

🌟 Your Week 5 with MESA: Growth, Support & Opportunities!

Welcome to week 5! What's happening this week!

- Conference American Chemical Society Western Regional Meeting (25-28 Oct 2025)
- And more!

Explore the opportunities below and sign up for what excites you! Need help with midterms? Drop by MESA for tutoring, study support, and a great community! Let's make this quarter strong together!



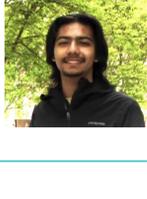
🌟 UCD Pre-Health Conference!

Our MESA students had an inspiring day at the UC Davis Pre-Health Conference! They connected with healthcare professionals, discovered pathways to medical and veterinary schools, and experienced campus life while enjoying lunch in the dining hall. It was an exciting opportunity to explore future careers and see the beautiful UCD campus. We can't wait to attend again next year!



Meet our MESA Tutor Rafael Vazquez Jr.!

Hi there, I'm Rafael, a 2nd year Chemistry major & MESA tutor. I applied to become a tutor because of my passion for math & chemistry, and it was only right if I shared it with others to help them succeed. My chemistry courses in high school are what first ignited my passion for the beauty & art that is chemistry. Having the opportunity to help someone who needs it motivates me to work with the MESA program. A fun fact about me is that I'm 5'11 3/4 :)



MESA Transfer Tuesdays!

Learn about the do's and don'ts, tips and tricks about the transfer process. What does a strong PIQ response look like? How do UC campuses evaluate applications in their admission decision? Everyone welcome!

- SJSU MESA & STEM Admissions (21st Oct 1:30pm-2:30pm)
- UC Berkeley-Mastering Your PIQs: Tell Your Story, Stand Out speaker (28 Oct 2025, 1:30-2:30PM, MESA Center S54)

RSVP: <https://forms.gle/odhWMHMDMDWhSLxP46>



MESA Transfer Workshops!

Learn about the do's and don'ts, tips and tricks about the transfer process. What does a strong PIQ response look like? How do UC campuses evaluate applications in their admission decision? Everyone welcome!

- Mastering Your PIQs: Tell Your Story, Stand Out speaker: UCB (28 Oct 2025, 1:30-2:30PM, MESA Center S54)
- 6&13&20 Nov 2025 Drop-in For students preparing Transfer Application (1:30-2:30PM, MESA Center S54)

RSVP: <https://forms.gle/odhWMHMDMDWhSLxP46>



Explore Chemical & Materials Engineering at SJSU

Virtual information session:
 Why Choose Chemical & Materials Engineering at SJSU?
 Programs: BS (4-year), MS (2-year), BS+MS (5-year)

- Biotechnology & Biomedical Engineering
- Environmental Engineering
- Materials Processing & Nanotechnology
- Oil & Gas, Pharmaceuticals, and more!

Date and time: Thursday, 6 November, 2025 | 4-5 PM
 Register for Zoom Link: <https://forms.gle/pRhcLch1avLk3BVv5>



MESA FALL CONFERENCES

Below are a few Conferences opportunities for MESA Students. Registration fees and accommodations (when out of state) will be provided by the MESA Program. ONLY MESA Students are allowed to apply. Deadline to register is Sept 26. For opportunities that have limited space, all applicants will be evaluated, with preference given to students who have participated in the program.

RSVP Form: <https://docs.google.com/forms/d/1AOIndmKxlXglqacWPcV5WZ72Ks5pZVjAVDmEcba18TK/prefill>

- SACNAS conference (30 Oct 2025 at Columbus, Ohio). (8 Spots Available)

For more information: <https://www.sacnas.org/conference>

- Conference American Chemical Society Western Regional Meeting (25-28 Oct 2025 at 170 South Market Street, San Jose, California 95113). (5 spots available)

For more information: <https://www.acs.org/events/all-events/2025-western-regional-meeting-wrm.html>



MESA STEM Talks presents "From housecleaning to Hardware Engineering"-Rebeca Lopez Valerio (Hardware Engineer @ Cisco)

MESA STEM Talks presents "From housecleaning to Hardware Engineering"

Rebeca Lopez Valerio
 Hardware Engineer @ Cisco
 Hecha en Mexico (Mexican breed), Silicon Valley raised, Rebeca navigated an undocumented status to become a Hardware Engineer at Cisco Systems. She developed her technical background with a degree in Electrical Engineering from San Jose State University while running a sole proprietorship and an LLC.

Where: ONLINE (Zoom Link will be sent to those who complete this form)
 When: Thursday, 11 Dec 2025, 6:00-7:00pm

RSVP: <https://docs.google.com/forms/d/e/1FAIpQLSd0Pjk90S2-3lrxGniUsc0nNW0fweqcVTNzwhKbaGircy2Q0/viewform?usp=header>



Santa Clara County District Attorney's Crime Laboratory Presentation

The presentation from Cordelia Willis consists of a 2-hour talk about the forensic work performed in the Santa Clara County Crime Lab. It virtually walks through all the different areas of the lab using photographs and case examples, showing how crimes such as homicides and sexual assaults are investigated.

