2020 SHPE National Convention Highlights

A life-changing experience.
TEXAS A&M UNIVERSITY, COLLEGE STATION / UNDERGRADUATE STUDENT
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"The opportunities you can find there can be life changing!"

COLORADO STATE UNIVERSITY, FT. COLLINS / UNDERGRADUATE STUDENT
INTRODUCTION

Our first-ever virtual National Convention put our theme of “Ascend to Transcend” to the test and we passed with flying colors!

Though the COVID-19 global pandemic forced our move to a virtual event, ultimately we were able to move beyond the disappointment at not gathering in person and embrace the opportunities afforded to us by a convention not limited by location. We were able to strategically expand the schedule and build in more time for job seekers to connect with hiring organizations. For the first time ever, most of the educational sessions were recorded. And all of those recorded sessions are available for a full year on-demand.

The numbers in this report tell a story of massive participation and seamless execution, of connections made and achievements celebrated. And the feedback we received supports that story. Everyone involved ascended beyond their past experiences and transcended to meet the challenge of succeeding in a virtual environment.

A special thank you to our 2020 National Convention Planning Committee for their resilience and flexibility as the event evolved throughout the year.
CONVENTION DEMOGRAPHICS 2020

ATTENDEES
8,964

BY TYPE
- Undergraduate Members
- Exhibitor/Sponsor*
- Pre-College Members
- Graduate
- Professional Members
- Other (Leadership, Staff, Committee, Vendors)

*Includes many professionals

MEMBERS ONLY

MEMBERS ATTENDING BY REGION

BY TYPE
- Undergraduate Members
- Exhibitor/Sponsor*
- Pre-College Members
- Graduate
- Professional Members
- Other (Leadership, Staff, Committee, Vendors)

*Includes many professionals

MEMBERS ATTENDING BY REGION

BY TYPE
- Undergraduate Members
- Exhibitor/Sponsor*
- Pre-College Members
- Graduate
- Professional Members
- Other (Leadership, Staff, Committee, Vendors)

*Includes many professionals

MEMBERS ATTENDING BY REGION

YEAR IN SCHOOL
- Community College
- Freshman
- Sophomore
- Senior
- Junior

8,964
52%
5%
4%
5%
1%
52%
33%

1%
**UNDERGRADUATE MAJORS**

- Mechanical Engineering: 29%
- Computer Sciences & Engineering: 5%
- Electrical Engineering: 5%
- Chemical Engineering: 6%
- Industrial Engineering: 6%
- Civil Engineering: 10%
- Aerospace Engineering: 8%
- Biomedical Engineering: 6%
- Environmental Engineering: 6%
- Systems Engineering: 6%
- STEM - Other: 5%
- Other: 1%

**PROFESSIONAL INDUSTRIES**

- Manufacturing: 19%
- Defense/Security: 19%
- Technology: 14%
- Aerospace/Aviation: 9%
- Consumer Products: 7%
- Oil and Gas: 7%
- Energy: 4%
- Consulting: 4%
- Healthcare: 4%
- Automotive: 4%
- Agriculture & Farming: 4%
- Other: 4%

**ACTIVITY STATS***

- 95,625 Pre-screenings completed by applicants
- 72,879 Screening invitations sent
- 35,174 Screenings completed
- 13,767 Interviews/meetings planned
- 237 Interview Booths

**38 SCHOOLS REPRESENTED**

- Schools with 35+ students attending:
  - University of Florida
  - University of South Florida
  - University of Central Florida
  - University of Houston
  - Rutgers University
  - Florida International University
  - California State University, Los Angeles
  - Georgia Institute of Technology
  - University of Texas, Rio Grande Valley
  - Texas A&M University, College Station
  - University of Illinois, Urbana-Champaign
  - University of California, Los Angeles
  - University of California, Merced
  - University of Texas, Austin
  - University of Southern California
  - California State Polytechnic University, Pomona
  - City College of New York
  - University of California, Irvine
  - Purdue University, West Lafayette
  - Texas Tech University
  - University of Texas, El Paso
  - California Polytechnic State University, San Luis Obispo
  - Illinois Institute of Technology
  - University of California, San Diego
  - New Jersey Institute of Technology
  - Rensselaer Polytechnic Institute
  - University of Illinois, Chicago
  - University of Michigan
  - Arizona State University
  - Pennsylvania State University
  - Rice University
  - University of California, Berkeley
  - George Mason University
  - New York University
  - Virginia Tech
  - Massachusetts Institute of Technology
  - California State University, Fullerton
  - California State University, Fresno

