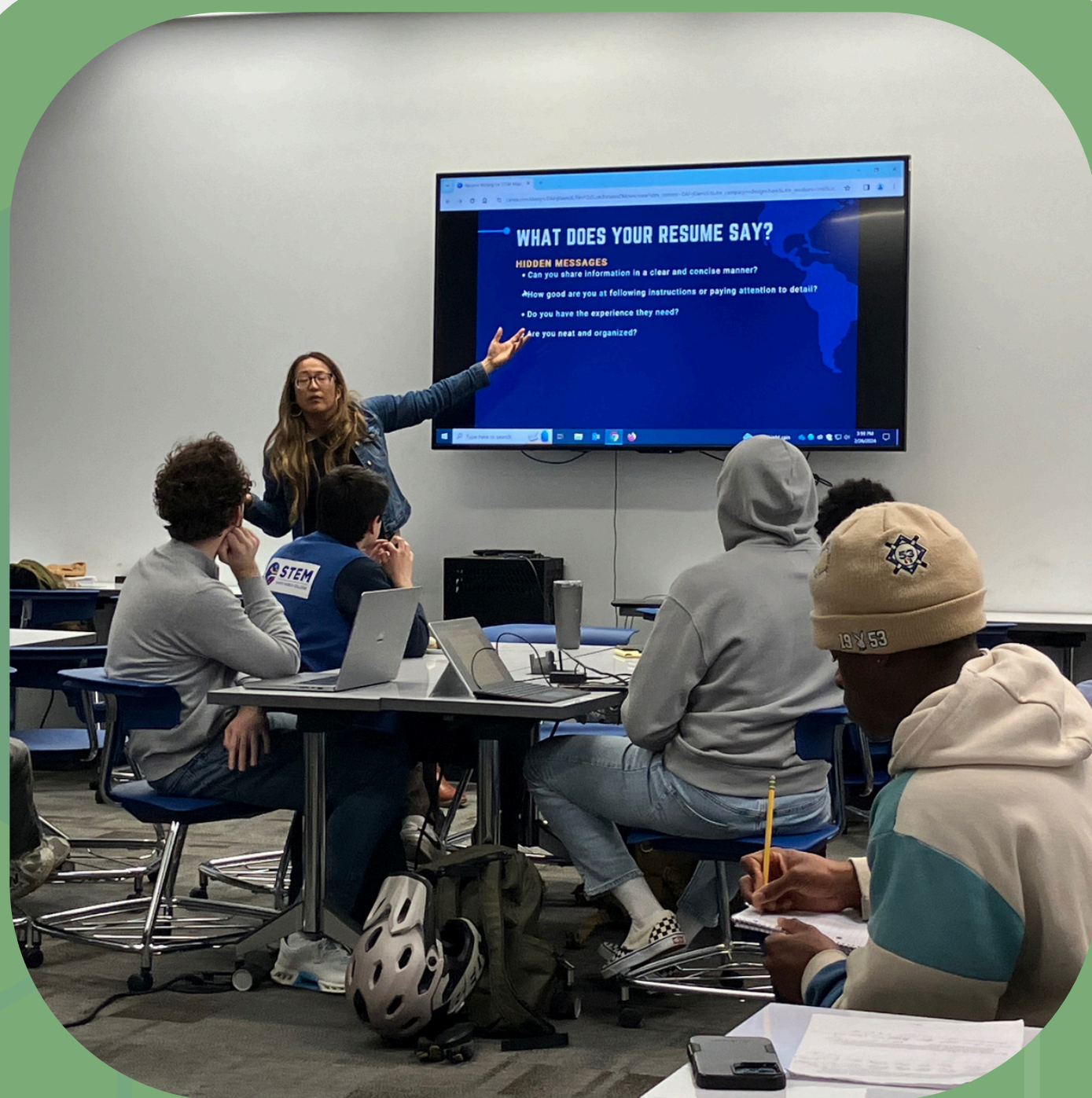


STEM-MAS

NEWSLETTER

MAXIMIZING ACHIEVEMENT IN STEM (MÁS)



Joan Kang, Senior Career Services Advisor
presenting on
“Resume Writing for STEM Majors”

Visit [YouTube](#) for past workshop recordings

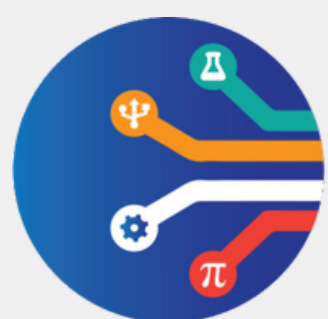

**SPRING
2024**
PART I

Our STEM/MÁS
Program Application
is now OPEN!



REMINDER

We encourage you to still check your STEM
Canvas regularly and to follow us on Instagram
@smcstem for up-to-date information.



STEM
SANTA MONICA COLLEGE

(310) 434-3988

STEM@SMC.EDU

DH301

PROGRAM SERVICES



STEM Counseling

Appointments can be made by contacting us directly via email, phone, or through our Appointment Request Form. Unless you are in the STEM program, you can make an appointment through your Corsair Connect.

