

SOLES | SHPE AT UCLA
2024-2025



SOCIETY OF LATINX ENGINEERS & SCIENTISTS





ABOUT US

OUR MISSION

SOLES 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

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

OUR AWARDS

Our exemplary commitment to SHPE's core values: Familia, Service, Education, and Resilience have earned us the **2022 SHPE Regional and National Chapter Awards!**

2022-2023 Student Group of the Year Engineering Society of UCLA

Blue Chip Chapter Award 2022 • 2021 • 2020 • 2017 • 2016 • 2015

Awarded during the annual SHPE Regional Leadership Development Conference to chapters shown to provide outstanding metrics throughout the year, exhibiting growth and success.

2020 Runner Up for Bruin Development Award

Recognized by UCLA's Engineering Society for our commitment to developing our members.



Former President Receiving 2022-2023 Student Group of the Year for UCLA SOLES



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FIND OUT MORE

{website} <https://uclasoles.org>

{instagram} @uclasoles

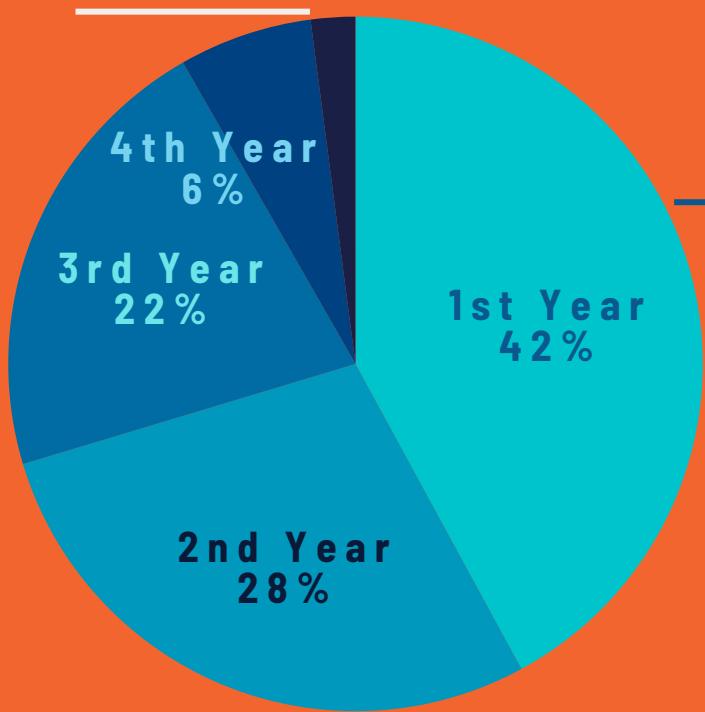
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MEMBERSHIP STATEMENTS

146
general members

Grad: 2%



Breakdown by
Year

Chemical Eng.

5%

Bioengineering

2%

Other

6%

Mechanical
Engineering

25%

Civil
Engineering

15%

Computer
(CS/CSE/CE)

22%

Aerospace
Eng.

9%

Electrical
Engineering

14%

Undeclared Eng.

2%

Breakdown by

Major

MEET THE EXECUTIVE BOARD



2024 Board Transition Retreat

Emanuel Zavalza | President

uclasoles.president@gmail.com

Nicole Nunez-Sainz | External Vice President

uclasoles.evp@gmail.com

Samantha Lopez | Internal Vice President

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Andrew Rubio | Treasurer

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Diana Estradal | Technical Chair

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Sarah Soto | Media & Merchandising Chair

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Adrian Garcia | Transfer Representative

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Erick Rosas | Events Director

uclasoles.activities@gmail.com

ACADEMIC DEVELOPMENT

4 PILLARS OF SHPE

ACADEMIC DEVELOPMENT

STUDY NIGHTS WITH SOLES

By offering a weekly study space for members to study and collaborate, members are able to form study groups to complete difficult homework and prepare for exams. These study nights are hosted on "The Hill", home to UCLA's dorms and most of our members. Students are able to easily attend these nights to socialize and meet others in their classes. We also provide delicious snacks to encourage a feeling of community and collaboration.



