SHPE
Leading Hispanics in STEM

San Diego Professional

BD

October 15th, 2026
5:30 pm - 8:00 pm

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Please Scan & Sign-In

bitly

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Agenda

- 5:30 PM - 6:00 PM Welcome , Service Center Tour
- 6:00 PM - 6:10 PM Kickoff, SHPE SD Board Introduction
- 6:10 PM - 6:15 PM Official Event Photo
- 6:15 PM - 6:30 PM BD Overview
- 6:30 PM - 7:00 PM SHPE SD Board organizational updates and student updates
- 7:00 PM - 7:45 PM Professional Development
- 7:45 PM - 8:00 PM Event’s closure
- 8:00 PM - 8:45 PM Networking!!!

Overview of BD Business Segments

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BD Products

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BD Pyxis™ Pro Dispensing Solution

BD Pyxis™ Pro Dispensing Solution is the next-level automated dispensing system that combines enhanced capacity, security, durability and AI-powered analytics



HemoSphere Alta™ Monitor

HemoSphere Alta™ Monitor is designed to help you detect hemodynamic instability before it occurs—so you can stay ahead of critical moments.



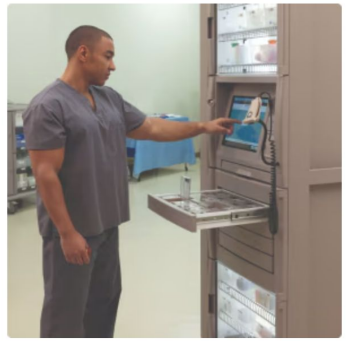
VitaWave™ Plus System

VitaWave™ Plus System provides noninvasive, continuous blood pressure monitoring to your bedside monitor.



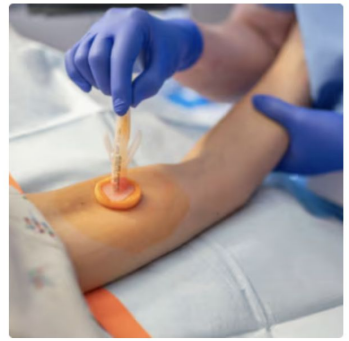
PureWick™ External Catheter Portfolio

Female and male external catheter options for non-invasive urine output management.



BD Pyxis™

Enhance medication availability while increasing security and control of medications and supplies with a comprehensive system of automated dispensing solutions and pharmacy technologies across your healthcare system.



BD ChloraPrep™ Applicators with Sterile Solution

Leading the way in effective pre-op skin prep.

BD Business Segments & Core Capabilities

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Our Company

BD is one of the world's largest pure-play medical technology companies with a Purpose of *advancing the world of health*™ by driving innovation across medical essentials, connected care, biopharma systems and interventional. The company supports those on the frontlines of healthcare by developing transformative technologies, services and solutions that optimize clinical operations and improve care for patients. Operating across the globe, with more than 60,000 employees, BD delivers billions of products annually that have a positive impact on global healthcare. By working in close collaboration with customers, BD can help enhance outcomes, lower costs, increase clinical efficiency, improve safety and expand access to healthcare.

BD Business Segments & Core Capabilities

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Advancing the World of Health™ Across the Continuum of Care

- **Medical Essentials:** Foundation of healthcare delivery, producing billions of safe medication administration and diagnostic devices annually.
- **Connected Care:** Driving efficiency and clinical insight using millions of AI- and automation-enabled smart devices.
- **BioPharma Systems:** Partnering with biopharma leaders to advance biologics and drug–device delivery solutions.
- **Interventional:** Delivering advanced surgical, endovascular, and critical care solutions for high-burden chronic conditions.

Medical Essentials Segment

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Delivering Quality, Reliability, and Continuous Innovation at Scale

BD

- **Content / Key Focus:**
  - Forms the foundational core of global healthcare delivery, manufacturing billions of critical medical devices each year.
  - Focused on ensuring safe medication administration and accurate diagnostic workflows.
  - Drives improved clinical and patient outcomes across all points of care.

- **Business Units:**
  - Medication Delivery Solutions
  - Specimen Management



Connected Care Segment

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Transforming Patient Care Through Automation, AI & Advanced Analytics

BD

- **Content / Key Focus:**
  - Leverages millions of connected, intelligent devices to digitize and streamline care delivery.
  - Powers clinical decision-making and operational efficiency across health systems.
  - Unlocks new growth opportunities through data-driven insights and workflow optimization.
- **Business Units:**
  - Medication Management Solutions
  - Advanced Patient Monitoring



BioPharma Systems Segment

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Pioneering the Future of Biologics & Drug–Device Delivery

BD

- **Content / Key Focus:**
  - Combines deep drug–device expertise with industrial manufacturing scale.
  - Supports high-growth therapeutic areas, including GLP-1 drug delivery systems.
  - Partners with biopharmaceutical leaders to accelerate launch timelines, ensure reliability, and improve patient adherence.