Counseling Corner

Is your final semester at SMC this spring? If yes, make sure to meet with a counselor to determine any degrees, certificates and/or certification you may be eligible for! The online petition forms can be submitted at the start of the spring semester until April 15th.

Peer Mentoring and Tutoring

STEM Lab hours:

Mon-Thur: 8am-5pm

Fri: 8am-12pm

Location: DH 302

Online hours:

Mon-Fri: 8am-5pm

Zoom Link

Subjects:

| Bio | Chem | CS | Engr |
| Math | Physics |



Supplemental Instruction (SI)

Supplemental Instruction (SI) is an academic assistance program at SMC that provides free out-of-class sessions to students enrolled in specific courses. SI leaders engage students in interactive group activities to help them learn course concepts, prepare for exams, and learn effective study skills.

STEM-MÁS PROGRAM

MAXIMIZING ACHIEVEMENT IN STEM (MÁS)

APPLY NOW!

Maximizing Achievement in STEM (MÁS) is an academic support program designed to assist traditionally underrepresented students in successfully completing their STEM Courses. All students majoring in STEM are eligible to apply!*

Benefits:

- Priority Enrollment
- Access to STEM Tutoring
- Connect with a community of STEM Peer Mentors and Alumni
- STEM Counseling/Advising
- Reserved sections of select STEM courses
- Scholarships
- Industry internships and externships

*Only students pursuing their first degree are eligible. Students who have earned a bachelor's degree are not eligible to apply.



APPLY NOW!

**Application
Dates**

**Application
is now
OPEN!**

**Application
deadline:
May 31st**

REQUIREMENTS

- Attend Program Orientation
- Participate in STEM Skills Week
- Take Counseling 12, Counseling 15, and Science 10 during their first year in the program
- Attend at least two counseling appointments during Fall and Spring
- Attend at least one STEM Workshop during Fall and Spring
- Meet with a Peer Mentor/Tutor at least twice during Fall and Spring



**Questions? stem@smc.edu
(310) 434-3988
Main Campus, Drescher Hall 301**

STEM- TUNITIES

Engaging in scientific research and internships at community colleges offers practical experience, enhancing critical thinking and problem-solving abilities. This makes students more appealing to employers and boosts their chances of successfully transferring to four-year colleges, paving the way for academic and career success.



JPL SUMMER INTERNSHIP

» ASTRONOMY, ENGINEERING, PHYSICS

»» March 29

The JPL Summer Internship Program offers opportunities to undergraduate and graduate students. Students are partnered with JPL scientists or engineers, who serve as mentors. Students complete projects, gain educational experience in their fields of study, and contribute to NASA and JPL missions.

The Cultivating Interest in Research Careers (CIRC) program is a partnership between UCLA and Charles R. Drew University of Medicine and Science. The goal of the CIRC Program is to help prepare students pursue research careers in the biomedical sciences.

»» March 18

» HEALTH, PREMED, BIOLOGY

CIRC PROGRAM



AACRE PROGRAM

» ENGINEERING, PHYSICS

»» Late May

Stanford Department of Aeronautics and Astronautics provides community college students with an opportunity to explore research careers. Students gain experiences that will help them strengthen their knowledge, skills and understanding of research methodologies.