SOLES Study Night



First General Meeting of the Year

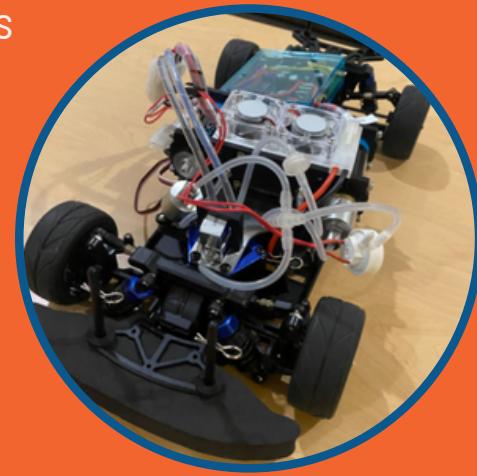
EXPANDING EDUCATION INITIATIVES

Over the years, SOLES has been fortunate to partner with our sponsors to host incredible professional-focused workshops that have been very impactful to our members. In recent years, we have focused on expanding our academic pillar by hosting workshops that focus on bettering the academic development of our members. These workshops include a Research Symposium with faculty and undergraduate speakers and Applying to Graduate School panels.

TECHNICAL PROJECTS

SOLES RACING

A new technical project this year, SOLES Racing will be planning to participate in the H2 Grand Prix Racing competition. This competition aims to promote innovation in hydrogen fuel cell technologies. For our members, this project will attract more Chemical Engineers, along with Computer Science, Electrical, and Mechanical Engineering majors. This project also focuses on alternative energy sources, a growing field that our members are passionate about. This project will focus on building a competitive RC car and equipping our members with the skills and experiences that are highly sought after in the engineering industry.



A look into SOLES Racing

SOLES AI



SOLES AI Team is designed to provide hands-on experience in the field of artificial intelligence and machine learning. The team primarily utilizes Google Colab as a platform for developing and testing their models. This project is particularly suited for students majoring in computer science, but it is also inclusive of those studying data science and mathematics. Through this project, members of SOLES gain valuable skills in programming, data analysis, and algorithm development. They collaborate on projects that mimic real-world challenges, preparing them for careers in AI, data science, and beyond.

SOLES WEB DEV

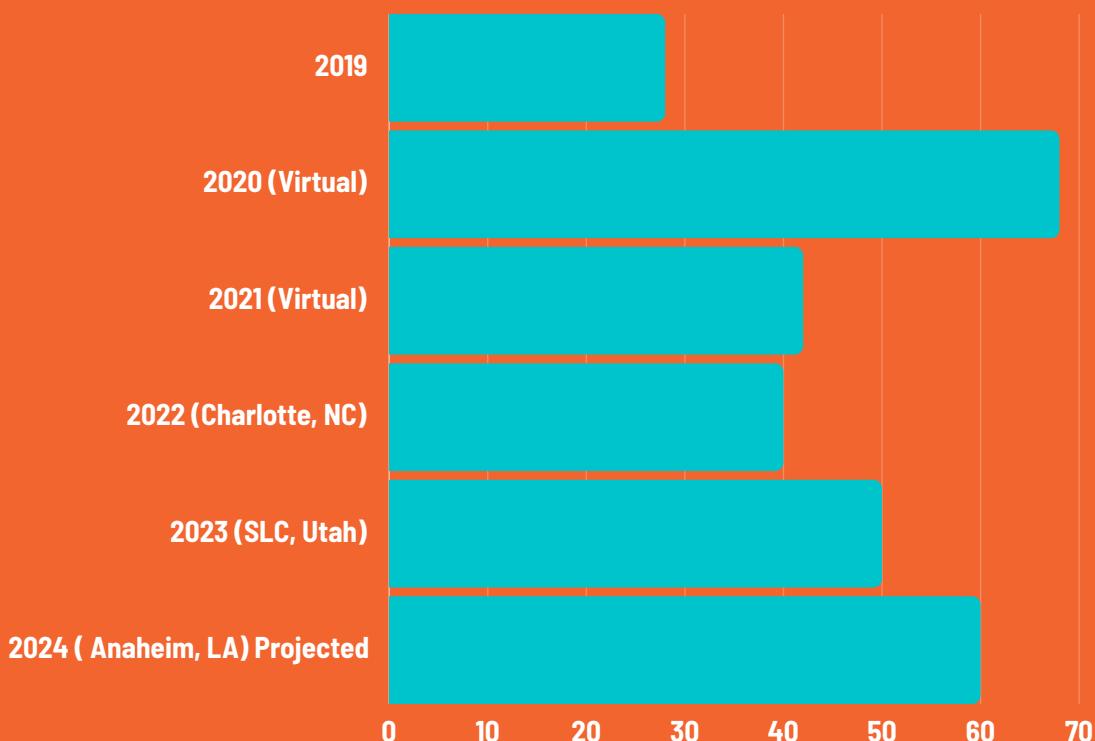
SOLES Web Dev Team is an engaging project focused on building and deploying web applications, with a primary goal of developing the club's own website. This team utilizes modern technologies such as React to create dynamic and responsive user interfaces. The project is open to beginners who have an interest in front-end development and UI/UX design, making it an inclusive environment for learning and growth.

