



# The Flying SHPE

The Society of Hispanic Professional Engineers at Lockheed Martin

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## SHPE LM Aero Mentors Local FIRST Tech Challenge Team

The Society of Hispanic Professional Engineers Lockheed Martin Aeronautics - Fort Worth professional chapter committee mentors a group of local high school For Inspiration and Recognition of Science and Technology (FIRST) Tech Challenge robotics team. The team is located at Trinity HS in Euless. The team competed on Saturday, February 11 in the Fort Worth Qualifier Tournament at the Mansfield ISD Ben Barber Career and Technology Center hosted by the University of Texas at Arlington. The 2012 FIRST Tech Challenge tournament theme is Bowled Over. The team won the Connect award that is based on the team's group interview before a panel of judges. The criterion for the Connect award is given to the team that recognizes their school and the community is a big part of their success. The team that aggressively reaches out to the engineering community for mentors exploring opportunities available in the world of STEM and demonstrates that they have a clear business plan for achieving their fundraising goals wins this award. They also came in 2nd for the Inspire award which is the top award given to any team participating in the FIRST Tech Challenge competition. If the special awards were not enough on Saturday, then the team also was on the winning 1st place alliance. The team awaits their next challenge at the upcoming regional FIRST Tech Challenge planned for Saturday, March 3 at the University of Texas at Arlington. They are one win away from qualifying for the World tournament in St. Louis, MO on April 25-28, 2012.

## SHPE Regional Leadership Development Conference

Dates: April 13 - 15, 2012 (Professionals should arrive Friday AM or Thursday PM)

Location: McAllen & Edinburg, Texas

Registration Dates:

Early End Date: February 28, 2012

Late Start Date: February 29, 2012

End Date: March 14, 2012

Registration (\$100) is currently available on OneSHPE.

LM Aero to reimburse \$50 to 5-6 SHPE members who show they have paid registration.

If you are interested in attending, please contact [Karla Rovirosa](#)



## Ultimate Bridge Competition

The goal is to create the lightest bridge that will withstand the greatest proportional load applied to it. More precisely, the bridge with the best specific strength (successful un-breaking load applied/weight of bridge) will win. The contest will take place in Fort Worth on Thursday, 2/23 at 11:30 am in Bldg 102. If interest in creating a LM Aero SHPE team please contact [David](#)

## LM Aero SHPE Shirts for Sale

Thank you to those who ordered the LM Aero SHPE shirts. By purchasing a shirt you helped fund the community outreaches programs LM Aero SHPE supports. We have a few extra LM Aero black polo shirts (1 small men's, 1 medium men's, and 2 medium ladies) for sale. If interested, contact [Carlos](#).

## Upcoming Events

### ***FIRST Regional Competition***

Where: University of Texas at Arlington

When: Saturday, March 3

Come on out and support our SHPE Jr. Robotics Team and help out as a volunteer.

### ***SHPE Region V Sub-Regional Outing***

When: Saturday, March 3 at College Station, TX

Who: SHPE Texas A&M Chapter is the host

What: Soccer Tournament

SHPE LMAERO would like to get a team together for the soccer tournament.

This is an excellent opportunity for SHPE LMAERO Texas A&M mentors to meet with their mentees.

### ***SHPE CareerPrep Camp***

<http://www.shpe-dfw.org/latest-news/careerprepcamp>

### ***SHPE TAMU mentoring partnership***

Anyone interested in mentoring our fellow students with the SHPE TAMU chapter, then contact [Karla Rovirosa](#).

### ***SHPE GAME NIGHT***

We will be having a joint social with our friends from the DFW Chapter!

Please bring a snack item to share and board games, wii, etc – any game that you enjoy!

When: Saturday, February 25, 2012 7:30 PM-11:30 PM

Where: 611 Valencia Dr, Arlington 76002 (BYOB)

### ***Joint Social with SHPE DFW***

Gloria's Restaurant (Arlington)

Thursday, March 2, 2012 from 7:00 – 10:00 PM

## Dia de Ciencias / Family Science Day

When: March 17, 2012 10am – 4pm

Where: University of North Texas Discovery Park

Who: Students and family interested in Science, Technology, Engineering and Math

Students - You are invited to participate in science & technology experiments, games and demos!

Parents - Learn how to help your children prepare for a career in the STEM field along with advice about admission and financial aid

Register for this event online @ [shpeunt.weebly.com](http://shpeunt.weebly.com)



## STEM Expo for Girl Scouts North Texas

This year marks the 100th anniversary of the establishment of the Girl Scouts and they have declared 2012 The Year of the Girl. Girl Scouts North Texas has more than 35,000 members and when they contacted us to serve as role models and mentors, we knew we wanted to do more. Although a lot of progress has been made, still only 5% of women who enter college graduate with degrees in engineering. We believe we can improve those trends by showing young women not only that science can be fun, but also demonstrating that they can succeed in STEM activities!

That is why the Dallas Society of Women Engineers is putting on a STEM Expo for Girl Scouts North Texas and we would LOVE it if SHPE would take on this Expo as one of your Community Service projects!

We have many volunteer opportunities for both female and male engineers. We are looking for corporate sponsorship at any level, from sponsoring our keynote speaker to small give away items for the welcome bags. We need activity leaders and career speakers. We need help with our website and promotional materials. Contact [Thania](#) if interested!