

SHPE

Society of Hispanic Professional Engineers
University of California, San Diego

GBM # 1
October 8, 2015



Chapter President

Society of Hispanic Professional Engineers at UC San Diego

Alejandro M. Buitimea

4th Year, Computer Engineering

Sylmar, CA

abuitime@ucsd.edu

ABOUT SHPE

Society of Hispanic Professional Engineers at UC San Diego



OUR MISSION

Society of Hispanic Professional Engineers at UC San Diego

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.

OUR VISION

Society of Hispanic Professional Engineers at UC San Diego

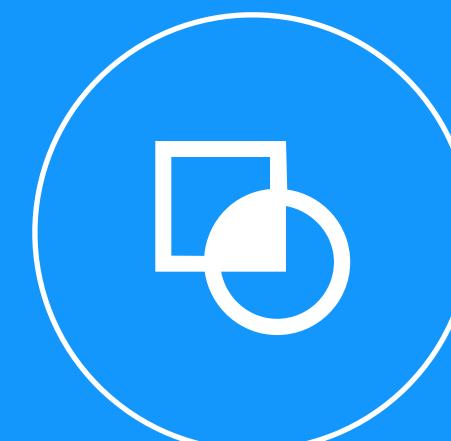
SHPE's vision is a world where Hispanics are highly valued and influential as the leading innovators, scientists, mathematicians and engineers.