PROFESSIONAL DEVELOPMENT

SHPE NATIONAL CONVENTION

The annual SHPE National Convention - the largest Hispanic engineering conference in the nation - consistently provides our members opportunities to expand their network by interacting with industry professionals and SHPE members from chapters across the nation, encouraging them to step into the corporate world. Thanks to the generosity of our sponsors, we were able to partially sponsor those that attended the conference last year in Charlotte, North Carolina. This year's National Convention takes place in Salt Lake City, Utah from November 1st-5th. We realize that the cost of attendance poses a financial burden to our members, so we are striving to partially sponsor 40 of our members to attend this year's convention.

Past Conventions



Attendance

Apart from the networking opportunities, the SHPE National Convention promotes professional development through enriching workshops and a valuable career fair. Our members obtain firsthand insight on how to advance our mission of increasing Latinx representation in STEM careers, all while empowering them to achieve high standards in pursuit of their goals as aspiring engineers.

2. PROFESSIONAL DEVELOPMENT

PROFESSIONAL WORKSHOPS

Throughout the year, SOLES provides opportunities for its members to network with industry representatives through industry-partnered meetings and events. Companies partnering with SOLES are invited to host professional workshops and info sessions while having the advantage of directly networking with our membership to promote internships and full-time positions. Partnership is always welcome, and we are always looking to expand on the number of events we host with industry. From Info Sessions and Career Panels to Resume Workshops, we strive to continue our relationships with past partners and increase our offerings by creating new partnerships. For inquiries about setting up events with SOLES, please reach out to the External Vice President at [uclasoles.evp@gmail.com!](mailto:uclasoles.evp@gmail.com)



2023 SHPE
Convention
at SLC, Utah



3. COMMUNITY OUTREACH

COMMUNITY OUTREACH

LEADERSHPE JR. RETREAT

This year will mark SOLES' 7th annual LeaderSHPE Jr. Retreat. While encouraging young underrepresented students to pursue higher education, this retreat provides a sense of community and empowers these high schoolers to be future leaders. This event is critical for SHPE Jr. chapter members' professional, personal, and technical development. This event is free for the participating students and provides networking opportunities with SHPE members at the high school, collegiate, and professional levels. Students have the opportunity to engage in leadership workshops, interactive competitions, and hands-on engineering activities.



2024 NDC at Banning High School



Outreach in Middle School Tours

NOCHE DE CIENCIAS

One of the most anticipated events of the year, Noche de Ciencias is an event that inspires young students to pursue STEM degrees and careers. This past year, we hosted an in-person event for over 70 students at a local magnet high school. We had workshops including building a wind-powered car and engineering mini robots. Additionally, as many of our members are first-generation Latinx students, we have firsthand experience with navigating a daunting college application process and are able to share our knowledge with these students.

COMMUNITY OUTREACH



COMMUNITY OUTREACH

ENGINEERS IN TRAINING DAY

Engineers in Training (EIT) Day is our largest outreach event of the year. Our goal is to engage with underrepresented middle and high school students from the Los Angeles community and expose them to STEM fields (especially engineering) through various workshops and panels. This past year, we hosted roughly 200 students at an in-person event on UCLA's campus. SOLES also recruits volunteers from other STEM organizations on campus to broaden our event.

Each year, our outreach committees create new workshops to enable students to experience STEM in a unique, non-traditional setting. We also put on workshops for topics such as financial aid and college applications, so students feel confident about pursuing higher education.



2023 EIT at UCLA

Including Workshops!

MINI OUTREACH

This year, we started to reach out to other groups outside of high school students. We put on workshops at community colleges and brought middle school students to UCLA for tours, impacting 200+ students. Our goal is to expand our impact, encourage local community college students to transfer to UCLA, and introduce engineering to younger students. We plan to continue putting on these smaller, more frequent events this year and collaborate with UCLA's Transfer Center and other student groups.



2024 Dia De Ciencias
at Larsen School

RECRUITMENT & RETENTION

MENTORSHIP

Navigating college life is difficult, but SOLES provides support for our members during this transition period. We strive to uplift each other academically, professionally, and socially through our MentorSHPE program. At the beginning of the year, underclassmen are paired with upperclassmen in "familias". Older students help their younger peers by assisting with choosing class schedules, tutoring them in difficult courses, and offering support in achieving a balance between academics and socializing. Upperclassmen grow into the leaders the professional community needs, and underclassmen are supported, growing the SOLES familia - increasing retention rates for both under and upperclassmen while building community.



