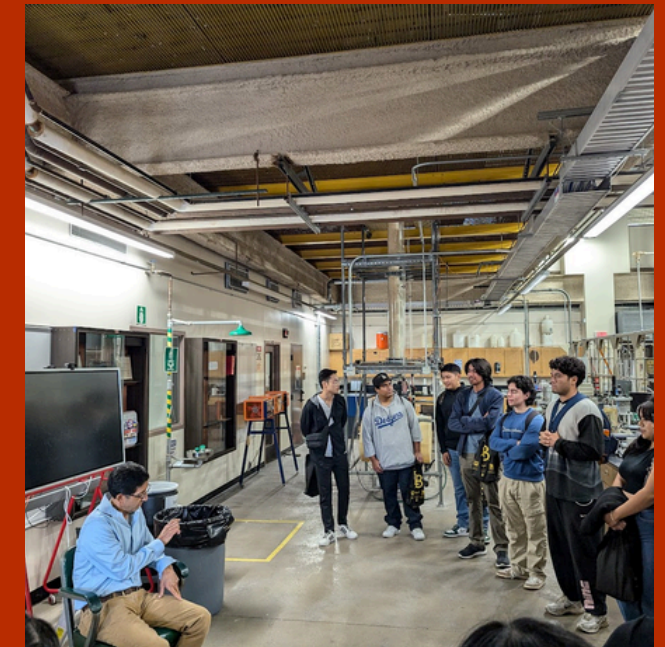
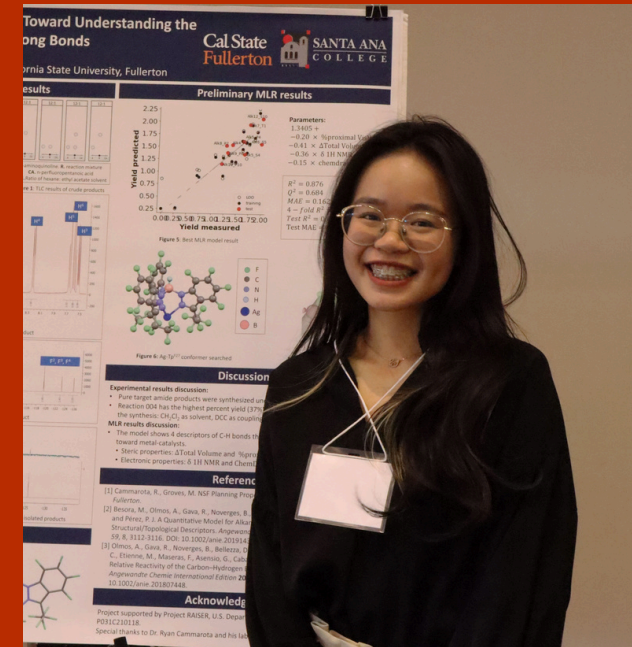


SEAP PRESENTATION

THURSDAY, OCTOBER 9, 2025

Dan Ruiz, *MESA Faculty Coordinator*



Question #1

Which equity goal(s) did your program address or primarily focus on?






Question #1

Successful Enrollment

The MESA Program assessed the successful enrollment and attempts/completion of STEM courses by African American students

First Primary Term to secondary term

The MESA Program has assessed male student persistence from their first primary semester to secondary term. This analysis is determined by the CNSL 104. This course indicates a student's first term in the MESA Program (fall or spring)



Question #1

Transfer

The MESA Program has assessed the successful transfer rates of male students in our program

Completion

The MESA Program has assessed the successful completion rates of male students. Completion as determined by STEM focused degrees: AS degree (1), Certificate of Achievement (1), and ADT degrees (4)

Question #2

What approaches or processes has your program implemented to foster and further a culture of equity at SAC?



Question #2

Support Services for Underrepresented Students in STEM

The MESA Program offers comprehensive support to STEM students focusing on both student services and academic success.