Innovators



Scientists



Mathematicians



Engineers



5 Pillars

Society of Hispanic Professional Engineers



Academic Development



Professional Development



Chapter Development



Leadership Development

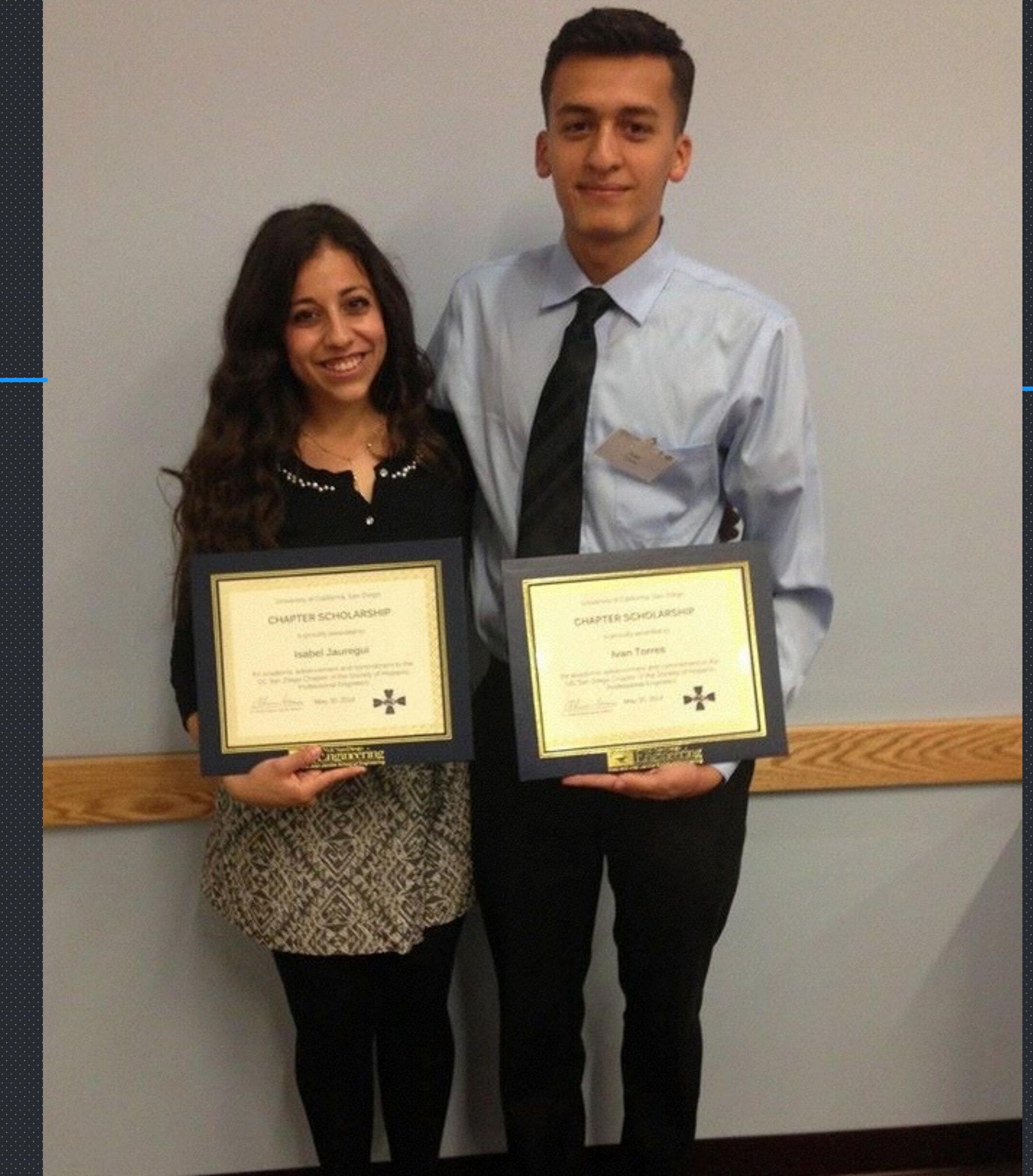


Outreach

Academic Development

Society of Hispanic Professional Engineers

- MentorSHPE Program
- Study Jamz
- Graduate School Workshops
- Obtaining Lab Positions w/ Faculty



Professional Development

Society of Hispanic Professional Engineers

- National Conference
- Regional Development Conference
- Mock-Interview Workshops
- Resume Workshops
- Professional Evening with Industry



Chapter Development

Society of Hispanic Professional Engineers

- Social Events
- Intramural Sports
- Bondfire
- Big Bear Retreat



Leadership Development

Society of Hispanic Professional Engineers

- Regional Leadership Dev. Conference
- Finance and Outreach Committees
- Open Freshman Position on Board
- Project Teams



Outreach

Society of Hispanic Professional Engineers

- Logan Elementary Visits
- Empower High School Conference
- Dia / Noche de Ciencias
- SHPE Jr. Chapter



Meet the Board

Society of Hispanic Professional Engineers at UC San Diego





Chapter Vice President Ext.

Society of Hispanic Professional Engineers at UC San Diego

Jose Luis Ramirez

2nd Year (Transfer), Electrical Engineering

San Diego, CA

jlr020@ucsd.edu



Chapter Vice President Int.

Society of Hispanic Professional Engineers at UC San Diego

Ivan Torres

4th Year, Mechanical Engineering

Chino, CA

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Chapter Secretary

Society of Hispanic Professional Engineers at UC San Diego

Isabel N. Jauregui

4th Year, Aerospace Engineering

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Chapter Finance Chair

Society of Hispanic Professional Engineers at UC San Diego

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Chapter Communications Chair

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Chapter Outreach Chair

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Itzel Gomez

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Chapter Academic Chair

Society of Hispanic Professional Engineers at UC San Diego

Jesus Baquera

4th Year, Aerospace Engineering

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Chapter Logan Representative

Society of Hispanic Professional Engineers at UC San Diego

Andres Hanau

4th Year, Electrical Engineering

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ahanau@ucsd.edu



Chapter Logan Representative

Society of Hispanic Professional Engineers at UC San Diego

Eddie Tapia

2nd Year, Mathematics-Computer Science

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Chapter SHPE Jr. Representative

Society of Hispanic Professional Engineers at UC San Diego

Carlos Anaya

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Chapter Webmaster

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Jose Martinez

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2015-2016 Board

Society of Hispanic Professional Engineers at UC San Diego





SHPE
SM
SAN DIEGO

San Diego Professional Chapter President

Society of Hispanic Professional Engineers at UC San Diego

Victor M. Guzman

Victor M. Guzman is an Embedded Software Engineer at ViaSat working in their commercial satellite business to help bring high speed internet access to the Australian Outback. Victor has a B.S. in Computer Science & Engineering from UC Davis and a Master's in Computer Science from USC. He is the first in his family to earn a Master's degree. Victor is currently the President of SHPE San Diego and has been a member of SHPE for over 12 years since becoming a member at UC Davis his freshman year.

