



**2019 SHPE
National Convention**
The Power of Transformation

Phoenix, AZ • Oct 30 - Nov 3, 2019 • SHPE2019.org

2019 STAR AWARDS

NOMINATIONS DEADLINE: **JULY 10, 2019**



ABOUT THE STAR AWARDS |



SHPE will proudly recognize its 2019 SHPE Technical Achievement and Recognition (STAR) Award recipients during the Excellence in STEM Luncheon on Friday, November 1, and STAR Awards Gala on Saturday, November 2.

The prestigious awards honor outstanding professionals for their dedication, commitment, and selfless efforts to grow and advance Hispanics in STEM careers. STAR Awards also recognize a company and government agency for demonstrating significant, measurable, and visible assistance to further SHPE's mission.

[Complete list of 2018 STAR Award winners.](#)



NOMINATION GUIDELINES |

NOMINATIONS NOW BEING ACCEPTED FOR STAR AWARDS DUE BY JULY 10, 2019

- » A candidate can be nominated for more than one award.
- » The candidate must meet the criteria as stated in each award description.
- » Members and corporate/government partners are able to nominate peers.

TO SUBMIT A NOMINATION, THE FOLLOWING IS REQUIRED:

- » Biographical sketch no more than 750 words.
- » Nominee Merit Description that is no more than 750 words covering the following:
 - Describe the nominee's contributions and achievements, including dates and impact.
 - Describe specific examples of how the nominee's efforts resulted in the enhancement, development, and/or promotion of SHPE.
- » Letters of recommendation or other materials that might support the nomination. All letters of recommendation or support materials must be combined and submitted as a single PDF file.
- » Include a color photograph of the nominee. High resolution headshot of the nominee must be submitted as a JPG file with recommended 300 DPI.
- » Current organizational chart (in .pdf format) showing placement of nominee.
- » List of nominee's professional activities.
- » List of nominee's community activities.
- » Current copy of nominee's resume in .pdf format.

Additional consideration will be provided to current SHPE members in good standing.

All materials received become the property of SHPE.

NEW THIS YEAR! The nomination process is all digital. You may start the nomination, save it, and return to it. But all nominations must be submitted as final by July 10 and may not be modified once final.

THE NOMINATION GUIDELINES ARE APPLICABLE FOR THE FOLLOWING AWARDS:

Members and corporate/government partners are able to nominate peers in all of the following categories.

- » Jaime Oaxaca Award
- » Community Service
- » Professional Role Model
- » Student Role Model/Undergraduate and Graduate
- » Promising Engineer
- » Hispanic in Technology — Government
- » Corporate Achievement
- » Pioneer of the Year
- » SHPE Star of Today
- » SHPE Star of Tomorrow
- » Manager of the Year
- » Innovator
- » Chapter Advisor of the Year
- » Educators of the Year (K-12 & Higher Education)
- » Diversity Manager of the Year
- » Young Investigator

NOMINATION FORM ➔



Diana Gomez,
STAR Awards
Committee Chair

JAIME OAXACA AWARD |

The highest national award presented by the Society of Hispanic Professional Engineers (SHPE) to a SHPE member, this prestigious award recognizes the honoree's selfless and outstanding contributions in the fields of engineering and science to the Hispanic community over an extended period of time.

The candidate must meet the following criteria:

- » Demonstrates consistent dedication and commitment to SHPE's growth and advancement.
- » SHPE professional membership status for three years.
- » Cannot have received the Jaime Oaxaca Award in the last five years.

The recipient symbolizes, as does the namesake Jaime Oaxaca, the ideal role model for today's youth by providing a consistent, living example that "Si Se Puede."

A distinguished SHPE member, Mr. Oaxaca is currently vice chairman of Coronado Communications, a Hispanic marketing firm located in Rancho Palos Verdes, California. He has worked tirelessly for many years to promote mathematics and science education for all. Mr. Oaxaca has received numerous honors, awards and recognition, including presidential appointments to scientific and educational cabinets and foundations; and distinguished alumnus recognition from The University of Texas at El Paso.



Wanda T. Ronquillo,
Jaime Oaxaca Award 2018 Winner

AWARDING EXCELLENCE |

COMMUNITY SERVICE

Presented to a recipient whose accomplishments and extraordinary efforts consistently demonstrate a sincere commitment to the goals of SHPE and the Hispanic community.

