



▶ ASPIRE:  
K-12 OUTREACH EVENT  
REVIEWS ..... 1



▶ ADVANCE:  
PROFESSIONAL DEVELOPMENT  
EVENTS: ENGAGE, NETWORK,  
LEARN & CONNECT ..... 2



▶ ACHIEVE:  
AWARDS  
SCHOLARSHIPS ..... 2

○ ASPIRE | ○ ADVANCE | ○ ACHIEVE

FY2017



*The Society of Women Engineers is the world's largest advocate and catalyst for change for women in engineering and technology.*



*Ladies of Dallas SWE in the November 2016 Design Your World Engineer Fashion Show*

## Aspire: K-12 Outreach



### Design Your World: STEM Conference for Girls

Dallas SWE hosted two Design Your World events in FY17. The first was in November 2016 at Eastfield College where 150 4<sup>th</sup> and 5<sup>th</sup> grade girls, 60 adults, and 100 volunteers enjoyed a day of fun and learning! The girls participated in activities about computer programming, emergency shelters, patents and trademarks, biomedical prosthetics, rockets, and gravity cars. Adults attended the Parent and Educator Panels, with tips and advice on encouraging girls to pursue STEM.

The second DYW event was held in April 2017 at Southern Methodist University. 137 6<sup>th</sup>-8<sup>th</sup> graders, 37 adults, and 85 volunteers attended. Student activities included Invention Challenge, Recycle Runway, Drone Technology,

Solar Robots, Video Game Programming, Alice Programming, Mechanical Hand Design, and Gravity Cars. We received great feedback from parents and students alike, with much appreciation for hosting these events twice per year since 2012.

Additionally, the DYW events held in FY16 won the SWE Award for Outreach MOU Partnership with SMU and the SWE Outreach Award for Parents and Educators Event at the Society level for the third year in a row! These awards were presented at WE16 last October. Many thanks to Dallas SWE's Outreach Committee, our generous sponsors, and the volunteers who helped make these events a success!



*Girls at the April 2017 DYW Conference at SMU*

**Thank You,  
DYW Sponsors!**



### Other Outreach



*She Networks, She Wins, hosted by SMU SWE.*

- *She Networks, She Wins!* - Our annual partnership event with Southern Methodist University featured panelists from Hitachi Consulting, Raytheon, and Lucid.
- *Dallas ISD STEM Expo* - Volunteers taught students how to build circuits.
- *Best Robotics Division Championship* - Attendees spoke to parents and students about SWE Next.
- *Self eSTEM* - Volunteers handed out "Future Engineer" buttons to 6<sup>th</sup>-12<sup>th</sup> grade students.
- *GSTX Intellectual Property Day* - Hosted by the US Patent & Trademark Office, Dallas SWE volunteers talked to Girl Scouts about engineering and gave out "Future Engineer" buttons.
- *Moon Day* - Frontiers of Flight Museum event for the 47<sup>th</sup> moon landing anniversary.

# Advance: Professional Development

**We hosted some great guest speakers, tours, and networking events this year!**

Lennox Event – Lennox generously sponsored our Holiday Social for the second year in a row. We got a tour of their Research and Development floor and celebrated the shared success of their partnership with SWE including several new hires from WE16 interviews and their continued sponsorship of DYW.

Multicultural Partnerships – We had two successful joint events with DFW chapters of SHPE and NSBE! In the fall we volunteered at two Habitat for Humanity ReStore locations in Dallas. In the winter, we hosted a College to Career Leadership Workshop to help student leaders and professionals returning to the workforce navigate interviewing, personal brand development, and professional organizations.



Images from events with NSBE and SHPE / Hidden Figures Screening at the Angelika

Ericsson Technology Center – Dallas SWE members got a peek into the development and impact of new 5G communication networks and guest speaker Cara Hale spoke on the topic of personal branding.

Texas Instruments – At our best-attended event of the year, TI representatives presented information about their diversity and inclusion programs, their R&D Kilby Labs, and hosted a tour of their Innovation Center.

USAA hosted a panel talk and tour of their open workspaces in Plano.

Other professional development meetings included inspiring guest speakers Vidya Krishnan, Alicia Morgan, Alise Cortez, Katherine Bock, and Juanita DeLoach.

Dallas SWE hosted five Social Brunches and a special members-only screening of Hidden Figures at the Angelika Film Center.

## Achieve: Dallas SWE Awards

- Dallas SWE Distinguished New Engineer Award: Amber Scheurer
- Dallas SWE Outreach Mentor Award: Terriekka Cardenas
- Dallas SWE STEM Advocate: Lynn Mortensen
- Dallas SWE Distinguished Service Award: Nandika D'Souza, Ph.D
- SWE Region C Sustaining Benefactor: Lennox International
- SWE Achievement Award: Stephanie Watts Butler, PhD
- SWE Outreach Parent and Educator Program Award
- SWE MOU Partnership Award
- SWE Membership Recruitment Program Award
- Motorola Foundation Multicultural Award

### High School Scholarship Recipients:

- Heather Erickson – Byron Nelson High School
- Bihan Jiang – Texas Academy of Math and Science
- Mary Mulcahy – Highland Park High School
- Irene Villa – Lassiter Early High School
- Nicole Wojtania – Plano West Senior High School
- Annie Colaço Collegiate Leadership Scholarship Recipient: Erica Doty – University of North Texas



(Above) Dallas SWE members & friends at the WE16 Conference in Philadelphia, PA.

(Left) Dallas SWE members at the final Region C Conference in College Station, TX.

## Dallas SWE Counselors

Thank you for serving SWE's local collegiate members!

- Grace Kaldawi - UT Dallas SWE Counselor
- Shilpa Nagaraj - Collin College SWE Counselor
- Minal Issac – SMU SWE Counselor



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THE SOCIETY OF WOMEN ENGINEERS (SWE) IS A NOT-FOR-PROFIT EDUCATIONAL AND SERVICE ORGANIZATION THAT EMPOWERS WOMEN TO SUCCEED AND ADVANCE IN THE FIELD OF ENGINEERING, AND TO BE RECOGNIZED FOR THEIR LIFE-CHANGING CONTRIBUTIONS AS ENGINEERS AND LEADERS.

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