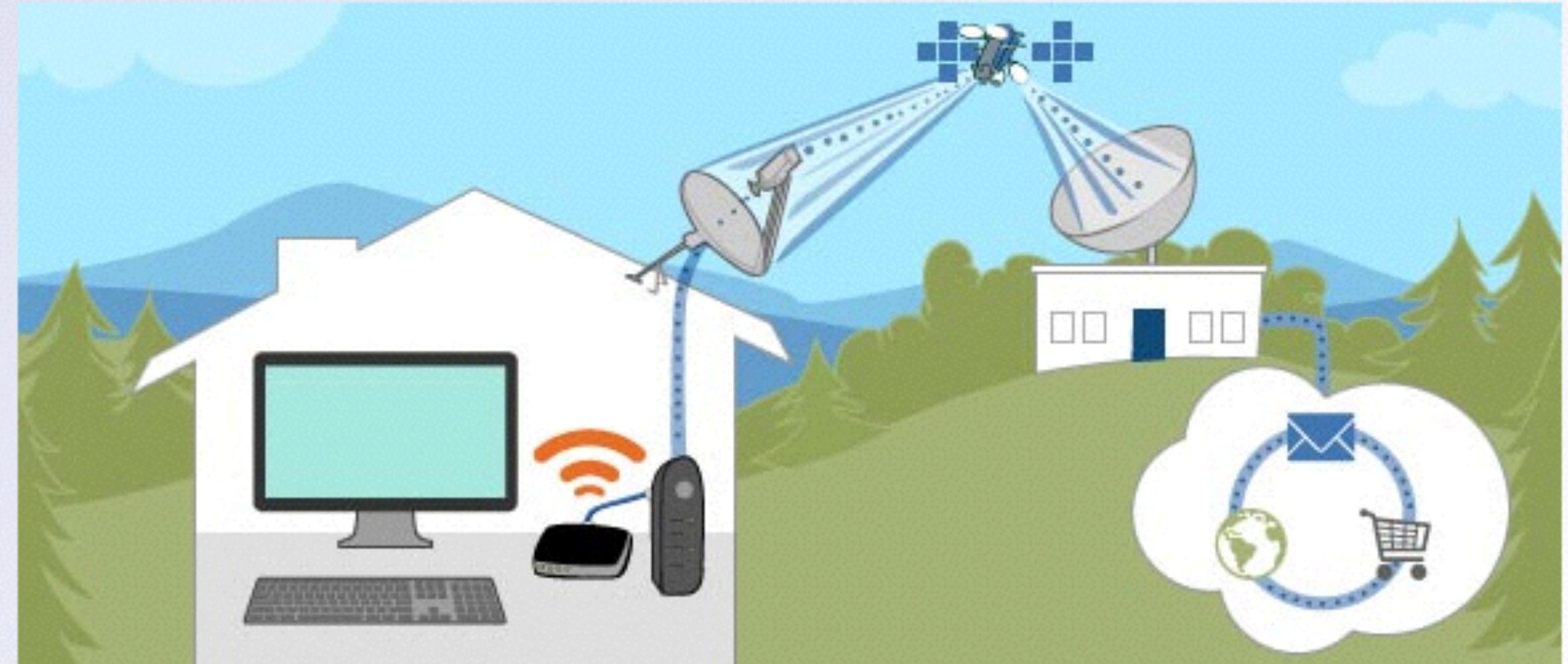


Victor M. Guzman
SHPE San Diego
Professional Chapter President
October 8, 2015

Introduction - Now

- Embedded Software Engineer
- ViaSat - Global Communications company
 - Our technology provides high speed internet access around the world, to homes and businesses on boats, planes, trains, and other vehicles
- President of SHPE San Diego Professional Chapter

ViaSat[®]



Introduction - Then

- Grew up in McFarland, CA
- UC Davis
 - Computer Science & Engineering
 - SHPE Chapter President
- University of Southern California
 - Master's in Computer Science