**Demographics**

- 141 Corporate
- 64 University
- 16 Nonprofit
- 16 Government

*activity stats are estimated values.
WHY ATTEND

Reasons Why 2020 Attendees Would Recommend the Convention to Others

Excellent Networking Opportunities Available
Limitless Opportunities for Jobs/Internships
Beneficial Career Fair
Great Educational Content
Useful for Professional Development
Range of Quality Companies Available for Connections
Endless Opportunities Abound
Wonderful Sense of Community
Prepare in Advance
Well Organized

“I loved the virtual event this year! Even though it wasn’t what anybody had in mind when we think “convention,” I think it turned out for the better. The SHPE team really did some astonishing work to ensure that we all had a great convention.”

CASEY VAN DAM, D&I RECRUITMENT STRATEGIST / GENERAL MOTORS

“This convention has so much to offer and will change your life!”

EMBRY-RIDDLE AERONAUTICAL UNIVERSITY PRESCOTT CAMPUS / UNDERGRADUATE STUDENT
COMPETITION WINNERS

Cybersecurity Challenge

First Place | $2,000

Roberto Pineda Maldonado,
George Mason University

Tomas Ruiz
Michigan State University

Lucca Salgueiro
University of South Florida

Emmanuel Hernandez
University of Houston

Michael Washington
Boston University

Second Place | $1,250

Gonzalo Martinez
University of Notre Dame

Third Place | $750

Jonathan Saenz
Texas A&M, College Station

Abraham Sanchez
Texas A&M, College Station

Alexander Gomez
Texas A&M, College Station

Jonathan Gaytan
Texas A&M, College Station

Francisco Rangel
University of Texas, Rio Grande Valley

Engineering Science Symposium

Grand Prize Winner | $1,000

Ada Tadeo
Bachelor’s Degree
California Polytechnic State University, San Luis Obispo

Luis Obispo
Functionality of the Gracilis Collateral is Impaired Following Arteriogenesis

Winner - Innovaciones Category | $560

Brandon Stoyanovich
Bachelor’s Degree
Rochester Institute of Technology

Low Cost, Environmentally Protic Ionic Liquids as Lubricants and Lubricant Additives

Winner - Mejorando Category | $560

Grissel Cervantes
Doctoral Degree (including combined MS/PhD)
Massachusetts Institute of Technology

Suppression of the Ubiquitin Ligase Function of FBXW7 Induces Metastatic Progression of Pancreatic Ductal Adenocarcinoma

Winner - Mejorando Category | $560

Mariana Vasquez
Doctoral Degree (including combined MS/PhD)
Duke University
Ammonium and phosphate removal from real blackwater using silicate-based minerals
It is a great way to actually get your foot in the door.

VIRGINIA COMMONWEALTH UNIVERSITY / UNDERGRADUATE STUDENT

Winner - Modernizacion Category | $560

Alberto Gonzalez Campos
Master’s Degree
Case Western Reserve University
Design and Experimentation of Darrieus Vertical Axis Wind Turbines

Honorables Mentions | $100

Alejandra Leija
Bachelor’s Degree
California State University, Fresno
Shape Memory Alloy Blood Pressure Measuring Device

Erik Barbosa
Bachelor’s Degree
Brigham Young University
Molten Salts Thermal Conductivity Sensor

Antonio Bu Sha
Bachelor’s Degree
Rutgers University
Big Data Analysis on How Protein-DNA Interactions Impact Nucleosome Folding

Christian Bustillos
Post-Doctoral or other Institutional Appointment
Lawrence Livermore National Laboratory
Radioolytic Degradation of Solvents in the Actinide Lanthanide Separation Process for Nuclear Waste Treatment

Winner - Revoluciones Category | $560

Joana Sipe
Doctoral Degree (including combined MS/PhD)
Duke University
Solving Plastic Pollution: Can we predict how our plastic products will break down?