- » SHPE membership is not a requirement for nomination. Previous honorees have included both SHPE members and non-members.
- » Award recipients receive an honorary SHPE Lifetime Membership.

PROFESSIONAL ROLE MODEL

Presented to an outstanding SHPE professional member who has provided selfless and outstanding contributions to his or her SHPE professional chapter and the Hispanic community.

- » Honoree must be an active SHPE professional member who exemplifies honor, community service and leadership through his or her commitment to SHPE.
- » A letter of endorsement from the nominee's Chapter Board President must accompany the nomination.
- » One award will be given in each region.



Claire Hayhow,
Community Service 2018 Winner

STUDENT ROLE MODELS - UNDERGRADUATE AND GRADUATE

The highest award given by SHPE to a SHPE student member is presented to an active SHPE student member who has provided selfless and outstanding contributions to their SHPE student chapter and the Hispanic community, while at the same time, maintaining academic excellence.

- » A letter of endorsement from the nominee's Chapter Board President must accompany the nomination.
- » Awards are available at two levels: Undergraduate and Graduate.
- » One award will be given in each region.



Maritza Sanchez (Graduate)
& Jose Luis Estrada
(Undergraduate), Student Role
Models 2018 Winners

PROMISING ENGINEER

Honors an engineer who is recognized by his or her peers for outstanding technical accomplishments.

- » Nomination must include letters from employers, certificates or awards earned at work and an updated resume.
- » Nominees must have three to five years of full-time work experience beyond graduation, excluding internships and co-operative experiences.

HISPANIC IN TECHNOLOGY - GOVERNMENT

Presented to a Hispanic engineer or scientist in the government who has made outstanding impacts to their field through a single significant contribution or through the leadership of a major technical project.

- » Achievements cited on behalf of the nominee must have contributed to the field of engineering on a continuous basis.
- » Contributions can be in design, production, management, research, or any phase of engineering that resulted in a significant industry impact.

AWARDING EXCELLENCE |



Angela Nieto,
Manager of the Year 2018 Winner

Josef I Correia,
SHPE Star of Today 2018 Winner

PIONEER OF THE YEAR

Presented to an entrepreneur who owns and/or operates a successful engineering or technology business. The person's company must meet the following criteria:

- » More than 15 employees
- » Visible assistance to the community
- » Clear growth
- » Demonstrated innovation

SHPE STAR OF TODAY

Honors a mid-level engineer, with six to fifteen years of experience, who has demonstrated outstanding technical excellence resulting in significant accomplishments.

- » The individual should be highly regarded within his or her organization and should demonstrate exemplary leadership attributes.
- » The nominee should be a role model that demonstrates professionalism, integrity, dedication, and a commitment to mentoring and community service.
- » Nomination must include letters from employers, and certificates or awards earned at work and an updated resume.

SHPE STAR OF TOMORROW

Honors an engineer, with three to seven years of experience, who has demonstrated outstanding technical performance and is recognized by his or her peers and superiors.

- » Honoree will demonstrate a commitment to excellence and exhibit the potential for becoming a strong leader within his or her organization.
- » Honoree will be a role model that demonstrates professionalism, integrity, dedication, and a commitment to mentoring and community service.
- » Nomination must include letters from employers, and certificates or awards earned at work and an updated resume.

MANAGER OF THE YEAR

Honors a manager, with five or more years of experience, who is recognized for professional excellence in leading an engineering team or group.

- » Recipient must have demonstrated innovative leadership in managing, inspiring, and motivating project teams, and promotes diversity in the work environment.
- » Nomination must include letters from immediate team or group.

INNOVATOR

Honors a scientist or engineer with innovative contributions to the fields of science and engineering.

- » Nominees actively create new paths in science research and technology, with the central goal of inventing breakthroughs and opening doors for others.
- » Honoree must have a minimum of one patent.

DIVERSITY MANAGER OF THE YEAR

Presented to a recipient who strives to ensure Hispanic advancement in job promotions, business development and community activities within an organization. The honoree supports and leads diversity and inclusion efforts in the workplace and champions diversity in the community.

CORPORATE ACHIEVEMENT

Presented to an individual with project, budget, and departmental responsibilities who has made significant accomplishments in the scientific, technical, or engineering arena within a corporation. The nominee must meet the following criteria:

- » Five or more years of experience in a technical field.
- » The nominee's department should have a technical basis.
- » Highly visible individual who has achieved great success within his or her organization.
- » Corporate executive who have gained the respect of his or her peers through outstanding technical expertise.