SHPE Mission

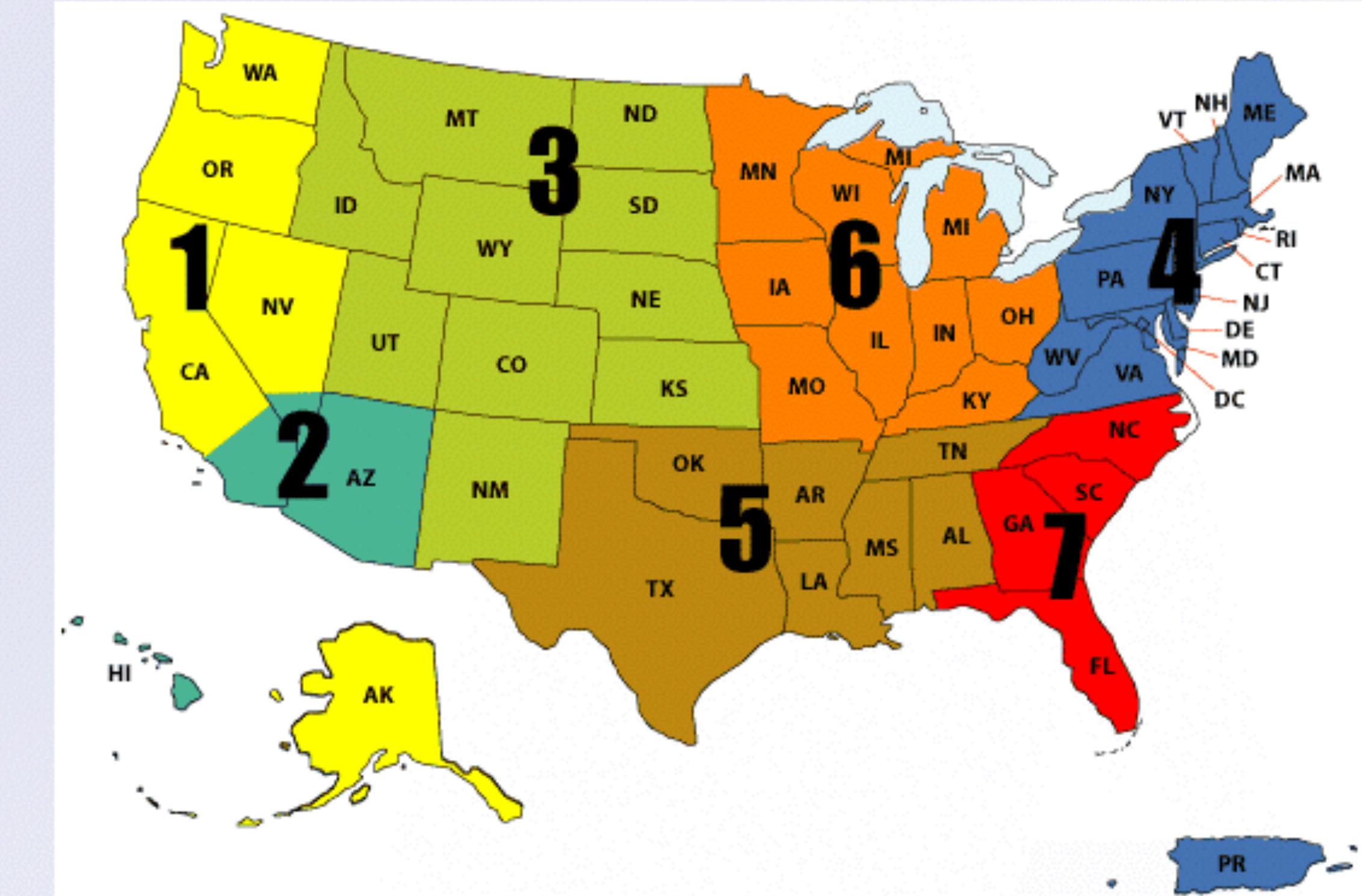
"SHPE changes lives by empowering the Hispanic community to realize their fullest potential and impacts the world through STEM (Science, Technology, Engineering, Mathematics) awareness, access, support and development."

SHPE National Strategy

- Goal 1: Improve US Economic & Technological Position
 - Substantially increase in the number of Hispanics entering into and graduating from STEM degree programs.
- Goal 2: Generate An Influential Membership
 - Provide Personal, Leadership, and Career Development to increasing membership.
- Goal 3: Graduate & Professional Development
 - Impact the Hispanic community and STEM fields through increased graduation rates and professional development of SHPE membership.
- Goal 4: Increase The Hispanic Population in STEM
 - Assist corporate America, government and academia to recruit, develop and retain Hispanic employees at all levels in STEM-related areas to mirror the United States' population.

SHPE National

- > 265 Student Chapters
- > 75 Professional Chapters
- ~10,000 Members
- Events
 - National Institute of Leadership Advancement (NILA)
 - Executive Leadership Institute (ELI)
 - Management Growth Training (MGT)
 - National Conference



