



2023 SHPE NATIONAL CONVENTION



Guide to LI

MEMBERSHIP

WELCOME TO OUR FAMILIA

2023 / 2024

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Discover

Welcome Message

Dear member,

Thank you for joining Los Ingenieros (LI)! LI is thrilled to welcome you into a unified and inclusive community of members committed to advancing in science, technology, engineering, and mathematics (STEM). All of us at LI are here to support you in any way we can.

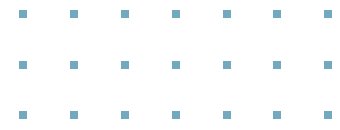
We hope you enjoy exploring the benefits included in your LI membership, including access to LI-specific scholarships and awards.

We hope to have the pleasure of meeting you soon at one of our bi-weekly meetings or outreach events. If you have any questions about your membership, please do not hesitate to contact liucsb@gmail.com. On behalf of our entire famiLla, we are so excited to welcome you and look forward to supporting you on your journey!



Ever Orellena
Kevin Barrera Mejia
Co-Presidents

Organization Background

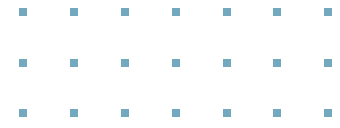


Los Ingenieros is a UCSB student organization founded in 1978. Los Ingenieros began when eight Latino engineering students formed a support group that shared common goals and aided each other in developing the skills needed in the professional workplace. Since then, Los Ingenieros has grown to an organization more than five times as big as the original eight members and has expanded to include all science, technology, mathematics, and engineering majors. The goal of Los Ingenieros is to serve its members, primarily in the Latin@ community, in the advancement of their math, science, and engineering education. Our organization is also dedicated to promoting these fields to students of all school levels ranging from elementary school to high school through outreach activities; our goal in doing this is to inspire the next generation of Latin@ STEM college graduates.



In the mid to late 80's, the organization moved towards a more professional and academically strong organization. In the early 1990's the organization would become an official Society of Hispanic Professional Engineers student chapter, thereby increasing the organization's connections with and ability to produce talented engineers and community leaders.

Vision and Mission



Vision



SHPE UC Santa Barbara's vision is to have Santa Barbara and Ventura Counties in which underrepresented students realize their potential as value figures and role models in STEM.

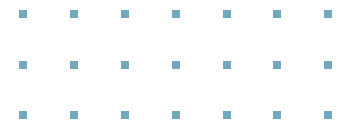
Mission



SHPE UC Santa Barbara is dedicated to impact lives through professional growth and success, academic opportunities, community involvement, and networking for its members and the local community.



Five Pillars of SHPE



Chapter

Every year we strive to improve by creating events that will aid our members professionally, academically, and individually while instilling a sense of family within our SHPE chapter.

Leadership

By being a part of our committees and skill-building events, our members have gained the skills needed to be strong leaders within our organization, their community, and the industry.

Professional Development

We provide members with numerous events to network with professionals and grow their professional skills to prepare them for career fairs and give them an advantage.

Academics

Through our programs of Study Hours in reserved spaces and L@s Guias, we aim to provide our members with the necessary resources needed to succeed academically.

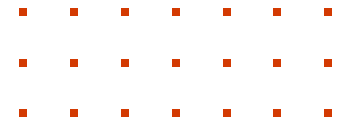
Community Outreach

We annually host over 300 6th-12th grade MESA students, who will have the opportunity to compete on the regional level and participate in pre-college workshops at UCSB.



Advance

Academic Opportunities



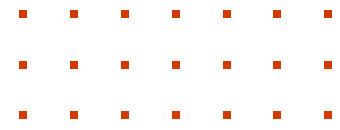
1 EUCR Study Hours

Join us at Los Ingenieros, where excellence meets education every Tuesday and Thursday. Immerse yourself in an empowering learning experience within our dedicated tutoring and study spaces. Here, collaboration is not just encouraged; it's celebrated. Our dynamic environment fosters the growth of study groups, where students from diverse disciplines unite to unlock profound insights and tackle challenges together. Elevate your learning journey with us as we transform ordinary study sessions into extraordinary moments of academic achievement.

2 L@s Guias

Los Ingenieros provides a mentorship program wherein upperclassmen as well as lowerclassmen get the opportunity to get paired for the academic year. Due to our mentorship program, many life-long friendships have been made and they benefit all parties involved. Most notably, many mentees receive internship offers as a result of the guidance of their mentors, and the events curated towards assisting our mentees.

Academic Opportunities



3 Research

Research is a great opportunity to enhance your academic and professional skills. Engage in transformative research experiences, collaborate with experts, and contribute to the cutting-edge advancements in STEM. Here are several common programs our members participate in.