Date: Thursday, October 30, 2025
 Time: 10:00 AM - 12:00 PM
 Location: Crime Lab Training Room
 250 W. Hedding St., San Jose (near Civic Center Light Rail)

For registration: Free & Open to the Public
 Reservation Required: Email Cordelia Willis at cwillis@lab.sccgov.org



Johnson&Johnson-WISTEM2D Mentorship Program

This program connects university students pursuing careers in STEM2D fields with Johnson & Johnson employees for one academic year.

Deadline: 31 October 2025
 Registration: <https://airtable.com/appt4mRLa1ETwsu/pag49Jr12X1P33WS3/form>



SLAC's Community College Internships

Looking for a summer internship? Come learn about SLAC's Community College Internships! Our internship programs are designed to provide interns with stimulating, real-world work experiences. Interns can work up to twelve weeks from May until September, depending upon department needs and school schedules.

Date: Tuesday, 4 November 2025
 Time: 1:30-2:30 PM
 Location: S55 PST Village
 How to apply and for more information: <https://careers.slac.stanford.edu/slac-summer-internship-program>



Research-Undergraduate Summer Research Opportunities at C-GEM!

You are invited to apply to C-GEM's Summer Undergraduate Research Program (C-GEM SURP) where you will have the opportunity to perform cutting-edge research under the mentorship of seasoned scientists.

C-GEM is seeking to expand the chemistry of the proteome, and projects span the chemistry-biology interface, including projects in organic synthesis, mass spectrometry, directed evolution, and structural biology. The program provides housing and board, a generous stipend, and support for travel to and from the research site. No prior research experience is required to participate!

Applications are due February 1st
 Registration: <https://www.joform.com/form/252316868865168>
 For more information: <https://gem-net.net/join/undergrad/>



Info Session-Undergraduate Summer Research Opportunities at C-GEM

Join us for an information session/Q&A in November to learn more about the details of the program and how to write a competitive personal statement for your application.

Date and Time: Thursday, November 6, 2025, 12-1 PM PT
 Thursday, November 6, 2025, 3-4 PM PT
 RSVP Info-Session: <https://airtable.com/apptCe1Hh0ERRZYIA/paguMglH2YUdyMoR/form>



Research Program-Lamat REU Program

The Lamat REU program participants engage in inquiry-based learning in astronomy and planetary sciences using state-of-the-art astrophysical simulations as a common pillar. We accept applications from all undergraduate students, but we particularly encourage students from community colleges to apply.

- Summer Program: June 22 - August 14, 2025
- Application Deadline: Monday, December 1, 2025 (PST)
- How to apply and for more information: <https://lamat.science.ucsc.edu/students/>

Questions? Contact Deana Tanguay, Managing Director: tanguay@ucsc.edu



Sierrathon - The PCB Design Challenge

Put your PCB skills to the test! Sierrathon is not your average design competition, it's a high-energy, fast-paced challenge where engineering students tackle real-world PCB design problems under pressure. Over the course of one intense day, teams will simulate the design process, earning points for accuracy, efficiency, and innovation. The team with the highest score takes home the Sierrathon Champion title!

Competition details
 Venue: San Jose State University, Room 285
 Date: Saturday, November 22nd
 Duration: One full day from 9 AM to 5 PM (~8 hours, including breaks and awards)
 Teams: 1-5 students per team

Only students with basic PCB design skills will be qualified to sign up.
 Registration and for more information: <https://www.protoexpress.com/event/sierrathon/>



MORE OPPORTUNITIES

Looking for potential Internship opportunities? Check out these websites

- [REU Finder for STEM undergraduates](#)
- [STEM Community College Resource](#)

Get Updates From Our Transfer Center

Transfer Center Website
 Join the mailing list through [this form](#).



Math, Science & Technology Resource Center (MSTRC)

Need some extra support? Stop by the MSTRC for additional tutoring and resources!

Tutoring Subjects

- Math
- Physics
- Chemistry
- Biology
- Engineering

Services Offered

- Drop-in Tutoring
- Weekly Individual Tutoring
- Group Tutoring
- In-Class Tutoring
- Workshops (back by popular demand)
- Math Review and Preparation
- Math Modules
- Study Skills



UNDOCUSTEM

UndocuSTEM aims to support undocumented students in the fields of STEM (Science, Technology, Engineering, Math) through accessibility, opportunity, and resources by creating a program that promotes equity, racial justice, leadership, and career development. The UndocuSTEM program was founded by students, and funded through the LatinXCEL grant from the Silicon Valley Community Foundation.

Connect with UndocuSTEM!

Instagram
 Discord
 Email: da.undocustem@gmail.com



SACNAS (Society for Chicano and Native Americans in the Sciences)

De Anza College is in the process of getting a SACNAS Chapter. If you are interested in joining, please fill out this interest form