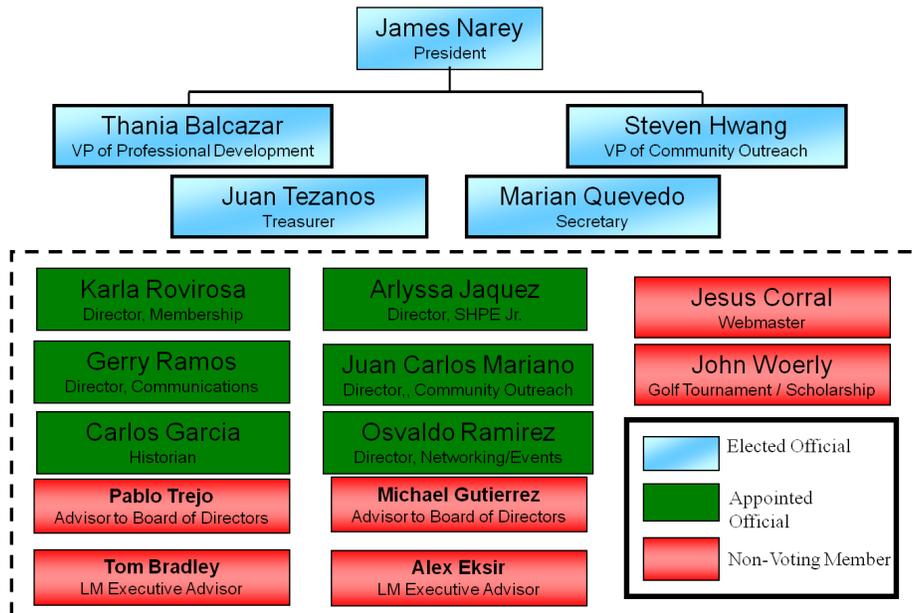
Adults will be matched with students of the same gender and will meet once a month. These one-on-one relationships will process the assembly experience and assist the student in shaping their leadership potential.

For more information, contact Nikki Cheek at 817-807-8072 or [info@academy4.net](mailto:info@academy4.net).

## 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](http://www.shpe.org).

## SHPE at LM Aero 2012-2013 Officer Introduction



## SHPE at LM Aero BOD Officer Leadership Retreat

On June 22, the new SHPE at LM Aero BOD officers were introduced. There was a team-building exercise where everyone created a profile about each other and then went around the room to brief. We took a moment to reflect on the accomplishments from the previous year to gain an understanding of the type of activities. Next, we brainstormed on our high-level goals for the year, then went through each set of objectives for each director or vice-president and decided which objectives we wanted to keep from last year and add new ones. The format that this chapter using for its objectives is the S.M.A.R.T. format. In attendance were James Narey, Thania Balcazar, Steve Hwang, Juancarlos Mariano, Arylssa Jaquez, Marian Quevedo, Michael Gutierrez, Ozzy Ramirez. This event was great and allowed a chance for all of the new members to get to know each other and start thinking about the top-level chapter strategy, goals, and objectives prior to taking office. By holding this event very early, it has helped in getting off to a good start ensuring a successful transition between the past and new executive board members. Michael Gutierrez facilitated the meeting allowing the new BOD members to work together to come up with their goals. This was vital because it gave the new board members the opportunity to work together as a team without members feeling left out in order to run the meeting.

## Reflecting on 2011-2012 - SHPE at LM Aero Chapter Highlights

- Held 1st Annual Charity Golf Tournament
- Awarded Six \$1,000 Scholarships To Six Tarrant High School Graduating, College Bound Seniors
- Brought Home National and Regional Professional COY at the National Conference in Anaheim
- Started New SHPE Jr. Chapter at Area High School
- Held SHPE “Noche de Ciencias” Event & Engineering Day With Toluca Tech
- Supported SHPE Regional Buddy System Building Relationships with Area Student Chapters
- Established Mentoring Partnership with SHPE TAMU
- SHPE Christmas Banquet with Salsa Dance Lessons
- Held International Food Night, Halloween Fall Festival, and Game Night Networking Events
- Our FIRST Robotics School Team Advanced to Regional Competition at UTA.

A heart felt thank you to ALL the members and officers who made the 2011-2012 SHPE year a GREAT one! Gracias!!!

## Electronic Fashion Camp for Girls

Please volunteer to help with the Electronic Fashion Camp this August 1-3.

Just email the conference chair, [Amy Pickup](#), and she will get you on the volunteer email distribution list! In addition, ask how you can receive the training needed to support this event.

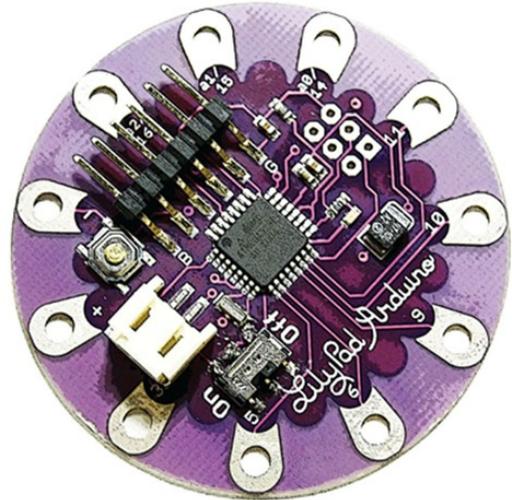
During the Electronic Fashion Camp, middle school girls will learn about fashion, electronics and coding in order to design and build their own LilyPad Arduino project to take home.

The LilyPad Arduino is a sewable, programmable microcontroller designed for e-textiles that can be sewn into fabric using conductive thread.

Over three days, girls will work together to learn about fashion as communication, sewing with conductive thread, circuitry, how LilyPad Arduino components work, coding in the Arduino IDE, designing and prototyping, and open source documentation. Breakfast and lunch will be provided.

Additional details about Electronic Fashion Camp

Who: Middle School Girls  
Location: Oil & Cotton in Oak Cliff  
Date: August 1-3, 9:00am-5:00pm  
Cost: \$95, Breakfast and Lunch will be provided  
POC: [Thania](#) or [Amy](#)



## SHPE News and Events

Join us to kick off the SHPE New Year with lunch at MK Sushi on Friday, July 27! Feed the ninja in you and meet fellow SHPE members. Please contact [Osvaldo](#) if you are interested in attending.

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](#).

## 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!!