- **Business Unit:**
  - Pharmaceutical Systems
-



Interventional Segment

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Innovative Interventions for Chronic and High-Burden Conditions

BD

- **Content / Key Focus:**
  - Develops specialized medical technologies to treat complex chronic diseases and surgical conditions.
  - Targets major health challenges, including urinary incontinence, peripheral vascular disease, cancer, and tissue repair.
  - Focuses on transforming clinical practice and elevating long-term patient outcomes.



- **Business Units:**
  - Urology and Critical Care
  - Peripheral Intervention

Interventional Segment

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Innovative Interventions for Chronic and High-Burden Conditions

BD

- **Careers: https://jobs.bd.com/en**









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SHPE SD PROFESSIONAL CHAPTER UPDATE

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.

OFFICERS

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Join the board!

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We are looking for volunteers to fill our **open director roles**.

Build your leadership skills, support our programs, and make an impact in our community!

Scan the QR code to visit our Linktree and volunteer!

-Director of Mentorship
-Director of Fundraising
-Director of Communications

SHPE SD Linktree

Event Photo!

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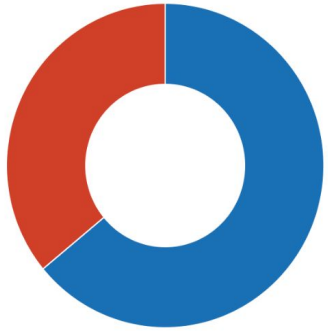
SHPE BY THE NUMBERS

19,724 National Members

182 San Diego Prof. Members

National Metrics Shown:
October 2024

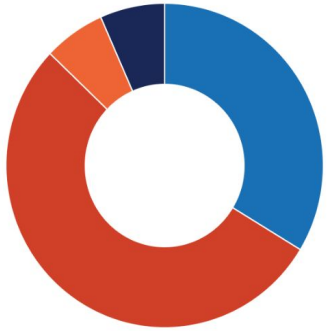
Gender Breakdown



64% male

36% female

Membership Type



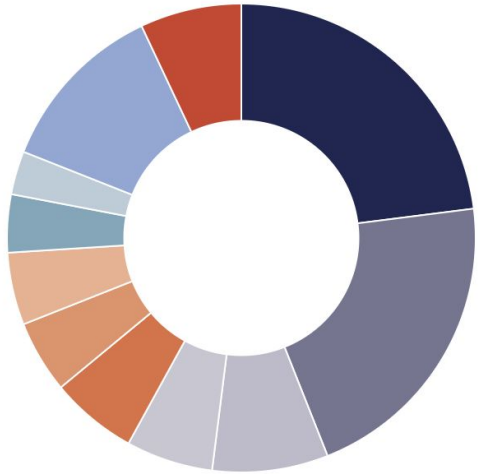
6,643 professional members

10,544 undergraduate members

1,236 graduate members

1,301 junior members

Major/Industry Breakdown



23% computer sciences
21% mechanical engineering
8% electrical engineering
6% civil engineering
6% computer engineering, general
5% aerospace, aeronautical &astronautical engineer
5% biomedical/medical engineering
4% industrial engineering
3% chemical engineering
12% other stem
7% other non-stem