Student Services

- Counseling
- Transfer App Support
- Workshops
- University Visitations
- Guest Speakers
- STEM University Reps
- Professional Conferences

Academic Success

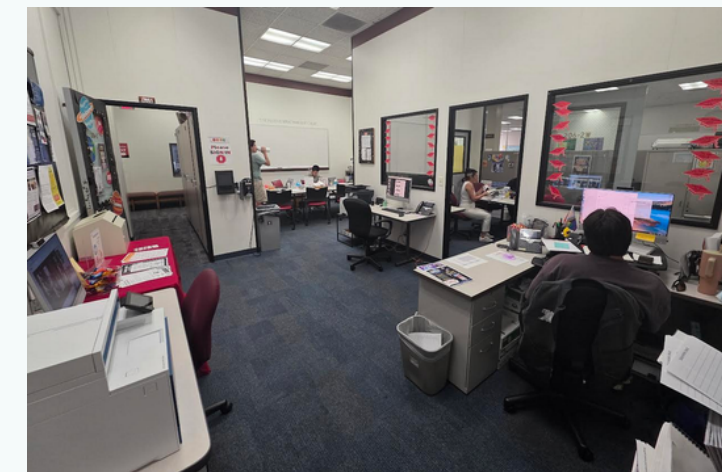
- Tutoring
- Textbook Library
- Course Materials
- Access Codes
- STEM Faculty Workshops
- Research Opportunities

Inclusive Curriculum and Training for our MESA Team

Our CNSL 104 instructional faculty are dedicated to promoting STEM success through a diverse and inclusive lens.

CNSL 104: Required for all MESA students

Each fall and spring semester, MESA Instructional Assistants (Tutors) undergo comprehensive training that equips them to foster an inclusive and supportive environment in the MESA Center



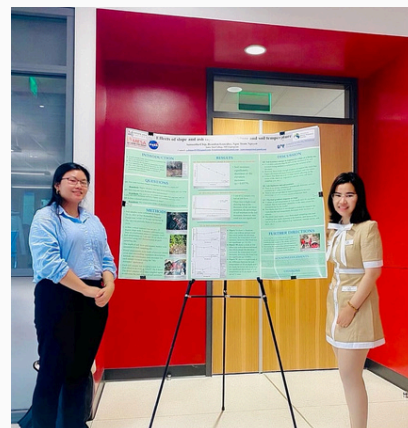
Question #2

Engaging in STEM focused Equity Initiatives

The MESA Program provides opportunities for academic and professional growth. Students are motivated to organize inclusive peer-led groups, engage in diverse faculty led activities (STEM Month) and return to SAC to deliver powerful messages of inspiration and success from a first-generation student.



Medlife Club
Dan Ruiz, Advisor



STEM Month



MESA Summit
Karen Abaca

Collaboration with our STEM Educational Partners

The MESA Program collaborates with our 4-year university partners to build STEM opportunities in research and inclusive events/activities.