Diego Chachayma
Doctoral Degree (including combined MS/PhD)
The University Of Texas At Austin
Material Engineering for Wide Angle, Ultrawideband and Thin Impedance Matching of Antenna Arrays

Luis Ramirez
Bachelor’s Degree
University of California, Irvine
3D Printer Emergency Ventilator Alternatives

Yakira Mirabito
Doctoral Degree (including combined MS/PhD)
University of California, Berkeley
The Role of Idea Fluency and Timing on Highly Innovative Design Concepts

Extreme Engineering

Extreme Engineer | $2,000

Monne’t Williams, Mechanical
University Of Central Florida | Pink Team

Lead Engineers | $1,500

Amiana Attaguile
Mechanical, Texas A&M University - College Station | Yellow Team

Yolanda Reyes
Computer, American River College | Red Team

Andrea Rivera
Aerospace, Texas A & M University - College Station | Green Team

Eduardo Abrams
Chemical, University Of Houston | Black Team
Innovation Challenge

First Place | $3,500
Team UV-Sav
Lihuen Munoz
Aerospace Engineering, Houston Community College
Beatriz Lara
Mechanical Engineering, Texas A&M University
Kevin Andrade
Mechanical & Aerospace Engineering, Princeton University

Second Place | $2,000
Team Drone Fi-Pre
Diego Chachayma
Electrical Engineering, University of Texas, Austin
Ulysses Ortegon
Manufacturing Engineering, Texas State University
Samantha Parreno
Mechanical Engineering, California State University, Long Beach

Third Place | $1,500
Team Traceability
Roberto Kupps
Electrical & Computer Engineering, University of Arizona
Monica Leon
Integrated Digital Media, New York University
Mario Reyes
Computer Science, University of California, Santa Cruz
Aaron Tanvir
Petroleum Engineering, University of Houston

Extreme Team | $6,400
Purple Team Engineers
Nico Alfaro
Mechanical, San Jose State University
Brenda Enriquez
Computer, George Mason University
Christopher Jimenez Ortega
Mechanical, University of California - Merced
Andrea Lastra
Mechanical, University of Houston
Kimberly Laynes
Electrical, University of North Florida
Nylan Pierre
Software, University of Florida
Diego Saborio
Mechanical, University of North Florida
Eduardo Terriquez
Mechanical, California State Polytechnic University - Pomona

Nico Alfaro
Mechanical, San Jose State University
Brenda Enriquez
Computer, George Mason University
Christopher Jimenez Ortega
Mechanical, University of California - Merced
Andrea Lastra
Mechanical, University of Houston
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Mechanical Engineering, California State University, Long Beach

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Electrical & Computer Engineering, University of Arizona
Monica Leon
Integrated Digital Media, New York University
Mario Reyes
Computer Science, University of California, Santa Cruz
Aaron Tanvir
Petroleum Engineering, University of Houston

This is the best event for Latinx.
OREGON PROFESSIONAL
**Nissan Design Challenge**