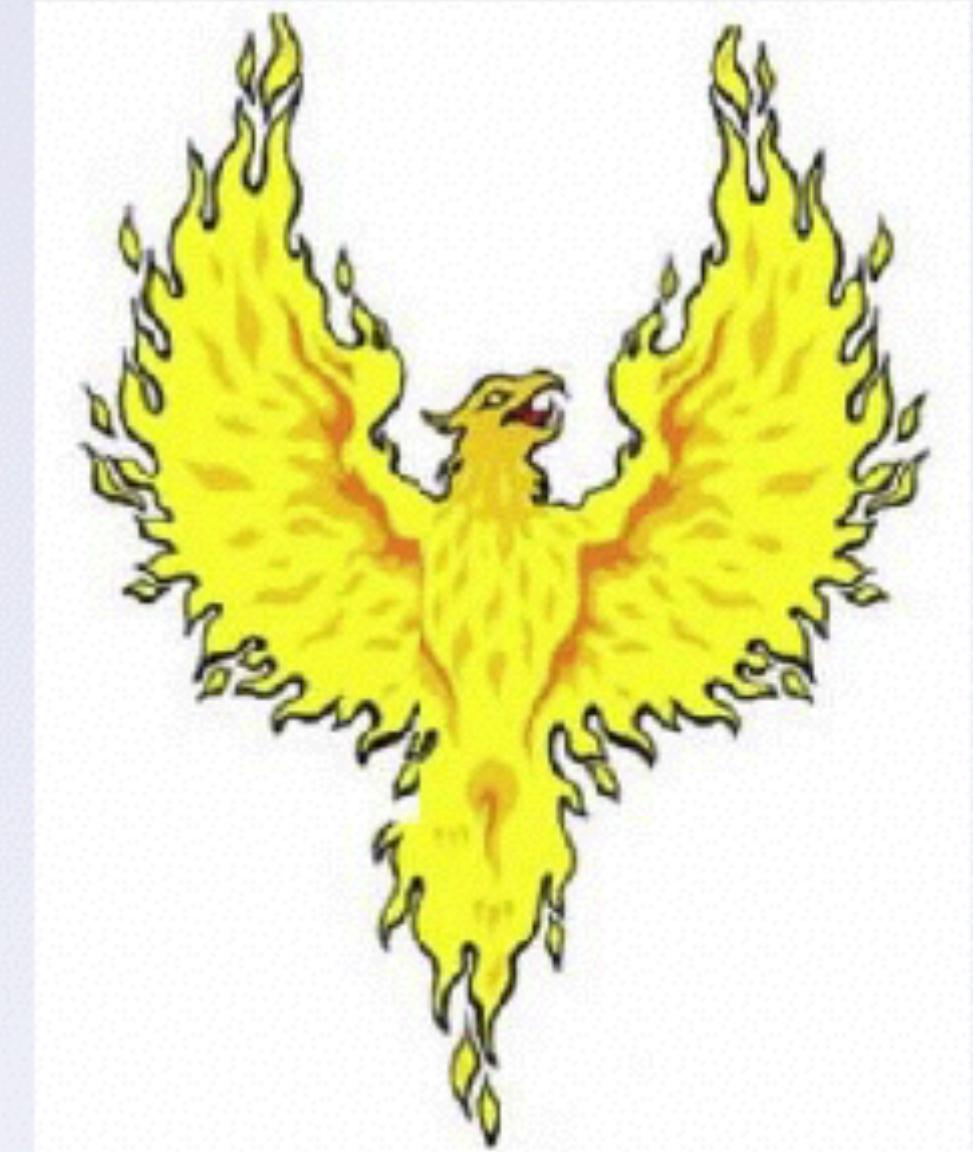
National Conference

- **November 11 – 15**, Baltimore, Maryland
- Register at conference.shpe.org/shpe2015
- Build Your Network Nationally!
- 2 Day Career Fair with over 150 companies
- Professional, Leadership, Technical Workshops!
- Mike Cruz awarded Jaime Oaxaca STAR Award!



Region 2

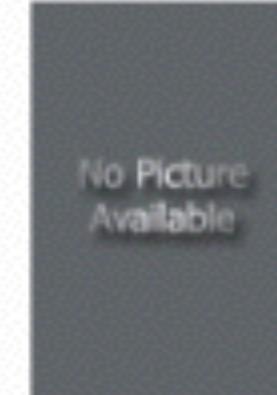
- Events
 - Summer Leadership Retreat (September)
 - Winter Party December 12th in Los Angeles
 - Regional Leadership Development Conference at ASU in April
- Build Your Network Locally
- Stay Informed
 - SHPE Region 2 Group on Facebook
 - www.shpe.org/region2





Chapter Leadership

FY2015-2016 Executive Board

 <p>President Victor M. Guzman President@shpesd.org</p>	 <p>VP of Corporate Affairs Veronica Alcantara 1stVicePresident@shpesd.org</p>
 <p>VP of Student Affairs Cynthia Hoffman 2ndVicePresident@shpesd.org</p>	 <p>Treasurer Cristina Nunez Treasurer@shpesd.org</p>
 <p>Secretary Rachel Mueller Secretary@shpesd.org</p>	 <p>SHPE Leadership All board members and committee chairs shpe-sd@shpesd.org</p>

