

FALL 2025

FULLERTON COLLEGE MESA

# NEWSLETTER



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For more information about the **MESA** program, please visit our website and follow us on Instagram:

 [mesa.fullcoll.edu](http://mesa.fullcoll.edu)  [fc\\_mesa](https://www.instagram.com/fc_mesa)

### • Director's Message

Fullerton College MESA started its first full academic year this semester with many MESA student experiences. MESA students won STEM competitions, presented at undergraduate research conferences, and participated in other various STEM experiences. Thank you for your continued support and collaboration! The future looks bright with this semester's news from the California Community College Chancellor's Office that MESA is now implemented in Title 5 Education Code.

-Dr. Carlos Aguirre, MESA Director



Click the icon to view our Instagram recap for the stories in this newsletter! 

# Hornets Tutoring & Drop-In Tutoring

In collaboration with **Hornets Tutoring** and the **Academic Support Center**, MESA students received tutoring in various Chemistry, Physics, and Math courses at the STEM Center this semester. These sessions offered students convenient access to academic support and helped strengthen their success in challenging courses.

Thank you Hornets Tutoring and ASC for providing these valuable services to our students! 





**MESA**  
Math • Engineering • Science  
Achievement

## COUNSELING HOURS FALL 2025

MONDAY	TUESDAY	WEDNESDAY
By Appointment: 10:00AM - 2:00PM  In-Person  Counselor: Bradley Conrad	By Appointment: 9:00AM - 11:00AM  In-Person or Virtual/Remote  Counselor: Jon-Michael Hattabaugh	By Appointment: 12:00PM - 3:00PM  Virtual/Remote  Counselor: Bradley Conrad

**STEM Center**  
Bldg 1200, Rm 1246  
**Counseling Center**  
Bldg 2000, 2<sup>nd</sup> Floor  
**MESA@fullcoll.edu**  
**(714) 992-7725**

Schedule an appointment here:  
<https://esars.fullcoll.edu/eSARS/MESA/eSARS.asp>



# Counseling

This semester, the **Counseling Division** and MESA partnered to bring counseling services directly to the STEM Center! MESA counselors have been available both in-person and remotely to assist students with transfer planning, course selection, and creating or updating their Student Educational Program Plans.

Thank you Counseling Division for the collaboration!

# Conference for Engineering Diversity

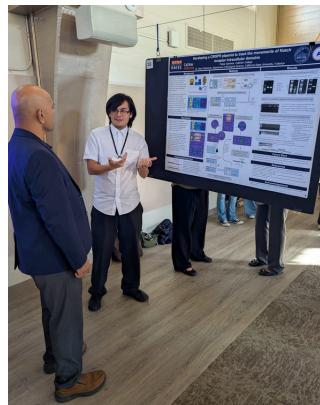


MESA students attended San José State University's **Conference for Engineering Diversity**, a day of workshops and networking designed to empower diverse voices in STEM. They gained valuable career insights, built connections with industry professionals, and strengthened skills to support their future in STEM. 

## Southern California Conference for Undergraduate Research



MESA students showcased their research at the **Southern California Conference for Undergraduate Research**, sharing their work with the STEM community and building professional connections. They also had the chance to learn from others' research presentations, broadening their perspectives on innovative topics in STEM. 



# Transfer and Research Student Panel



Fullerton College MESA alumni and current students shared their transfer journeys and STEM summer research experiences at our **Transfer and Research Student Panel**. Attendees received valuable insights and advice from their peers who had already navigated the transfer and research process. 

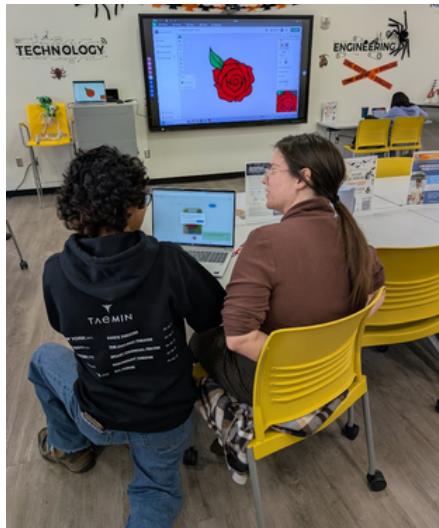
# CSUF STEM Career and Internship Expo



MESA students joined Cal State Fullerton's **STEM Career and Internship Expo**, where they connected with over 30 employers in engineering, computer science, healthcare sciences, and more. It was an enriching experience of exploring opportunities, gaining insights, and building professional connections.