Sponsored by Nissan

<table>
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<tr>
<th>First Place</th>
<th>$10,000</th>
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<tbody>
<tr>
<td>Team Echo</td>
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<tr>
<td><strong>Hrithik Das</strong></td>
<td>Computer Engineering, General, California State University, Northridge</td>
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<tr>
<td><strong>Fernando Sarmiento</strong></td>
<td>Mechanical Engineering, Arizona State University</td>
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<tr>
<td><strong>Matheen Moghbel</strong></td>
<td>Mechanical Engineering, University of Oklahoma</td>
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<table>
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<tr>
<th>Second Place</th>
<th>$5,000</th>
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<tr>
<td>Team Firefly</td>
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<tr>
<td><strong>Rosa Cortes Mejia</strong></td>
<td>Mechanical Engineering, California State University, Los Angeles</td>
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<tr>
<td><strong>Miguel Angel Garcia Jara</strong></td>
<td>Chemical Engineering, University of Colorado, Boulder</td>
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<tr>
<td><strong>Stevan Gallegos</strong></td>
<td>Mechanical Engineering, SHPE Region 5 at Large, Student</td>
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<table>
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<tr>
<th>Third Place</th>
<th>$2,500</th>
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<tr>
<td>Team Hit the Rotors</td>
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<tr>
<td><strong>Linda Pucurimay</strong></td>
<td>Electrical Engineering, Princeton University</td>
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<tr>
<td><strong>Hector Guillen</strong></td>
<td>Mechanical Engineering, California State University, Fresno</td>
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<tr>
<td><strong>Eduardo Carnero Rosillo</strong></td>
<td>Aerospace Engineering, New Mexico State University</td>
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You can really benefit by networking with people who have already walked the journey you intend to walk on.

OLD DOMINION UNIVERSITY / UNDERGRADUATE STUDENT
CONFERENCE SESSIONS

The SHPE National Convention is divided into five conferences from Pre-College for high school students through to Professionals in STEM for early professionals with special conferences designated for Latinas and for those interested specifically in technology and innovation. Attendees are welcome to create their own schedule depending on their interests.

Below is a list of session titles organized by conference.

**Academic Conference**

*Undergraduate students from both community colleges and four-year institutions, graduate students, advisors, faculty, and administrators gain valuable resources and networking opportunities.*

**Community College Track**
- Dream Big - Remaining Agile in the Era of Rapid Change
- Manage Your Roadmap From Community College Through University to Professional Employment