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NATIONAL CHAPTERS

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314
Total Chapters

212
Student Chapters

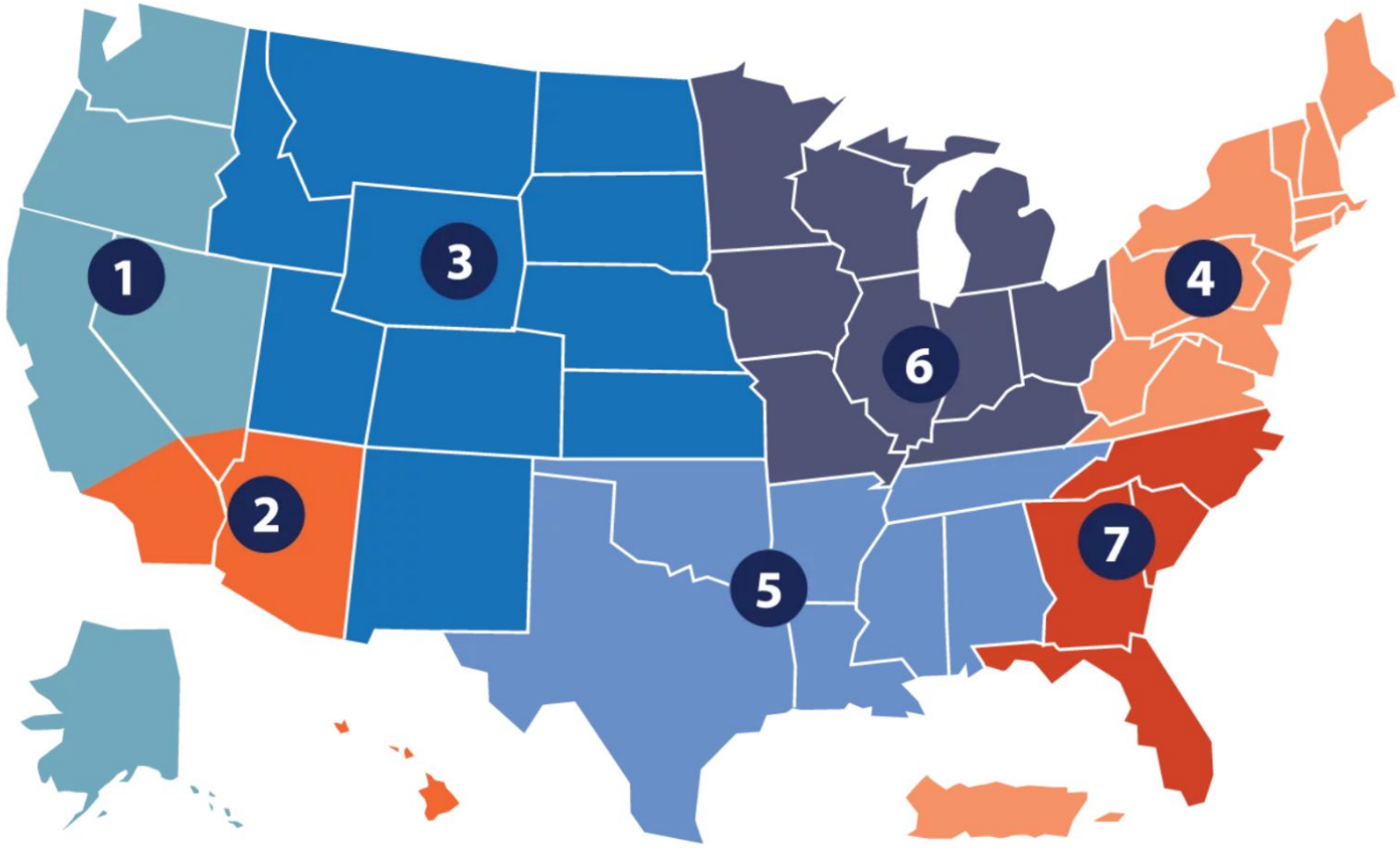
78
Professional Chapter

24
Junior Chapters

By Region

BY REGION

Click on the regions on the map to bring up more information.



Goals for 2026-2027

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Organizational Goals

- To provide Quality Professional Development Workshops and Content
- To provide a Network that is both professional and social
- To provide support to all Student Chapters (High School to University)
- To foster the growth of the SHPETinas in ShPE San Diego Profesional
- To partner with similar organizations for larger impacts to our community
  - Society of Women Engineers - SWE
  - LatinaGeeks
  - Latinas in Tech - San Diego
  - National Society of Black Engineers - NSBE
- To ensure all members are fully informed and aware of all organizational activities

Is This Your First SHPE San Diego GBM?

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If you're attending for the first time, please raise your hand!

Welcome to the SHPE San Diego familia

—we're glad you're here!

SHPE San Diego Regulars

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If you're consistently attending our events,

then you are our VIP!!

Please stand up!!

—we're delighted you're back with us!