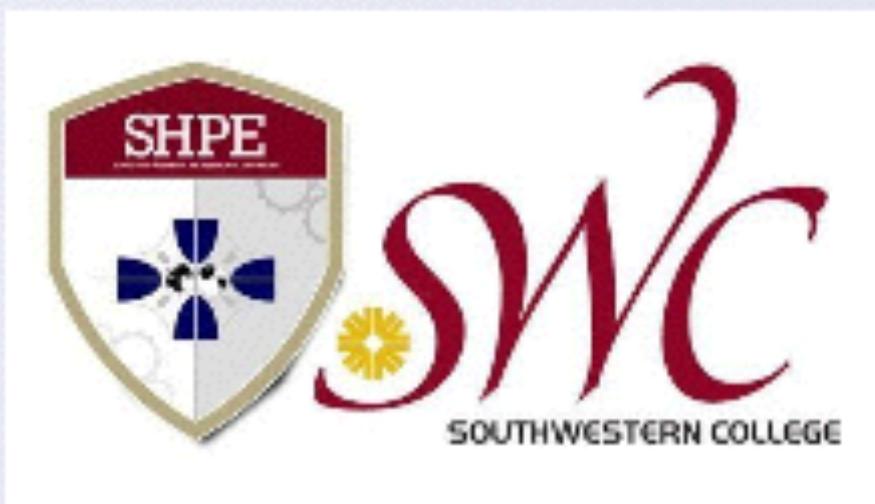
FY2015-2016 Committees

Community Outreach Committee	For more information, contact Rosa Hernandez at Outreach.Chair@shpesd.org
Advisory Committee	For more information, contact Michael Cruz at officer.emeritus@shpesd.org
Membership Recruitment & Retention Committee	Committee Chair Open For more information, contact Rachel Muller at Secretary@shpesd.org
SHPE Jr Program Committee	Committee Chair Open For more information, contact Veronica Alcantara at shpe.jr.chair@shpesd.org
Banquet Committee	Committee Chair Open For more information, contact Cristina Nunez at Treasurer@shpesd.org
Communications Committee Open – Webmaster@shpesd.org Open – SocialMedia@shpesd.org	Committee Chair Open For more information, contact Rachel Mueller at Secretary@shpesd.org

Student Chapters



University of California San Diego
San Diego State University
University of San Diego
Cuyamaca College
Southwestern College
San Diego City College
San Diego Mesa College
Academy of Our Lady of Peace
Oceanside High School Jr. Chapter



San Diego Events

- General Body Meetings and Company Tours
- Professional & Student member Networking Events
- Noche de Ciencias with SHPE Jr Chapters and Companies
- Career and Professional Development events with Partner Orgs
- Build your Network Locally!

UPCOMING EVENTS



October Networking Mixer



- Tuesday, October 13, 2015
- 6 PM – 8 PM
- Students and Professionals
- Rock Bottom Restaurant (La Jolla)
- POC: Cynthia Hoffman

October GBM at Alliant University

- **Thursday, October 29, 2015**
- **Topic:** Post Graduate Education Options
 - (Masters, MBA, PHD)
- **Time:** 5:30 PM – 7:30 PM
- **Location:** Scripps Ranch
- Register coming next week
- **POC:** Veronica Alcantara



ALLIANT
INTERNATIONAL UNIVERSITY

Noche de Ciencias

- **Thursday, November 5, 2015**
- Time: 5:30 – 8:30 PM
- Location: TBD
- Event POC: Rosa Hernandez
- Student Volunteers Needed!



- Fun hands-on STEM activities for students
- Useful college information for parents & students
- Bilingual parent workshops

Science Nights - Promoting knowledge and interest in science technology

among the Hispanic community

RSVP: <http://tinyurl.com/qjovl2v>

Sponsored by:



Thank you
Victor M. Guzman

Society of Hispanic Professional Engineers at UC San Diego



How to be Involved

Society of Hispanic Professional Engineers

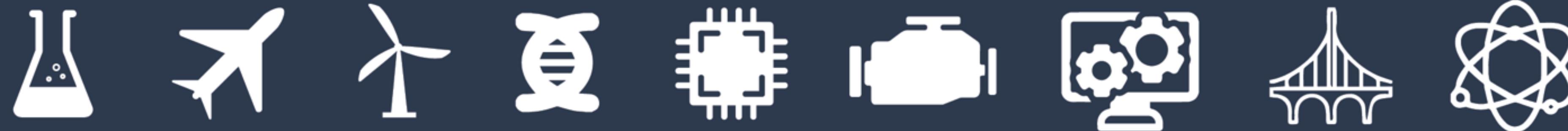


Project Competitions

Society of Hispanic Professional Engineers at UC San Diego



PROJECT TEAMS



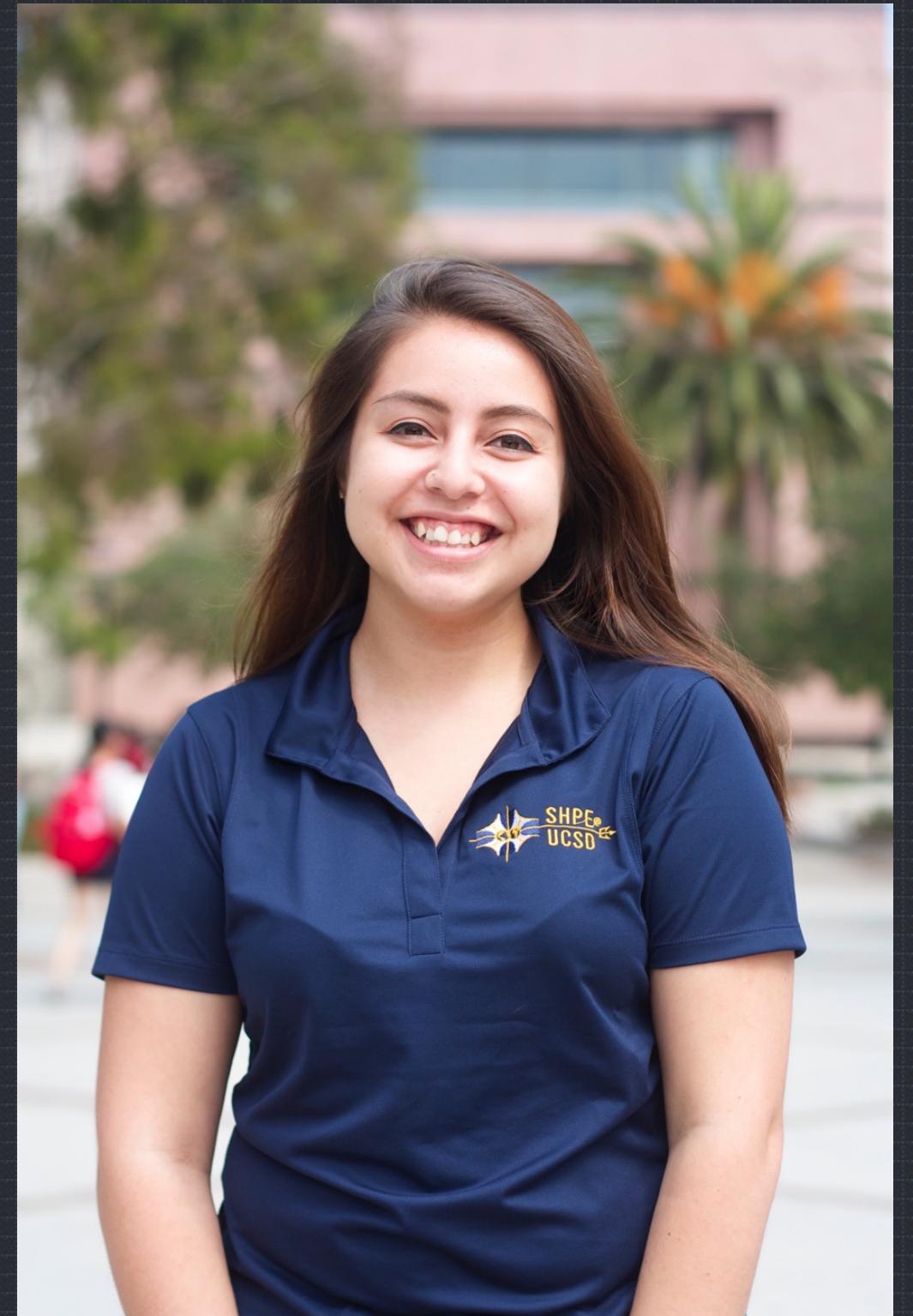
S H P E University of California
San Diego