**Undergraduate Track**
- 20/20: Visual Storytelling to Examine Bias Presented by JPMorgan Chase
- 5G and Need for Engineering Innovation Presented by Verizon
- 5G Network: Why Is This Simply Not Another G? Presented by Bechtel Corporation
- A Day in the Life of a Ford Motor Company Engineer Presented by Ford Motor Company
- A HardHat and Workboots is a World Full of Opportunities Presented by Turner Construction
- A Leader’s Guide to Embracing Change Presented by American Express
- A.I. Special Ops: Deep Machine Learning Applications Presented by General Dynamics Mission Systems
- An Introduction to the American Petroleum Institute and its Standards Library American Petroleum Institute
- Applying Feedback for Success Presented by Goldman Sachs & Co
- Big Data + Data Science = Big Value Presented by Chevron
- Brand ME in a Virtual World Presented by BP
- Breaking the Glass Ceiling Presented by Air Products & Chemicals Inc.
- Bringing Engineering to Life With Augmented & Virtual Reality Presented by 3M
- Cloud Observability, Engineering Principles in Action Presented by Discover
- Convention Readiness Workshop Sponsored by Chevron
- Conversational AI Presented by Discover Financial Services
- Create, Prototype, Deliver: A Career at MIT Lincoln Laboratory Presented by MIT Lincoln Laboratory
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<thead>
<tr>
<th>Session Title</th>
<th>Presenter/Company</th>
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<tbody>
<tr>
<td>Creating and Sustaining a Culture of Accountability (COA) for SHPE Chapter</td>
<td>Lockheed Martin</td>
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<td>Leaders Presented by Lockheed Martin</td>
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<tr>
<td>Creating Your Resume Presented by Google</td>
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<td>Cummins: 100 Years of Trust Presented by Cummins Inc.</td>
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<tr>
<td>Cyber Security Subject Matter Experts vs Engineering Manager – Ascending</td>
<td>Raytheon Technologies</td>
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<td>in the Career Jungle Presented by Raytheon Technologies</td>
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<tr>
<td>Data Driven Mentorship and Managing for Non-Managers Presented by Autodesk</td>
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<tr>
<td>Disrupt to Transcend: Disruptive Technology in the World of Innovation</td>
<td>3M</td>
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<td>Presented by 3M</td>
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<tr>
<td>DREAMers – Meaningful Careers With or Without DACA</td>
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<td>Embarking Into Your Career with Uber Sponsored by Uber</td>
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<tr>
<td>Emotional Intelligence VS Technical Ability Presented by GE</td>
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<tr>
<td>Epic Fails: An Insider’s Guide of What Not To Do…If You Want To Get the Job</td>
<td>Huntington Ingalls Industries</td>
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<td>Presented by Huntington Ingalls Industries</td>
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<td>Financing Your Graduate Education: Grants, Scholarships, and Fellowships</td>
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<tr>
<td>Generation: Take Charge Presented by Northrop Grumman Corporation</td>
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<tr>
<td>Graduate Degree Careers at 3M</td>
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<td>Hispanic Perseverance Presented by NASA/JPL</td>
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<td>Honing Your Professional and Interpersonal Skills Presented by The Boeing</td>
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<td>Company</td>
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<tr>
<td>How Can I Improve My Leadership Skills To Maximize My Career? Presented by</td>
<td>Kimberly Clark Corporation</td>
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<td>Eaton</td>
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<td>How COVID-19 Is Changing Corporate America Presented by Ford Motor Company</td>
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<td>Influential Leadership Presented by America’s Navy</td>
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<td>Innovation Challenge Bootcamp: Build Low-Code Apps with Microsoft Power Apps</td>
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<td>Innovation Challenge Bootcamp: Design Thinking</td>
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<td>Innovation Challenge Bootcamp: Intro to Coding</td>
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<td>Interviewing Skills 101</td>
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<td>Introduction to Agile Presented by Raytheon Technologies</td>
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<td>IT in a Non-Tech Company Presented by Air Products &amp; Chemicals Inc.</td>
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<td>Leadership Salsa</td>
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<td>Level Up Your Resilience with Energy Leadership Presented by American Express</td>
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<td>MakerSpace of Supply Chain Solutions Presented by P&amp;G</td>
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<td>Making a Sustainable Impact with HP Inc. Presented by HP Inc.</td>
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<td>Managing Our Unconscious Bias Through Diversity and Inclusion Presented by</td>
<td>DuPont</td>
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<td>McKinsey &amp; Company</td>
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<td>Navigating Ambiguity: Pathways to Google Panel Presented by Google</td>
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<td>Our Innovation Story Presented by Intel</td>
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<td>Owning and Managing your Career in a Dynamic World Presented by USAA</td>
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<td>Personal Values and Ethics in the Workplace Presented by Eaton</td>
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<td>Power of Resiliency - Design Your Systems To Be Inherently Resilient For</td>
<td>JP Morgan Chase</td>
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<td>Continued Business Operations Presented by JP Morgan Chase</td>
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<tr>
<td>Put a WOW in Your Presentations How to Design, Develop, and Deliver Powerful</td>
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<tr>
<td>Presentations Presented by Lockheed Martin Corporation</td>
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2021 National Convention
• Quantum Technology: Why Not? Presented by IBM Corporation
• Quien Eres y Que Haces? Personal Brand: Claim It and Show It While Navigating Career Success Presented by Rockwell Automation
• SHPETina Sweat Wellness Moments
• Social Investment - Making Sure a Company is the Right Fit for You Presented by General Motors
• STEM to Business Presented by Goldman Sachs
• Stepping Up to Serve Consumers and Communities Presented by P&G
• Success Factors for a Global Career in Engineering Presented by Bechtel
• Successful High-Tech Career: How To Navigate Presented by Intel
• Sustainability and You! Science for a Sustainable World Presented by Dow
• The Backwards Career Path Presented by Eaton
• The Code Running GM Presented by General Motors
• The Role Engineer’s Play in Stopping Insider Threat Presented by General Dynamics Mission Systems
• The STEM Workforce of the Future Presented by Cummins Inc.
• The Ultimate Formula for Interview Success Presented by Accenture
• The Workforce of the Future: Must-Have Skills in the Post-Digital Era Presented by Accenture
• Unlock Your Potential: Guide to Transformational Leadership Presented by Dow