Beckman Scholars Program



SACNAS Scholars Program

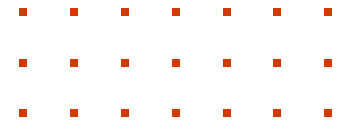


EUREKA! Scholars Program



NSF Quantum Foundry

Professional Development



1 SHPE National Convention

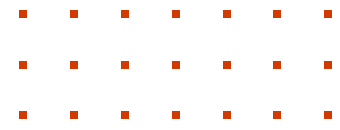
Every year our members participate in conferences dedicated to cultivating leadership and professionalism. They immerse themselves in unparalleled networking opportunities with companies and professionals. Elevate your career prospects with LI where we value not only academic excellence but also shared professional growth.

2 Professional Academy for Student Success (PASS)

To prepare our members for upcoming conferences, career fairs, and job interviews, we dedicate a day towards hosting workshops, mock interviews, and local industry professionals. Our members leave with revised resumes, negotiation skills, feedback on their interviewing skills and other tips for their professional development.



Professional Development



3 SACNAS NDiSTEM Conference

Beginning this year, some of our members attended the annual SACNAS NDiSTEM conference to present their world-class research, allowing them to gain valuable experience to be better prepared for graduate school.

4 Industry Tours

Every year we explore leading companies that generously open their doors to host us. Join this exclusive opportunity to take a captivating behind-the-scenes journey, delving into industry.



Members get to uncover innovative work, strategic goals, and unveil potential internship opportunities that could shape their professional trajectory. This isn't just a tour; it's a gateway to insights, connections, and future career possibilities. Come with us, where learning extends beyond the classroom and into the heart of industry.



Connect

Community Outreach



Destination College! MESA DAY

Every year, we host UC Santa Barbara's largest outreach event and invite over 500 middle school and high school students from neighboring counties to participate in a day full of project competitions and college-prep or STEM-related workshops. Our members inspire the next generation of STEM students by providing advice and mentorship on developing their academic and professional careers throughout college. This event attracts several partner organizations which makes it a great networking opportunity while giving back to the community.

College Preparation Workshops

Throughout the year, we host a variety of workshops that are tailored towards high schools to better prepare them for college, providing them with information such as food security, how to find mentors, time management. Our main audience for these workshops are mainly students in the local communities.

Our Committees



Finance Committee

We want to ensure that we have enough resources and commodities that are the very best for our members and our chapter development. The Finance Committee helps allocate funds from grants and sponsors by writing and distributing proposals to professionals.

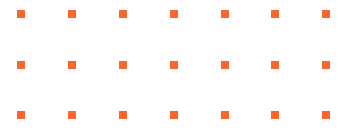
Academic Committee

The committee provides academic support and monitors educational performance. By hosting resume workshops, a mentorship program, and weekly study hours, the committee provides members with the tools they need to maximize performance and strive for success.

Internal Vice Committee

The Internal Vice Committee works directly under the Internal Vice Presidents and helps our chapter grow and give back to our local communities. They aid the planning process of our outreach events on-campus such as Destination College! Science and Technology MESA Day.

Our Committees

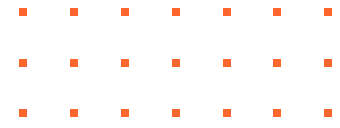


Events Committee

The Events committee is in charge of building relations between the chapter and itself, through planning social events where members can come together to create a sense of family. They are also in charge of our annual celebrations like the Holiday dinner and our end of the year Banquet.



Spring Elections



Positions

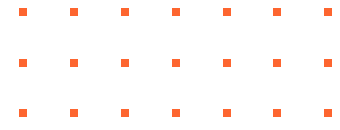


Unlock the pathway to leadership within our familia. Each Spring Quarter, members are invited to seize the opportunity to run for elected positions during the regular academic schedule. Elevate your involvement and influence as you contribute to shaping the future of our organization—make a lasting impact and lead with purpose. Step forward, embrace the journey, and let your leadership potential thrive in our community. Elected positions include:

- Co-Presidents (2)
- Internal Vice-Presidents (2)
- External Vice-President
- Treasurer
- Secretary
- Events Director
- Marketing Director
- Academic Chair
- SHPE Liaison
- Los Ingenieros Representative



Membership Benefits



By joining Los Ingenieros, you have unlocked a universe of opportunities in STEM. Immerse yourself in our dynamic community where your passion for science, technology, engineering, and mathematics not only finds a home but thrives.

1 Active Membership

- Attend SHPE, MESA, and Los Ingenieros related conferences. (SHPE Nationals, RLDC, NILA)
- Be part of LI mentorship programs (L@s Guías & MentorSHPE)
- Apply to specific scholarships. (MESA & LI Scholarships)
- Run for elected officer positions.
- Receive the official LI T-Shirt.
- Attend the End of the Year LI Banquet.

4 Non-Active Membership

- Attend our regular general body meetings (GBMs).
- Eligible to attend the Study and Tutoring Groups.
- Welcome to attend LI outreach events.

Contact Information

✉ liucsb@ucsb.edu

📷 @liucsb

🌐 losingenierosucsb.org

www.losingenierosucsb.org/join-us