



# SPE South Texas Section Support for Education

Greater than 80% of South Texas Section's profits from the Polyolefins Conference go to support **8 Universities** with polymer programs in Texas, to support students of SPE South Texas Section members, and to support the Houston Science Fair. Universities supported by the South Texas SPE section with scholarships, endowments, equipment grants and student chapter funds are Baylor, Texas A&M, Univ. of Houston, Texas Tech, Texas State, Lamar, North Texas, and Texas State. The educational budget is typically **\$50-95K per year**.

# Education Programs

- 1) \$2,000 in **scholarships** per year for each school (8 schools -- \$16,000)
- 2) **9 Endowments** administered by the Universities to provide scholarships for students in the polymer programs – working on 10<sup>th</sup> endowment
- 3) \$1,100/yr to **support the SPE student chapters** (\$8,800)
- 4) **SPE International Polyolefin Conference** --Free lodging and registration for roughly 35 students from the 8 supported universities, student dinner, \$7,000 in Student Scholarships, up to \$1,800 for poster awards
- 5) **Equipment support** for polymer programs at the 8 Universities which can range from \$1,000 to \$20,000 per grant and should be matched by the University (gave out \$32,000 last year)
- 6) **Scholarships for children and grandchildren** of SPE South Texas members ( up to \$17,000)
- 7) **Science Fair awards** for deserving projects having to do with plastics (Budget up to \$5,000)
- 8) Students receive access to **tutorial and plenary videos** from the Polyolefins Conference

# South Texas Section Endowments

School	Name of the Endowment	
Texas State	Bounita Favorite	
Texas Tech	Mark Demark	
University of North Texas	Don Witenhafer	
Lamar University	Bill Kuhlke	
Texas A&M	Dale Walker	Henry Kahn
University of Texas	Marion Johnson	Larry Holmes
University of Houston	Frank Padula	

Working on an Endowment for Baylor

# SPE Student Chapters supported by the South Texas Section

Schools	STX Liaison
University of Houston	David Hansen
University of Texas A&M	David Hansen
Baylor University	Jeff Applegate
Texas Tech University	Paul Banks
Texas State Technical Institute	Oscar Garcia
Lamar University	Fred Morita
University of North Texas	Aliene Elkins
Texas State University	Glenn Rasberry

# Top SPE Student Chapters in the US

## 2017 Recipients

**1st Place** Baylor

**2nd Place** University of Wisconsin Madison

**3rd Place** University of Akron

## 2016 Recipients

**1st Place** University of UConn

**2nd Place** Baylor

**3rd Place** Texas A&M

## 2015 Recipients

**1st Place** University of Wisconsin-Madison

**2nd Place** Penn State Erie

**3rd Place tie** Texas A&M and Baylor

Honorable Mention: UCONN

## 2014 Recipients

**1st Place** University of Wisconsin-Madison

**2nd Place** Texas A&M

**3rd Place** University of Wisconsin-Stout

# 2017 Polyolefins Conference Awards

## Scholarships:

PMAD :

**Joseph Baker** ( Texas A&M )

**Amaal Al Shenawa** (UNT )

TPM&F :

**Heedong Yoon**( Texas Tech )

**Benjamin Blandford** ( Baylor )

FLEXPACK :

**Edith De Leon-Quiroz** ( Texas State )

SOUTH TEXAS :

**Oromidayo Afolabi** ( Lamar )

**Vivek Yadav** ( U.of Houston )

## Poster Contest Winners:

First Place : **Joseph Baker**, Texas A&M

Second Place: **Shaoyan Mou** , U. of H., **Edith DeLeon-Quiroz**, Texas State

Third Place : **Jacob Frazer**, Texas State

# South Texas Family Scholarships

- Requirements
  - For children or grandchildren (must be Texas resident) of SPE South Texas member in good standing and active in the chapter
  - Student must be attending an university, city college, or college
  - Everyone who applies and qualifies will receive a scholarship up to \$2,500 depending on the number. Scholarship are not determined by need.

## 2017 -2018 School year Scholarships

Student	Year	University	SPE parent/grand p.
Mitra Rahimi	Sophomore	Texas State	Iman Bahrani
Drew Applegate	Junior	Auburn Univ.	Jeff Applegate
Benjamin Applegate	Freshman	Colorado State	Jeff Applegate
Kaitlin Alexander	Junior	Univ. Texas	Kevin Alexander
Robert Hansen	1 <sup>st</sup> year MBA Student	Univ. of Houston	David Hansen
Frazier Chriswell	Senior	Texas A&M	Larry Chriswell
Robert Lauzon	Junior	San Jacinto College	Pete Lauzon
Alex Lauzon	Freshman	San Jacinto College	Pete Lauzon

# Science Fair Awards

The SPE South Texas Section judges identify up to five plastic projects in each of the divisions (senior, 9<sup>th</sup> grade, and junior) that are worthy of awards. Award winners receive a check and trophy and the teachers, parents, and student are invited to the SPE award dinner. We did not participate in the 2017 Science Fair because it conflicted with the Polyolefins Conference

2016 Judges
Edgard Chow (Committee Chairman)
Pablo Garcia
Nelson Rodriguez
William Talbott
Astrid Torres
John Waheed



# 2016 Science Fair Awards

## Senior Team Division

- 1<sup>st</sup> place -- **Jenny Qu and Vidisha Ganesh** from Academy of Science and Technology,  
The Woodlands (Conroe ISD) for their project “Synthesis of a Novel Biocompatible Polymer”
- 2<sup>nd</sup> Place -- **Sreshta Margan** from Academy of Science and Technology,  
The Woodlands (Conroe ISD) for her project “No More Needles!”
- 3<sup>rd</sup> place -- **Lily Lam** from Hightower HS (Ft. Bend ISD) for her project “Gulp! Gulp!”

## 9<sup>th</sup> Grade Division

- 1<sup>st</sup> place -- **Andrew Yu** from Academy of Science and Technology,  
The Woodlands (Conroe ISD) for his project “Increasing Cutinase Activity”
- 2<sup>nd</sup> place -- **Mark Kostjuhin** from Clear Creek HS (Clear Creek ISD)  
for his project “Evaluation of Different Techniques to Measure Viscosity”

## Junior Division

- 1<sup>st</sup> place -- **Angelina Lenz** from Irons Junior HS (Conroe ISD) for her project “PVA Protection”
- 2<sup>nd</sup> place -- **Esha Chakraborti** from McCullough Junior HS (Conroe ISD)  
for her project “The Risks of Plastics”