• Verizon SON: Self-Optimizing Networks, The Need for Innovation and Automation Presented by Verizon
• Virtual Interview Coming Up Soon? Here Are a Few Best Practices Presented by John Deere
• Welcome to the Sun and Beyond, a Diverse NASA Story, Featuring a Panel of Scientists and Engineers from NASA Goddard Presented by NASA
• When Tech Steps Up to Match a WW Emergency: IBM’s 2020 Experience Presented by IBM Corporation
• You Can Be What You Can See: Success Stories From the 2020 Workplace Presented by BAE Systems Inc.
• You Can Have It All Presented by Honeywell
• You Landed the Interview, Now What? Presented by Texas Instruments

Graduate Track
• Becoming a Competitive Applicant for Graduate School: Dos and Don’ts
• Effective Communication for Engineers: Effectively Disseminating Your Work Product and Ideas
• Graduate School: What Is It Really Like?
• Graduate Track Kickoff: Meet our Sponsors - Sponsored by Penn State College of Engineering, 3M, and Exponent Inc.
• My Journey to a Faculty Position
• Perspectives From PhDs Working in Startups, Industry and Government
• Selecting the Best Graduate Program: Masters vs Doctoral

The biggest perk is that this convention is geared towards empowering the Hispanic community, which you cannot find easily in any STEM convention.

UNIVERSITY OF ARIZONA / UNDERGRADUATE STUDENT
Diversity & Inclusion Track
• Allyship: Disrupt the Status Quo Presented by SHPE with Prospanica
• Coming Out for Allyship & Inclusion - Sponsored by Texas Instruments
• Including the Full SHPE Familia

Advisor Track
• Advisor’s Roundtable
• Best Advising and Mentoring Practices for SHPE Chapter Advisors
• Career Development Goals for Advisors
• Closing the Gaps Between Students and Advisors In A Virtual World

Professionals in STEM Conference
Delivers sessions and workshops to benefit our professional members from entry-level engineers to those transitioning to mid-level managers.

My SHPEStory: Authenticity and Conformity in the Workplace

Intellectual Property Summit
• Taking Your Expertise Beyond the Job Presented by HNBA
• Becoming a Patent Practitioner Presented by HNBA

Trending Topics Panels
• Collaborating In A Virtual World
• How to Leverage Transferable Skills
• NextGen ERGs Toward Greater Alignment With Talent Management and Social Justice
• The Art of Self-Promotion and Visibility

Entrepreneurship Track
How to Become an Angel Investor
How to Launch Your Side Hustle

SHPEtinas: Igniting Latinas in STEM Conference
Strives to accelerate Latina representation at all levels of corporate and academic STEM leadership while simultaneously affirming Latina identity.

• Growing, Giving, and Staying at GS Sponsored by Goldman Sachs
• SHPEtinas Experienced Professionals Panel Sponsored by Lockheed Martin, Raytheon Technologies, 3M
• SHPEtinas Networking Event Sponsored by Chevron
• SHPEtinas Tech Talk Climbing Your Way to Patent Success! Sponsored by General Dynamics
• SHPEtinas Celebrating 10 Years! Sponsored by Intel
• SHPEtinas Early Career Panel - Sponsored by Lockheed Martin, Qualcomm, Jacobs
• SHPETinas Leaders “Breakfast” Sponsored by Accenture
• SHPETinas Spotlight Series Sponsored by Lockheed Martin, Merck & Company, NSA and The Boeing Company
• Unlocking Your Authentic Self Sponsored by Lockheed Martin

**Technology & Innovation Conference**
*Designed to shine a spotlight on cutting edge STEM technology and how SHPE members utilize technology for maximum impact.*

