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 @saccitymesa

NOVEMBER

WELCOME TO FALL

RESEARCH OPPOTUNITIES

Research with Dr. Dao

CHEM 484 - Advanced General Chemistry Honors (Prereq. CHEM 400)

Research with Dr. Ochoa

CHEM 410 - Quantitative Analysis (Prereq. CHEM 401) - ONLY OFFERED IN SPRING

Research with Professor Tonya Atkins

CHEM 429 - Research in Chemistry (Prereq. CHEM 410)

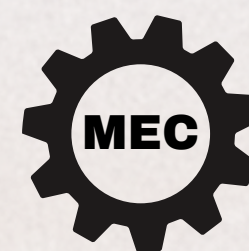
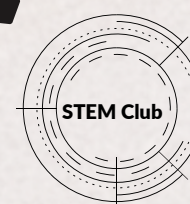
Research with Dr. Miller

<https://www.wjwmiller.com/miller-research-group> (No prereq.)

Interested students should reach out to Professor Miller.

STEM Clubs at Sac City College

- American Medical Student Association (AMSA)
- Diversity in Medicine Club
- Multicultural Engineering Coalition (MEC)
- SCC Math Club
- STEM Club
- Sustainability and Environmental Club


SCC Math Club, MEC, STEM Club, and Sustainability & Environmental Club logos were created for use within this Newsletter and created by MESA.

DID YOU MISS OUT?

On October 14, 2023, MESA students went to the UCD Pre-Health. This was followed by the Math Club's Rubix Cube Competition on November 3, 2023, at 2 PM in room RHN 317, providing math enthusiasts with an exciting challenge.

November 3, 2023, was the UC Davis STEM Transfer Day, offering valuable insight into STEM transfer pathways. Additionally, on November 2, 2023, from 10:30 a.m. to 11:30 a.m., the Tech Career Insight event with guest speaker Joe Sarabia from Microsoft, provided valuable insight into the tech industry.

See the next page to learn about an insightful research opportunity.

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DID YOU MISS OUT? CONTINUED

MESA's Research Ambassador, Jessica de Laguna, hosted the well-received "Don't Be Spooked By Research" event on October 24, 2023. Dr. Gerardo Ochoa, a Chemistry Professor, provided valuable insight for MESA scholars, emphasizing research as a systematic investigation and guiding them on how to start their research journey, including course recommendations and practical advice.

For those considering graduate school, Dr. Ochoa provided some tips:

- There are some opportunities where grad school is paid for if you go straight from your bachelor's degree into grad school.
- There is a required test called the Graduate Record Exam or GRE, similar to an SAT.
- Choosing your research topic is not the only thing to consider when selecting a research project; your boss and lab-mates matter too.
- If you don't like your research project, remember that you can switch.
- Expect failure from research. Researchers have to learn how to fail and get back up again.

Finally, for students interested in conducting undergraduate literature research and presenting their research next semester with **MESA's Student Research Ambassador Jessica de Laguna**, they can email her at W2001972@apps.losrios.edu or watch their Canvas event announcements next semester.





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IMPORTANT DATES

'Tis the season for college applications, essays and workshops. Mark your calendars!

MON	TUE	WED	THURS	FRI
		11/1	11/2	11/3
11/6	11/7	11/8 Transfer Center Support for PIQs* essay	11/9 UC Application Workshop	11/10
11/13 MEC* Club meeting RHS 122	11/14	11/15	11/16 AMSA* Club meeting RHS 122	11/17
11/20 MEC* Club Zoom Transfer Panel	11/21	11/22	11/23 SCHOOL CLOSED	11/24 SCHOOL CLOSED
11/27 MEC* Club meeting RHS 122	11/28	11/29	11/30 UC & CSU Applications DUE	

**Personal Insight Questions (PIQs)*

**Multicultural Engineering Coalition (MEC)*

**American Medical Student Association (AMSA)*

**University of California (UC)*

**California State University (CSU)*



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SCHOLAR HIGHLIGHT

Check out what our students are up to! Email us if you are interested in being highlighted at mesa@scc.losrios.edu

HAISAM ALEMI

When I relocated to the United States, I settled in Sacramento and enrolled at Sacramento City College and later transferred to UC Davis, where I obtained my Bachelor of Science degree in Biological Sciences. Along this path, several key experiences have played a pivotal role in shaping my academic and career trajectory.

During my time at Sacramento City College, I had the privilege of being mentored by some exceptional and supportive professors...This organization not only provided me with a sense of belonging but also enabled me to connect with individuals who shared similar backgrounds, making my college experience extremely pleasant.

Through MESA, I had the unique opportunity to participate in Prep Medico, a program designed to train the next generation of physicians who are historically underrepresented in the field of medicine. Through this program, I gained invaluable leadership skills and hands-on experience at UC Davis Medical Hospital and Kaiser Permanente Hospitals. These experiences were instrumental in preparing me for my future endeavors in the medical field.

Furthermore, my association with MESA facilitated meaningful connections with two professors in the Chemistry Department at Sacramento City College. This connection led to my involvement in research related to brown carbons. This research not only expanded my academic horizons but also allowed me to make a tangible contribution to the field.

At present, I am still involved with MESA, albeit in a different capacity - as an employee. I serve as an instructional assistant, offering guidance and support to MESA students. This role allows me to pay forward the support and encouragement that I received during my community college years.

Also, I am currently in the process of applying to medical schools, representing the next step in my pursuit of a career in medicine. The experiences I've gathered, both as a MESA participant and now as a MESA employee, have equipped me with a unique perspective and skill set that I believe will be of immense value as I embark on my medical school journey and beyond.



HAISAM ALEMI,
SCC MESA Alumnus