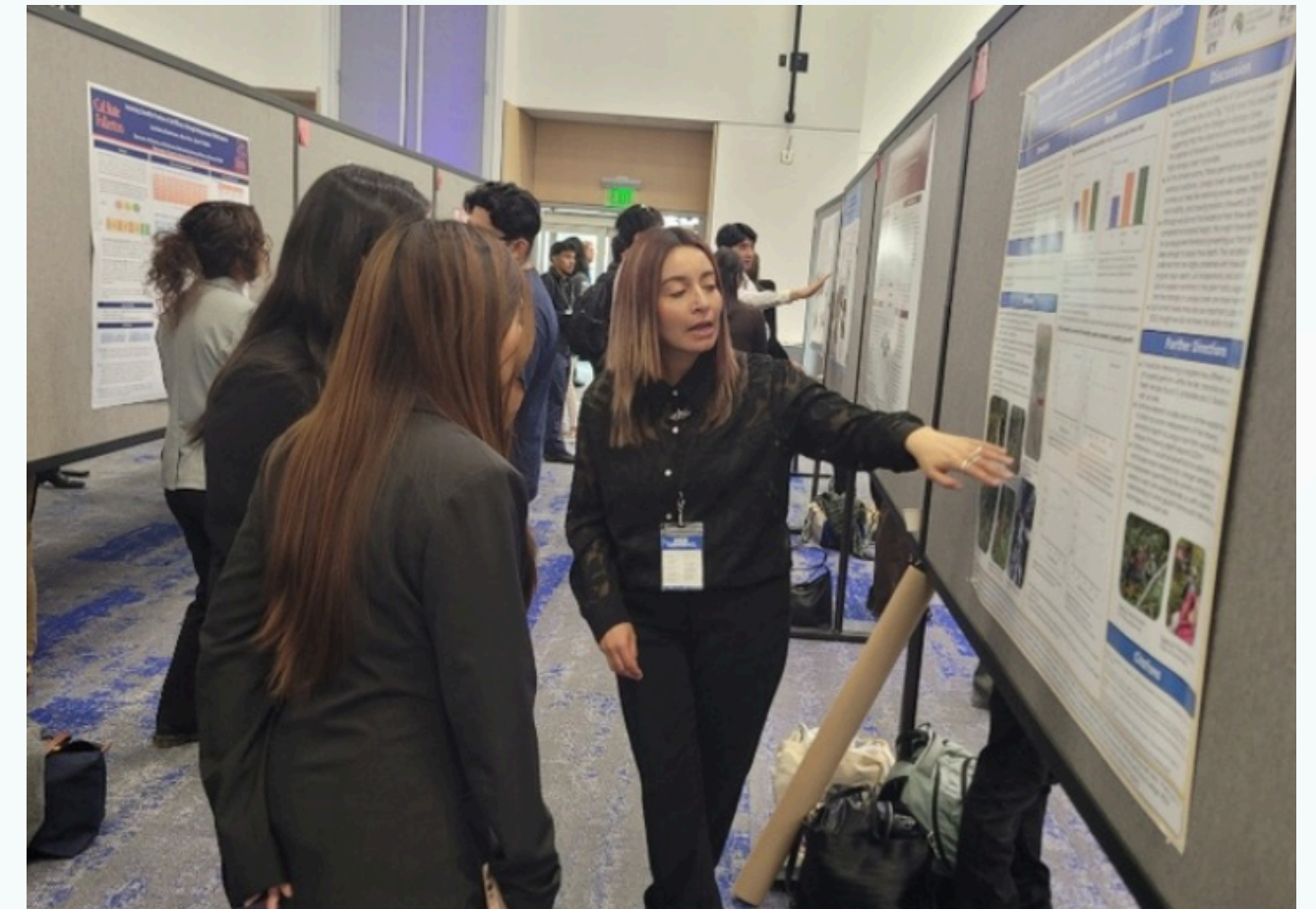
MESA STEM DAY

The 21st Annual Cal State LA MESA STEM Day event kicks off the MESA College Prep Program for our partner schools. Prospective students from middle school to community college are invited to take a closer look at Cal State LA and the College of Engineering, Computer Science, and Technology.

Fall 2025, and celebrating 20 years of partnership with Boeing.

Question #3

Share 2 or 3 specific examples of how your program has helped reduce equity gaps and contributed to the SEAP-focused outcomes outlined in the SEAP 2022-2025 Student Equity Plan



Question #3

Example 1: Completion of Degrees & Certificates

AS, Engineering

Semester	#	% Growth
Spring 2023	5	n/a
Spring 2024	10	+100%
Spring 2025	16	+60%

AS-T, Mathematics

Semester	#	% Growth
Spring 2023	7	n/a
Spring 2024	25	+257%
Spring 2025	18	-28%

AS-T, Chemistry

Semester	#	% Growth
Spring 2023	2	n/a
Spring 2024	5	+150%
Spring 2025	2	-60%

CA, Engineering STEM Core

Semester	#	% Growth
Spring 2023	30	n/a
Spring 2024	33	+10%
Spring 2025	60	+82%

AS-T, Physics

Semester	#	% Growth
Spring 2023	1	n/a
Spring 2024	7	+600%
Spring 2025	5	-28%

AS-T, Biology

Semester	#	% Growth
Spring 2023	6	n/a
Spring 2024	13	+116%
Spring 2025	10	-23%

Note: Pending additional data from Research Office

Question #3

Example 2: Persistence - First Term to Second Term

Academic Year: 2023/2024 Male Persistence to the secondary term					
Course	1 st Term	2 nd Term	Enrolled	Persist	Percent
CNSL 104	Fall 23	Spr 24	37	32	86%
CNSL 104	Spr 24	Fall 24	22	14	64%

Academic Year: 2024/2025 Male Persistence to the secondary term					
Course	1 st Term	2 nd Term	Enrolled	Persist	Percent
CNSL 104	Fall 24	Spr 25	36	26	72%
CNSL 104	Spr 25	Fall 25	23	16	70%

Note: Pending additional data from Research Office

Question #4

Based on your responses, what do you think is working well that you hope to continue in the upcoming academic year?