EDUCATORS OF THE YEAR

Recognizes the exemplary contributions made by administrators and faculty to improve the learning environment for Hispanic students in K-12 and higher education. Awards are presented at the K-12 level and college/university level.

- » K-12 nominees must be a math or science teacher at an accredited school in the United States or Puerto Rico, with a minimum of five years of teaching experience.
- » Higher education nominees must be tenure-track or tenured faculty or an administrator either at a two-year college or an ABET-accredited four-year college or university in the United States or Puerto Rico.
- » Both nominees must be a U.S. citizen or Legal Resident.

YOUNG INVESTIGATOR AWARD

Recognizes the exemplary contributions made by a young scientist or engineer who has contributed in outstanding and innovative ways to the progress of research in any field of science and engineering. The nominee must be 36 years of age or younger prior to November 1, 2019.



Adrian Cotton,
Diversity 2018 Winner



Mario A. Bolanos,
Corporate Achievement 2018 Winner

CHAPTER ADVISOR OF THE YEAR

The nominee must have a proven record of commitment and support to SHPE's mission and vision along with diligent support for the success and development of his or her chapter and its members. The award will be presented to an official chapter advisor who has demonstrated advocacy for STEM programs and aided the improvement of the five pillars of SHPE. The nominee must meet the following criteria:

- » Demonstrated support for the SHPE Advisors Program and its goals.
- » Advisor for their chapter for at least 1 year prior to nomination date.
- » Two examples of the nominees' contributions to the chapter during the current term.
- » Nominations must include letters from students or academic faculty.

COMPANY OF THE YEAR*

Recognizes a company's outstanding commitment to empower Hispanics through STEM awareness, access, support, and development; and their commitment to ensuring Hispanics are highly valued as influential leaders in STEM.

GOVERNMENT AGENCY OF THE YEAR*

Recognizes a government agency for its endorsement of STEM awareness, access, support, and development initiatives; and their commitment to ensuring Hispanics are highly valued as influential leaders of emerging technologies.

*Selected by a special leadership committee and not open to nominations.



Lockheed Martin,
Company of the Year
2018 Winner



U.S. Marines,
Government Agency of
the Year 2018 Winner

HIGHEST RECOGNITION |

Every year, SHPE pays special tribute to two additional Hispanics in STEM with these named awards. These honorees are selected by a special leadership committee and are not open to nominations.

THE RUBÉN HINOJOSA STEM CHAMPION AWARD



The Rubén Hinojosa STEM Champion Award honors community and philanthropic leaders with a proven legacy of passionately supporting Hispanics in STEM. They are champions for STEM initiatives within the Hispanic Community. The award was

named for retired Congressman Rubén Hinojosa, co-founder of Hispanic Engineering, Science, and Technology Week (HESTEC) and a longtime champion of Hispanics in STEM. Congressman Hinojosa was the first recipient of this new annual award.

Retired in 2017, Congressman Hinojosa (D-TX) distinguished himself for two decades as a strong advocate for education, healthcare, IT, infrastructure, energy, and economic development. Congressman Hinojosa was honored in 2014 in Washington, DC with the prestigious Hispanic Heritage Award for his long-standing commitment to strengthening the STEM education pipeline for Latinas and Latinos.



Dr. Theresa Maldonado accepted the award on behalf of Dr. Diana Natalicio



Dr. Diana Natalicio, The Rubén Hinojosa STEM Champion Award 2018 Winner

DR. ELLEN OCHOA AWARD

For Demonstrated Excellence by a Latina STEM Professional



Debuting this year, the Dr. Ellen Ochoa Award is reserved for a Hispanic female engineer or scientist who has made outstanding contributions in the fields of aerospace engineering including management, administration, technology, and education. Dr. Ellen Ochoa Award recipients demonstrate a commitment to excellence through their educational, professional, and technical achievements, as well as, a commitment to supporting the expansion of STEM education and achievement by others. They are role models whose example inspires others, especially Latinas, to reach for the stars, as Dr. Ellen Ochoa did when she became the first Latina to travel into space.

Dr. Ellen Ochoa became the first Hispanic woman in history to travel into space in 1993 aboard the space shuttle Discovery. She has flown in space a total of four times, logging nearly 1,000 hours in orbit. She is a member of the Astronaut Hall of Fame, currently serves as Vice Chair of the National Science Board, and has six public schools named for her.