Become a SHPE Member

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- https://www.shpeconnect.org/
  - Be sure to indicate Region 2
  - San Diego Professional or your student chapter
- Why Become a Paid Member
  - Be a part of one of the largest Hispanic STEM Related Organization
  - It is a network you can leverage
    - Ask for support or provide support
  - Lastly, unlocks membership benefits at the National Level
    - www.shpe.org

SHPE SD Linktree

SHPE Junior: $0/year
Undergraduate Membership: $10/year
Graduate Membership: $15/year
Professional Membership: $65/year (new college grads get first year free renewal)
Associate Membership: $55/year
Lifetime Professional & Associate Membership: $1,000 one-time-fee
SHPE/Society of Women Engineers Joint Membership

Upcoming Events

SWE x SHPE x NSBE Halloween Social

October 24th | RICK | 4:30PM

SHPE National Convention

October 28th-31st | Indianapolis

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SHPEtinas Update

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SHPEtinas Goals

- Create a welcoming and supportive environment for SHPEtinas to collaborate, network, and share experiences
- Empower women, build connections, and foster community

Speakership Volunteer Sign-Up

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🌟 Calling All Professionals! 🌟

Our SHPE student chapters often request guest speakers for their meetings and events. Some years we receive many requests, and other years fewer—but we'd love to keep a list of professionals who are interested in 2026-2027 speaking opportunities.

If you'd like to inspire the next generation of STEM leaders by sharing your career journey, technical expertise, or professional advice, please sign up! We'll reach out if an opportunity arises.

Thank you for supporting our students and helping us build a strong SHPE familia!

SHPE SD Linktree

Chapter Updates

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- USD, SDSU, UCSD, SWC, Mesa
- Students must submit 2 slides before meeting date to present

Link to submit slides

SHPE Fall 2026 Calendar

- ~~September 9th - SHPE 101~~
- ~~September 23rd - Professional Career Panel/ NG~~
- ~~October 7th - General Dynamics~~
- ~~October 8th - Mock Interview/ Resume Workshop~~
- ~~October 14th - SHPEtinas Social~~
- October 21st - Qualcomm
- October 17th - Beach Cleanup @Imperial Beach
- **October 28th - November 1st- SHPE National Convention (Indiana)**
- November 4th - Rick Engineering
- November - Pickleball Social w/ ASME
- November - SHPE Mesa College panel
- November 18th - Tandem (tentative)





Yogurtland Fundraiser - 10/22

Yogurtland

FUNdraiser

Benefiting

Society of Hispanic Professional Engineers

THURSDAY, OCTOBER 22

ALL DAY

6165 El Cajon Blvd

San Diego, CA



GBM #1 Recap

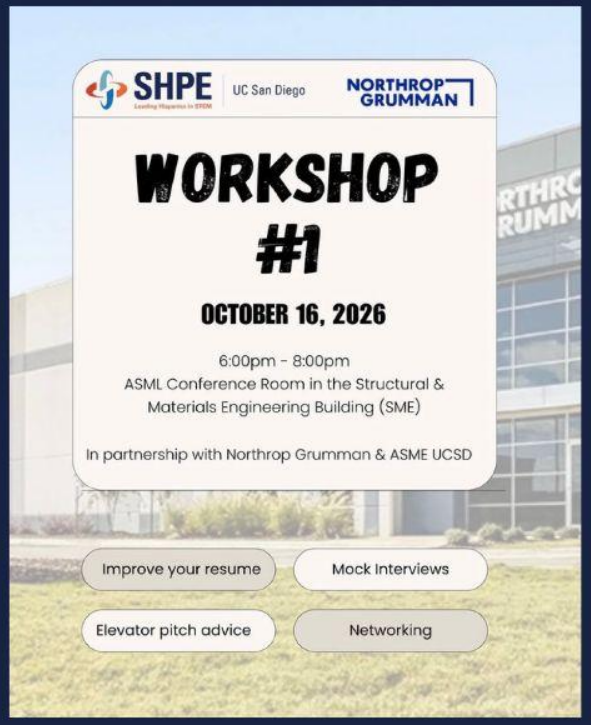
UC San Diego x San Diego Professional



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UC San Diego

Upcoming Events..





Tijuana Trip!





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SHPE CHAPTER MESA





PRESIDENT
TROY



VP (EXTERNAL)
OLIVIA



VP (INTERNAL)
DANIEL



MESA SHPE CHAPTER

- 10-23rd Transfer success stories Honors club + PTK (Phi Theta Kappa)
- 10-24th Engineering club costume Halloween bonfire with Cuyamaca
- 10-27th CAD workshop (TBD time)
- November - General Dynamics Panelists coming here
- November - SDSU Panelists
- 11-12 Energy company tour DIII-SD

Projects

- Building chess clocks for a tournament
- Open Rocket Project Sim Oct
- Parasonic Speaker

Looking for community college sponsors, donations and opportunities to collaborate and fundraise!



Thank You for Attending

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Don’t forget to Sign-In!!