Santa Monica MentorSHPE
Ice Skating Social

Region 2 Copa De Sol, Hosted by UCLA

SOLES SOCIALS

Socials are the lifeblood of any organization. With such a large familia (140 local members) it is essential to take every opportunity to maintain and strengthen our bonds. We aim to put on a variety events that engage our community, including beach bonfires, intramural sports, football tailgates, holiday gift exchanges, and much more!



Part of 2024 EBoard at
Dockweiler Beach

SOLES | SPONSORSHIP PACKET

FINANCIAL PROJECTIONS

| Category | Events | Event Expenses | Category Total |
|---|------------------------------------|----------------|-----------------|
| Academic Development | Study Nights | \$600 | \$2,100 |
| | - Snacks | | |
| | - Supplies | | |
| Professional Development | SOLES Racing | \$1,500 | \$15,550 |
| | - Materials | | |
| Community Outreach | SHPE Nationals | \$15,550 | \$15,550 |
| | - Registration (\$215 each) | | |
| | - Lodging & Transportation | | |
| | LeaderSHPE Jr. Retreat | \$1,500 | \$5,200 |
| | - Food & Transportation | | |
| | - Shirts | | |
| | Noche y Dia de Ciencias | \$1,500 | |
| Recruitment and Retention | - Food & Transportation | | \$9,400 |
| | - Shirts | | |
| | Engineers in Training (EIT) | \$2,000 | |
| | - Food & Transportation | | |
| | - Room Reservation | | |
| | - Shirts | | |
| Yearly Projections: (Excluding already covered expenses) | Mini Outreach Events | \$200 | |
| | - Transportation | | |
| | - Supplies | | |
| | Transition Retreat | \$1,500 | |
| | - Food & Lodging | | |
| | - Transportation | | |
| | General Meetings | \$4,200 | |
| | - Raffles | | |
| | - Food | | |
| | Socials/MentorSHPE Events | \$1,200 | |
| | - Food & Materials | | |
| | First-Year Admit Weekend | \$200 | |
| | Banquet | \$800 | |
| | SOLES Swag | \$1,500 | |
| | - Membership Gear | | |
| | - Executive Board Polos | | |
| | | | \$32,250 |

SOLES | SPONSORSHIP PACKET

SPONSORSHIP OPTIONS

As a sponsor of SOLES, you have the freedom of choosing which options will benefit your company the most. Treat the suns like currency to put together your own personalized package!



Bronze = \$600



Silver = \$1000



Gold = \$2000

If you require a different configuration of opportunities, please contact us to discuss further.

| | |
|---------------------------------------|--|
| Access to Resume Bank | |
| Sponsor a student for Nationals | |
| Info/Recruitment Session | |
| Mock Interviews..... | |
| Tri-Org Meetings..... | |
| Job Postings on Newsletter | |
| Scholarship | |
| Logo on Shirts + Club Board | |
| Host a General Meeting | |

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HOW TO GIVE TO UCLA SOLES

You may donate/sponsor us online by credit card or PayPal using the online giving link below:

<https://giving.ucla.edu/campaign/donate.aspx?Fund=18400c&Code=M-44527>

For further reference, our UCLA foundation fund number is 18400c and our marketing effort ID is M- 44527. The UCLA Foundation also accepts donations in the form of checks. In the memo line, please include the following details:
Society of Latinx Engineers and Scientists (SOLES) at UCLA, Fund 18400c, m-44527.

Checks may be sent to the mailing address below:

**The UCLA Foundation
PO Box 7145
Pasadena, CA
91109-9903**

SPONSORING US

MORE INFO ON GIVING

Your donation will be disbursed by the UCLA Foundation, which receives contributions made by alumni, friends, private foundations and corporations on behalf of UCLA's departments and clubs. More information about the management of funds can be found here: www.uclafoundation.org/disclosures.

Additional documents you may need can be located here:

<https://www.uclafoundation.org/Resources/Tools>. Since we hold 501(c)(3) status, donations made to us are tax deductible.

For donation and UCLA Foundation related inquiries, please contact **Elisabeth Leavitt**, Associate Director of Development, Corporate and Foundation Relations, UCLA Samueli School of Engineering at ekealy@support.ucla.edu.



Region 2 at
2024 SHPE NILA Convention
in Frisco, TX





Muchas Gracias! Thank you!

SOLES @UCLA

**WE APPRECIATE YOU
TAKING THE TIME TO
REVIEW OUR SPONSORSHIP
PACKAGE. YOUR GENEROUS
FINANCIAL CONTRIBUTION
MEANS A LOT TO US.**

STAY CONNECTED WITH US

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