**Tech Talks**
- Airplane Design For A Sustainable Future Presented by The Boeing Company
- Cybersecurity Data Science: Tracking and Analyzing Risk Presented by Discover
- How It’s Made! Presented by GE
- The Future of Air Taxi & Air Package Delivery Is NOW Presented by Honeywell
- USAA’s Live Tutorial: Build Your Own API Enabled Endorsement Portfolio Website Presented by USAA

**Pre-College Conference**
*Delivers a virtual experience for high school students to explore STEM and for parents to increase their understanding of STEM opportunities.*

- Life in College Sponsored by American Petroleum Institute
- Seminar for Parents Sponsored by American Petroleum Institute (in English and Spanish)
- The Truth About STEM Professionals Sponsored by The Boeing Company
- SHPEscape Room Challenge

Many insightful workshops that provided participants with knowledge and the tools needed to succeed.

REGION 1 AT LARGE / PROFESSIONAL
STAR AWARD WINNERS

These prestigious awards honor outstanding professionals for their dedication, commitment, and selfless efforts to 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 programs.

SHPE recognized its 2020 SHPE Technical Achievement and Recognition (STAR) Award recipients during two ceremonies on Wednesday, October 28 and Thursday, October 29.

COMPANY OF THE YEAR
Raytheon Technologies

GOVERNMENT AGENCY OF THE YEAR
The California State University

HISPANIC ERG OF THE YEAR
Northrop Grumman Corporation
One Adelante ERG

JAIME OAXACA AWARD
Dr. Francis J. Samalot
The Boeing Company

DR. ELLEN OCHOA AWARD
Juanita Leal
The Boeing Company

COMMUNITY SERVICE AWARD
Esneyder Ospina
Verizon

CORPORATE ACHIEVEMENT AWARD
Jesse A. Ortega
General Motors

DIVERSITY AWARD
Maricela Alberto
Qualcomm

EDUCATOR OF THE YEAR - HIGHER EDUCATION
Dr. Adeeba A. Raheem
University of Texas at El Paso

EDUCATOR OF THE YEAR - K-12
Sonymarie Socarrás
Colegio Mater Salvatoris

HISPANIC IN TECHNOLOGY AWARD - GOVERNMENT
Dr. Angel Flores
Air Force Research Laboratory

INNOVATOR AWARD
Dr. -Ing. David I. Gonzalez-Aguirre
Intel Corporation

MANAGER OF THE YEAR
Enrique Riojas
John Deere

PROMISING ENGINEER AWARD
Osvaldo Bianchi
JP Morgan Chase & Co.

SHPE STAR OF TODAY
Crystal E. Ramón-Miranda
Chevron
SHPE STAR OF TOMORROW  
Laura M. Lara Rodriguez  
3M

YOUNG INVESTIGATOR AWARD  
Dr. Jennifer Lopez  
Air Force Research Laboratory

PROFESSIONAL ROLE MODEL - REGION 1  
Zoraida Martinez  
Foster Farms

PROFESSIONAL ROLE MODEL - REGION 2  
Emily Anne Vargas  
University of Southern California

PROFESSIONAL ROLE MODEL - REGION 4  
Juan D. Valentin II  
U.S. Patent & Trademark Office

PROFESSIONAL ROLE MODEL - REGION 5  
Manny De La Cruz  
ExxonMobil

PROFESSIONAL ROLE MODEL - REGION 6  
Manuel G. Millan Rodriguez  
Rockwell Automation

STUDENT ROLE MODEL - REGION 1 UNDERGRADUATE  
Mariela Hernandez  
University of California, Berkeley

STUDENT ROLE MODEL - REGION 3 GRADUATE  
Luz D. R. Sotelo  
University of Nebraska - Lincoln

STUDENT ROLE MODEL - REGION 4 UNDERGRADUATE  
Marvin Rios  
Rensselaer Polytechnic Institute

STUDENT ROLE MODEL - REGION 5 UNDERGRADUATE  
Isela Rivera Andrade  
Louisiana State University

SHPE offers a vast variety of opportunities for people who are a part of marginalized communities. No matter where you are, SHPE treats you like familia.

