

SOCIETY OF HISPANIC PROFESSIONAL ENGINEERS

TEXAS A&M UNIVERSITY

MEMBERSHIP DEMOGRAPHICS

2017-2018

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GROWTH

Over the 2017-2018 academic year TAMU SHPE and its executive board put in countless effort to reach as many Hispanics in STEM as possible. With recruiting events such as SHPEs and Salsa, MSC Open House, and Bienvenidos a Aggieland, TAMU SHPE was able to share the benefits of the organization across Texas A&M University. Our ability to relate to others, share our stories, and express how joining SHPE transforms you academically, professionally, and socially allowed us to increase our membership from 176 members to 255.

MAJOR

TAMU SHPE strives to reach students of all majors in the Dwight Look College of Engineering. Through our partnership with the Student Engineering Council, we attend yearly events such as Engineering Open House and E-Week. These two events allow us to advertise and market our organization to all Aggie Engineers. In addition, SHPE puts a heavy focus on other STEM related fields. Our ability to offer workshops and meetings with top-tier companies who are looking to hire STEM students, heavily attracts students majoring in biology, physics, and mathematics. As TAMU SHPE continues to grow, more opportunities are provided for all students at Texas A&M University. Below is a table with the number of SHPE members in each major.

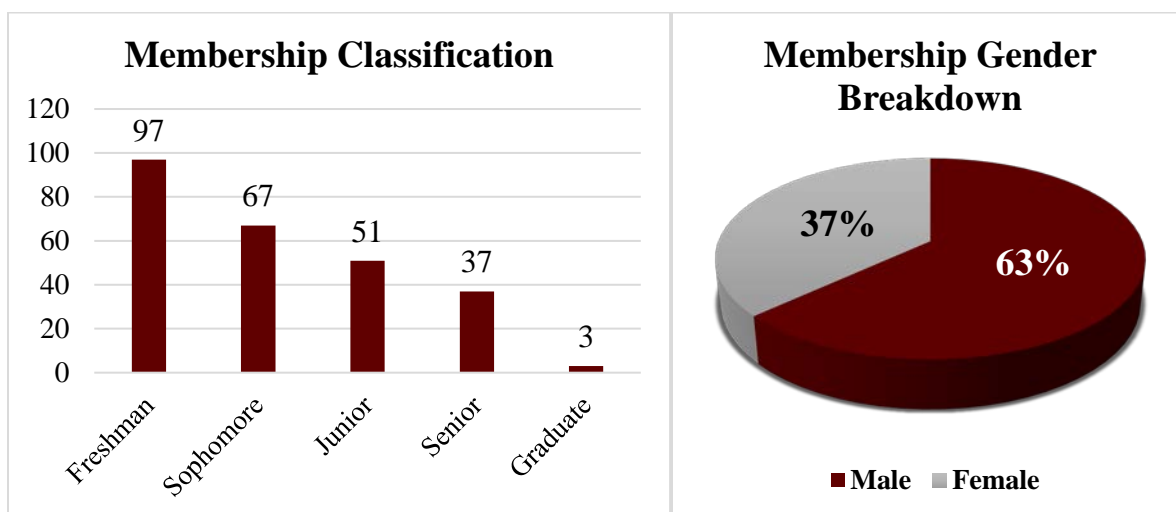
Major	Membership Count	Major	Membership Count
Aerospace	4	Industrial	5
Biological & Agricultural	5	Industrial Distribution	6
Biomedical	2	Mechanical	36
Chemical	11	Nuclear	3
Civil	9	Ocean	1
Computer	8	Petroleum	7
Computer Science	5	Technology Management	18
Electrical	24	Other	10
General	101		

CLASSIFICATION

TAMU SHPE impacts students of all classification at Texas A&M University. Freshmen and sophomores are highly encouraged to participate in our MentorSHPE program. This program allows underclassmen to be partnered up with upperclassmen of their major. Within the program, participants share past experiences in engineering, helpful survival tips at Texas A&M, and most importantly provide the support of the SHPE Familia to those in need. As for juniors and seniors, TAMU SHPE offers leadership positions for personal and professional growth. In addition, the inclusion of professional workshops such as resume and mock interview sessions, salary negotiations, and internship student panels allow our members to be prepared for the workforce they are about to join. The breakdown of our membership classification is shown below.

GENDER DIVERSITY

TAMU SHPE takes gender diversity very seriously as we believe both men and women can change lives, empower the Hispanic community, and impact the world. TAMU SHPE currently has a 37% female, 63% male ratio, shown in the pie chart below. In comparison to the national average of 18% female, 82% male, we are extremely proud of our currently standings. TAMU SHPE credits our success in gender diversity to our SHPEtina Program. The SHPEtina program focuses on creating an environment that rids the stigma many Latinas face. Through SHPEtinas we hosted workshops with SHPE Professionals to learn about their experiences and obstacles they faced and overcame. By hosting events like this, both our male and female members became culturally aware of the challenges women face in the engineering industry. TAMU SHPE believes that empowering the women of today will have a lasting impact on the generations of female engineers to come.



2018-2019 EXPECTATIONS

The 2018-2019 TAMU SHPE Executive board has high expectations for the year that is about to come. As a chapter we expect to strengthen our focus on membership retention, as well as new member recruitment. Our personal one on one connection with members is vital, as well as our presence on social media. Through social media we plan on keeping members engaged and updated with current and upcoming events. As for major breakdown, TAMU SHPEs focus is providing the necessary tools for our members who are currently in General Engineering and awaiting admission to their major. Through academic development workshops and the MentorSHPE program, TAMU SHPE will establish well-rounded individuals, who are prepared for their major specific courses. TAMU SHPEs Professional and Leadership development programs are continuously evolving. With more life-learning workshops such as repayment of student loans, personal branding, and engineering career expectations, TAMU SHPE plans to have an increase in junior and senior involvement. The addition of the Former Students Program will also allow all members, especially upperclassmen to establish relationships with TAMU SHPE alumni, leading to more knowledge passed on throughout the chapter. The 2018-2019 TAMU SHPE Budget has dedicated more funding towards the SHPEtinas Program to host more professional workshops, as well as SHPEtina socials to strengthen our Latinas in STEM relationships. Partnership with our university Women in Engineering Program, as well as our SWE Chapter will unite and inspire all female engineers across the university to continue their journey of exceptional hardships and perseverance and become a female Aggie Engineer. Through these workshops and partnerships, TAMU SHPE will experience a shift towards a 50-50 ratio of male to female in membership. Our chapter expectations for 2018-2019 are:

1. Increase TAMU SHPE membership to 300+ strong.
2. Increase members acceptance rate to ETAM.
3. Increase junior and senior involvement.
4. Evolve TAMU SHPE to a 50-50 male to female organization.