AGENDA

• SHPE Mission and Vision
• SHPE by the Numbers
• Achievements
• Conferences
• SHPE Pillars
• Next Year’s Goals
• Industry Involvement
SHPE Mission and Vision

Mission

SHPE changes lives by empowering the Hispanic community to realize its fullest potential and to impact the world through STEM awareness, access, support, and development.

Vision

SHPE’s vision is a world where Hispanics are highly valued and influential as the leading innovators, scientists, mathematicians, and engineers.

Cal Poly SHPE’s Mission

• Provide a support system for academic, professional, and personal growth
• Provide members with various services and opportunities encouraging community involvement, leadership, outreach, culture, professional development, and academic development
• Educate and develop the Hispanic community through academic excellence
• Increase the number of professional Hispanics through recruitment and retention, as well as being nationally recognized as an outstanding chapter
SHPE by the Numbers
SHPE National

SHPE National Goals

SHPE National Membership Demographics 2017-2018 Year

- Total Members: 10,472
- Total Active Chapters: 230
- Student Members: 8,123
- Student Chapters: 186
- Professional Members: 1,985
- Professional Chapters: 44
- Junior (Grades 7-12) Members: 364
Cal Poly SHPE 2018-2019 Membership Demographics

Membership
- 208 members (29% increase from previous year!)
- 18 officers
- 50 committee members (SHPE Jr, Banquet, Sportsfest, Ambassadors)

GPA
Fall 2018
- All club – 2.871
- Officers – 3.072

Winter 2019
- All club – 2.757
- Officers – 2.971

Gender
- Male: 71.4%
- Female: 27.9%
- Prefer not to say: 0.7%

Major
- AERO: 13.6%
- BMED: 20%
- CE / ENV: 7.9%
- CPE: 12.1%
- CSC / Software: 12.1%
- EE: 16.4%
- IME: 26.4%
- MATE: 18.6%
- ME: 12.9%
- LAES: 12.1%
- ARCE: 9.5%
- BRAE: 9.5%
- Child Development: 9.5%

Hispanic or Latinx?
- Yes: 96.8%
- No: 3.2%
Achievements
SHPE Achievements This Year!

• Cal Poly SHPE was awarded the Blue Chip Award at the Regional Leadership Development Conference in Portland in April 2019 for its achievements in the Fall 2018 quarter.
• Successfully hosted 5 SHPE chapters for the regional Sports Festival in April 2019.
• Officially launched the new SHPE Jr. Chapter in Santa Maria High School (we now have 2 SHPE Jr. chapters!) and had 6 events there!
• Created a new board position and officially started the new SHPE Ambassadors program and hosted 10 tours!
• Successful joint Noche de Ciencias for parents and students of the SMHS and PVHS SHPE Jr. Chapters in April 2019.
• Sent 42 students to SHPE National Convention in Cleveland in November 2018.
• Sent 24 students to SHPE Regional Leadership Development Conference in Portland in April 2019.
• Successful Grid Alternatives Installation Project in San Miguel in April 2019.
• Total 1800+ volunteer hours!
Conferences
National Institute for Leadership Advancement (NILA)
Oklahoma City, OK August 2018

• For SHPE Executive Board (max 2 board members in attendance per chapter)
• Network with other SHPE chapter leaders
• Case Study competition
• Leadership workshops
• Share best practices
• Fully sponsored ($650 each)
SHPE National Convention
Cleveland, OH November 2018

- Sent 42 students to the National Convention (70% students got interviews at the career fair, 4 students received internship / full-time offers, 3 students received scholarships!)

- Networking opportunities with students and professionals

- Leadership, Academic, and Professional Development workshops

- Partially sponsored ($375 each)
Regional Leadership Development Conference (RLDC)
Portland, OR April 2019

- Sent 24 students to RLDC
- Received Blue Chip Award! Woot Woot!
- Partially sponsored ($240 each)
Pillar 1: Professional Development
Professional Development Opportunities

Pillar 1: Professional Development

- General meetings with industry
- Fall Career Fair workshops on resume review, interview skills, branding, and networking sessions
- National Convention and National Convention preparation workshop
- HENAAC Conference in Pasadena, CA
- Company tours (JPL, Maxim Integrated, Chevron)
- COSMIC Design Competition (LMC Sponsored)
Pillar 2: Leadership Development
Leadership Development Opportunities

Pillar 2: Leadership Development

• NILA and RLDC
• Committee involvement:
  - SHPE Jr. Committee
  - SHPE End-of-the-Year Banquet Committee
  - SHPE Tour Ambassadors
  - SportsFest Planning Committee
  - Freshman and Transfer Representative Elections
  - SHPE New Board Elections
  - Volunteer Opportunities
• MEP Sponsored opportunities: Leadership to Legacy Banquet, Student Leadership Workshop during summer.
Pillar 3: Academic Development
Academic Development Opportunities

Pillar 3: Academic Development

- Quarterly academic workshops (mental health workshops, study parties, student panels.)
- Dean’s list scholarships
- Company sponsored scholarships
- Group chats by major
- Textbook drive
- Officers had check-ins with advisor
- MentorSHPE Program
Pillar 4: Community Outreach
Community Outreach Opportunities

Pillar 4: Community Outreach

- SWE Build an Engineer Day (Fall and Spring)
- Noche de Ciencias with the SHPE Jr. Chapters students and parents (Spring)
- Tutoring high school students at Morro Bay
- SHPE Jr. Chapters engineering activities and college presentations
- Annual SHPE Jr. Tour (Spring)
- SHPE Tour Ambassadors
- PolyCultural Weekend (Spring)
- Interclub outreach activities: SCE, MEXA, SWE, NSBE

Total of 1895 volunteer hours in Fall Quarter only!!
Pillar 5: Chapter Development
Chapter Development Opportunities

Pillar 5: Chapter Development

- Social Events: Paintballing, hiking, freshman & transfer socials.
- SportsFest
- Intramural Sports
- WOW Club Showcase
- MentorSHPE Familias Socias: bowling and carne asada
- CultureFest
- Officer Retreat
- End-of-the-Year Banquet! See you all tonight 😊
Goals for the 2019-2020 Year
Goals

• More diverse company pool to meet all of our members industry interests (BMED, ENVE, Tech)
• Implement more cultural workshops and awareness in regards to diversity and inclusivity
• Strengthen relationship with SHPE Jr. and Tutoring schools
• Send 45+ members to National Convention in Phoenix, AZ in October 2019
• Send 25+ members to RLDC in April 2020 (or potentially host it!)
• Include everyone in the MentorSHPE Familia program
• Engage more frequently with alumni
How To Get Involved?
Opportunities for Industry Involvement

- General Meetings / Workshops/ Info sessions
- Sponsor design competitions
- Company tours
- Help out in outreach events
- Club collaboration events
- Monetary donations to sponsor clubs activities (see sponsorship packet for budget)
- Scholarship donations
- Attend the SHPE End-of-the-Year Banquet!

Thank You to Our Sponsors!
THANK YOU IAB!
Cal Poly SHPE