# WORKSHOPS

## 3D Printing



This semester, MESA hosted two **3D printing workshops** where participants learned how to transform digital designs into physical creations. The first featured a spooky theme with fun Halloween-inspired prints, while the second was a collaborative event with the **Student Success Advocates**, offering even more hands-on learning and creativity. 



# WORKSHOPS



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## Music Beats Workshop

Learn hands-on STEM skills and apply those skills to producing a beat!  
Prizes \$\$\$ for the top 3 beats!!!  
Free food and video games during workshop!!!

Friday Dec 5, 2025  
12:00 PM to 3:00PM  
STEM Center

The top image shows a promotional graphic for the MESA Music Beats Workshop. It features the MESA logo, the workshop title in large yellow letters, and a green alien-like character holding a DJ mixer. The bottom image shows four students sitting at a table, working on electronic projects related to the workshop.

## Music Beats

MESA hosted a **Music Beats Workshop** where students explored hands-on STEM concepts by creating their own music beats. Participants built and programmed their own synth and DJ mixer by coding and using soldering kits. The event combined creativity and technology, offering prizes for the top beats and opportunities to collaborate with MESA peers.

## Undergraduate Research 101

**Project RAISE** from Cal State Fullerton hosted their **Undergraduate Research 101** workshop at the STEM Center. Students got to learn what undergraduate research is, how to get involved in research opportunities during the summer, and how to be a standout applicant.



# STEM COMPETITIONS

## MESA Idea Accelerator



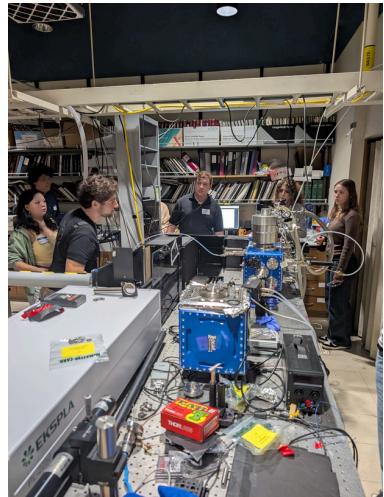
**Mario Mendoza** competed in the 2025 MESA Idea Accelerator and won second place! Mario and the team tackled a community challenge using the Human-Centered Design (HCD) process and entrepreneurial thinking. Their innovative solution culminated in a market-ready prototype pitch presented to a panel of industry judges. 

## Cal State LA Hackathon



**Reyli Hernandez** competed in the 2025 CSULA Hackathon and won third place! Reyli and the team worked on a predictive cancer model that graphed out how cancer could progress in a patient, factoring in personalized health data and individual characteristics. 

# California Institute of Technology



MESA students spent the day at **Caltech** touring cutting-edge chemistry labs, learning about summer research programs, and hearing from graduate students about research and graduate school pathways. They even got to see first editions of Charles Darwin's and Isaac Newton's books! 

## UC Irvine



MESA students enjoyed an exciting day at **UC Irvine**, starting with an admissions presentation and a student panel, followed by hands-on tours of the Rocketry Lab and Makerspace. 

## UC Santa Barbara



MESA students explored **UC Santa Barbara** with a campus tour, a visit to the Transfer Center, and an immersive experience in a fluid dynamics laboratory, along with learning about the University MESA program. 



# MESA Orientation



MESA welcomed newly onboarded Fall 2025 students with an **orientation** designed to introduce program resources, academic support, and upcoming opportunities. The session helped students connect with staff and peers while learning how MESA can support their success in STEM.

## Fall Semester Kickoff



MESA kicked off the fall semester with a fun and interactive social event! Students connected with peers while enjoying video games, board games, and card games, creating a welcoming space to build friendships and community.

# The Science of Salsas



**MESA** and **Promise** teamed up for a lively salsa-making competition with science spiciness. Attendees explored the chemistry behind salsas and voted for their favorite salsas! There were a total of six salsas (three from Promise and three from MESA). Cindy from Promise took home the President's Choice with her Salsa de Tomatillo, while Dr. Aguirre from MESA won the People's Choice with a Mango Habanero creation. 