UNIVERSITY OF CALIFORNIA, MERCED / UNDERGRADUATE STUDENT
CHAPTER AWARD WINNERS

Student Chapter Awards

Large
University of Illinois, Urbana-Champaign

Medium
University of California, Santa Barbara

Small
Southern Methodist University

Region 1
San Francisco State University

Region 2
Embry-Riddle Aeronautical University, Prescott Campus

Region 4
Carnegie Mellon University

Region 5
Texas A&M University, College Station

Region 6
Case Western Reserve University

Region 7
University of Central Florida

Most Improved Chapter
University of Pittsburgh

Outstanding Professional Development
University of California, Irvine

Outstanding Leadership Development
Rensselaer Polytechnic Institute

Outstanding Chapter Development
University of Houston

Outstanding Outreach Development
San Jose State University

Outstanding Academic Development
Illinois Institute of Technology

*Region 3 N/A
CHAPTER AWARD WINNERS

Professional Chapter Awards

Large
Los Angeles

Medium
Delta Valley

Small
Fresno

Region 1
San Francisco Bay Area

Region 2
South Bay Los Angeles

Region 4
New York City

Region 5
Dallas

Region 6
Chicago

Region 7
Central Florida

Outstanding Leadership Development
Houston

Outstanding Outreach Development
Fort Worth, TX/ Lockheed Martin

*Region 3 N/A
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3M
Graduate Track Co-Partner - University
Penn State
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National Security Agency
Resume Room Premier Partner
Lockheed Martin

SHPE Students & Professionals Mentoring
Panel & Networking
Lockheed Martin
Capital One
Uber
Convention Readiness Session
Chevron

SHPEinas: Igniting Latinas in STEM
Conference
SHPEtinas Luncheon
Intel

SHPEtinas Networking Event
Chevron

SHPEtinas Leader Breakfast
Accenture

I have seen other conventions go about this in a different way that is not as efficient and enjoy SHPE the most!

UNIVERSITY OF TEXAS, AUSTIN / UNDERGRADUATE STUDENT
SHPEtinas Session
3M

SHPEtinas Session
Goldman Sachs

SHPEtinas Session
Lockheed Martin

SHPEtinas Session in Collaboration with Innovation and Technology Conference
General Dynamics

SHPEtinas T-Shirts
Lockheed Martin

SHPEtinas: Cafecito con SHPEtinas Networking
Starbucks

SHPEtinas: 4 STEM Leaders: Where Are They Now? 0-5
Lockheed Martin

SHPEtinas: 4 STEM Leaders: Where Are They Now? 0-5
Qualcomm

SHPEtinas Learning Session “On Demand”
Uber

SHPEtinas: 4 STEM Leaders: Where Are They Now?
Jacobs
Lockheed Martin
Raytheon Technologies
3M

Empowering Latinas in STEM SHPEtina Spotlight Series
Lockheed Martin

Empowering Latinas in STEM SHPEtina Spotlight Series
Merck
National Security Agency
The Boeing Company

Technology & Innovation Conference
Cybersecurity Challenge
National Security Agency

Tech Luncheon
Dropbox

Extreme Engineering Competition Team
Raytheon Technologies
General Motors

Professionals in STEM Conference
Professionals Learning Session “On Demand”
American Petroleum Institute

Professionals Networking Lounges Sponsor
Lockheed Martin

Special Events
High Achievers Breakfast
Exxon Mobil Corporation

Chapter Presidents’ Breakfast
Air Force STEM

STAR Awards Speaking Opportunity
America’s Navy

C-Suite Panel/Fireside Chat
FCA
Jacobs
Wells Fargo

Latinas Executive Leaders Panel/Fireside Chat
The Boeing Company
Wells Fargo

Sponsor Spotlight Sessions/Individual Workshops
Autodesk
Capital One

Opening Ceremony
3M

Closing Ceremony
American Petroleum Institute
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