Outreach Committee

Society of Hispanic Professional Engineers at UC San Diego



Empower High School Conference 2015



Itzel Gomez

i3gomez@ucsd.edu

Finance Committee

Society of Hispanic Professional Engineers at UC San Diego



GBM # 4 Elections



Carlos Sandoval
c1sandov@ucsd.edu

Intramural Soccer Team

Society of Hispanic Professional Engineers at UC San Diego



Los Tri-ginieros



Ivan Torres
ivtorres@ucsd.edu

Logan Outreach

Society of Hispanic Professional Engineers at UC San Diego



Outreach Field Trip to Legoland



Eddie Tapia
etapiahe@ucsd.edu



Andres Hanau
ahanau@ucsd.edu

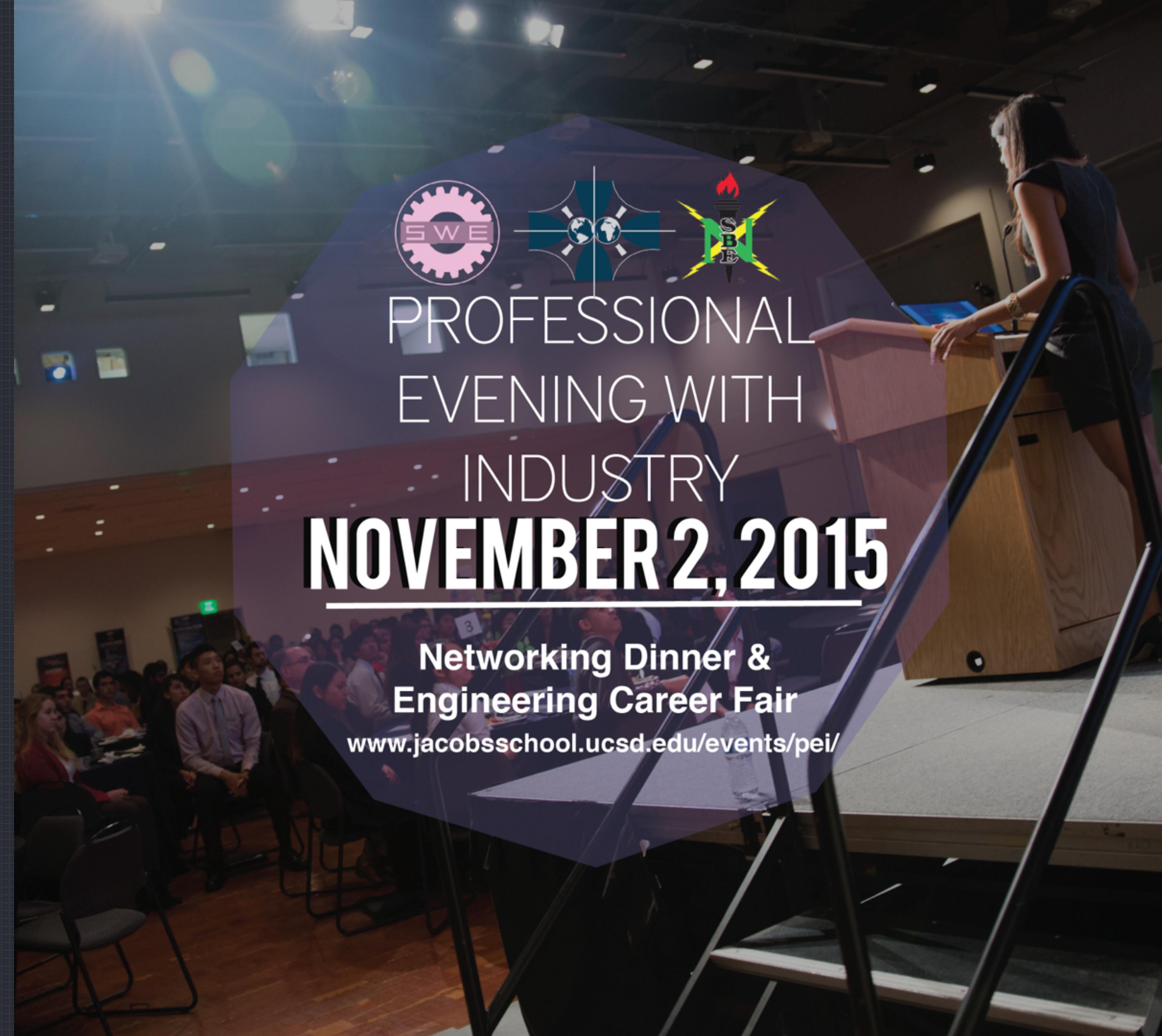
Upcoming Events

Society of Hispanic Professional Engineers



Professional Evening with Industry

Society of Hispanic Professional Engineers at UC San Diego



PROFESSIONAL
EVENING WITH
INDUSTRY

NOVEMBER 2, 2015

Networking Dinner &
Engineering Career Fair

www.jacobsschool.ucsd.edu/events/pei/

Bonfire at La Jolla Shores

Society of Hispanic Professional Engineers at UC San Diego

Friday, October 8, 2015
6:30 pm- 11:00 pm



SHPE National Conference

Society of Hispanic Professional Engineers at UC San Diego

November 11-
November 15, 2015
Baltimore, MD

Spots still open!

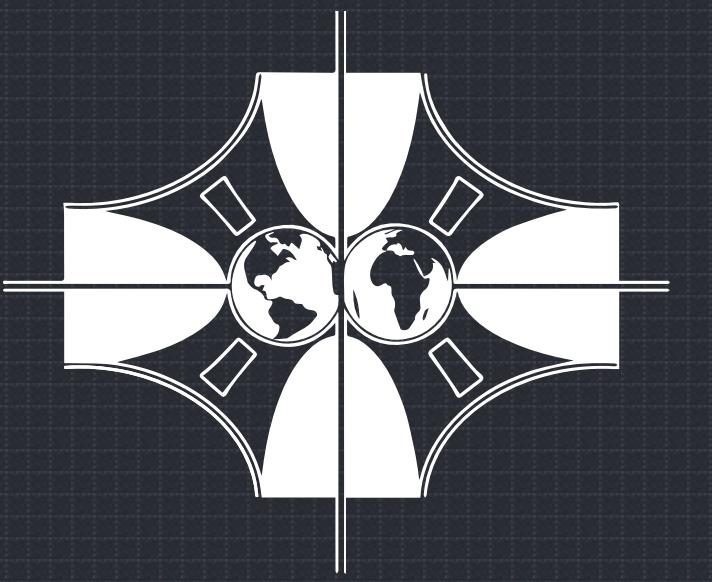


Register as a Member

Society of Hispanic Professional Engineers at UC San Diego

shpeconnect.org





SHPE

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