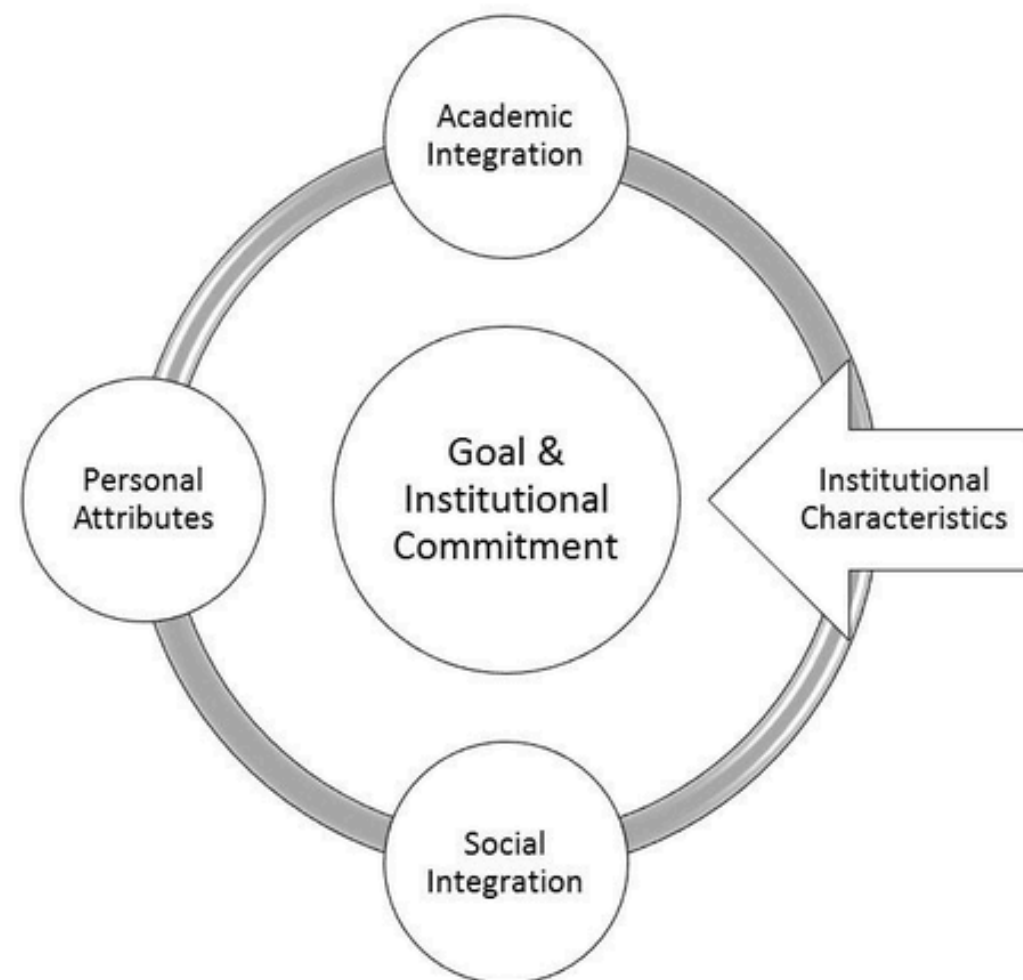


Question #4

Student Persistence & Retention based on the MESA's Student-Centered Model

Tinto's Model of Retention

"Students who feel socially and academically connected to their institution are less likely to drop out"



MESA Retention & Persistence

- MESA students connect through a semester long program orientation course. This course connects students to their peers, the institution, and the purpose of their academic studies (CNSL 104)
- The MESA Center provides a dedicated space for participants to connect with other peers, academic tutors and the MESA staff. Reinforcing trust and dedication to their personal success.
- MESA sponsored events such as the Summit, Field trips, and professional conferences build a student's social integration. Building confidence and interpersonal communication skills