BREAK THROUGH TECH AI

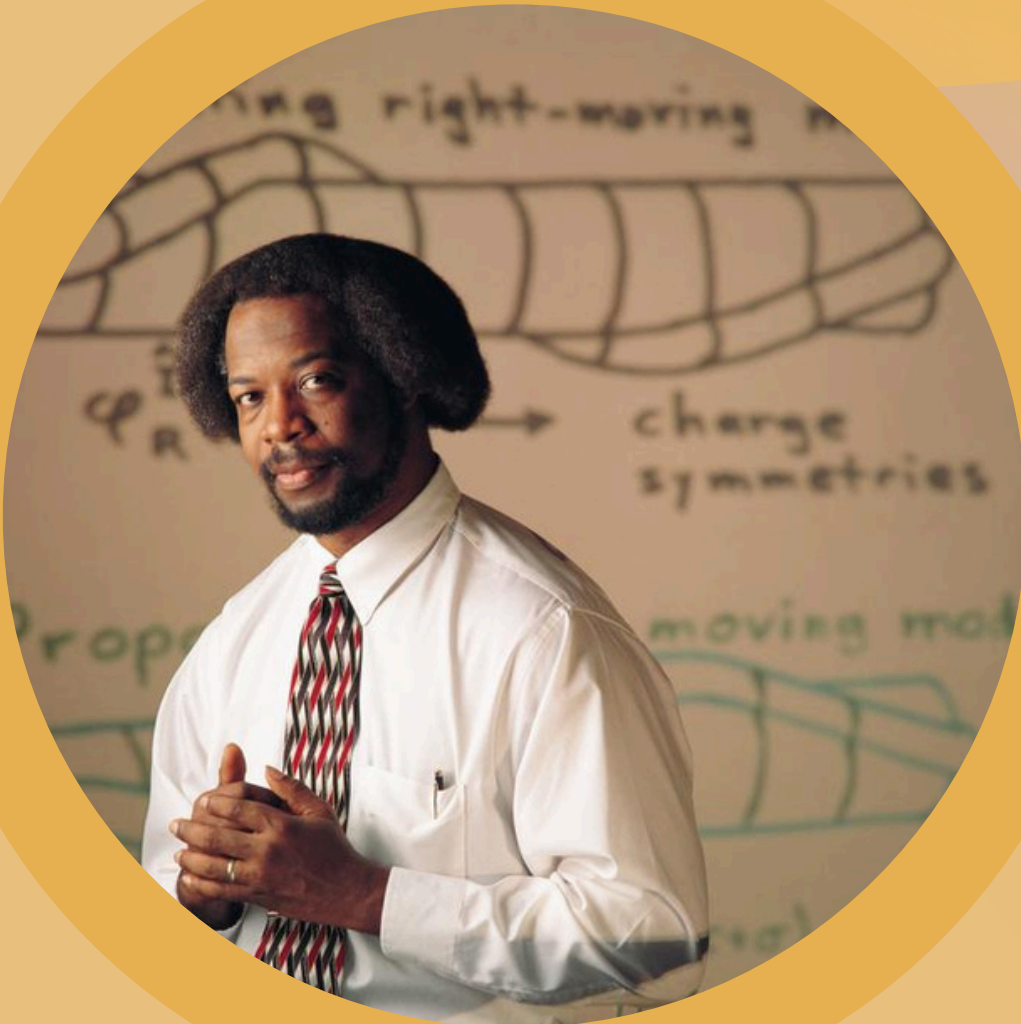
»» March 18 » COMPUTER SCIENCE, DATA SCIENCE

The Break Through Tech AI Program helps undergraduate college women (trans and cis), nonbinary, and other underrepresented groups in tech gain the skills they need to get jobs in the fastest-growing areas of tech: data science, machine learning, and artificial intelligence.

Black History Month

Spotlight Series

During the month of February, we celebrated Black History Month and have highlighted several Black STEM pioneers as part of our spotlight series.



Sylvester James Gates

A theoretical physicist known for his work on supersymmetry, supergravity, and superstring theory. He currently holds the Clark Leadership Chair in Science with at the University of Maryland. He served as an advisor to President Barack Obama during his term.

Mae Carol Jemison

An Engineer, Phycisian, and NASA astronaut. She was the first African-American woman to travel into space aboard the Space Shuttle Endeavour in 1992. She is the principal of the "100 Year Starship" project.



Percy Lavon Julian

A research chemist who was the first to synthesize the natural product physostigmine and was a pioneer in the industrial large-scale chemical synthesis of the human hormones from plant sterols. His work laid the foundation for the steroid drug industry's production of corticosteroids and birth control pills.



STEM Spotlight Series

Dexter Mack
Current STEMie

Major: Statistics
Transfer Goal: Stanford
Career Goal: NBA Data Scientist

I have always loved the idea of **combining my early love of basketball with my later found love of computer science and math** to be a fundamental part of the league I grew up watching. **Enriching my knowledge** of programming and machine learning tools will boost **my ability as a statistician and computer scientist**, and acquiring this knowledge will give me the ability to make better decisions not only for myself in my own life but for whatever team takes a chance on me.


**UCLA IDEA
Hack-a-thon
Winter 2024**



How has the STEM/MAS Program helped you so far in your journey at SMC?

It's only my second semester at SMC but the amount of **support and dedication** that I receive every day in the **STEM Lab** from people like Paulette and Mrs. McArthur is invaluable, and I don't think I would have gotten it anywhere else.

What changes have you experienced being in the STEM program?

I always thought that when I became a STEM major, it would be lonely, as it is always depicted in social media or other testimonies, but I think **talking to people who relate** to the same thing **academically** is one of the biggest changes I saw in myself as I've been here. **Everyone understands it's hard and that's okay.**

As an aspiring Statistics and Data Scientist, what do you hope to accomplish after you graduate?

I hope to go back to **the teacher who pushed me to pursue this endeavor** and thank her. It has always been something I've wanted to do because she is one of the most **impactful people** in my life.

If you had to give advice to yourself when you first started at SMC, what would you say?

I would say that there is no rush, that **the journey is not a means to an end**, and that you will eventually be there, guaranteed.

STEM Spotlight Series



Tamara Mmbuka STEMie Alumni

Former SMC STEM Tutor/ SI Leader

Current Position:
People Operations Specialist at Lattice

Education:
SMC, AA Public Policy Analysis
UCLA, BS in Materials Science
American University,
MS in Human Resource Analytics & Management

Looking back, what were the things you found most helpful to you at SMC?

I will say it was a mix of both faculty, staff and friends I made while in the program. Through going to Office Hours I was able to **build meaningful relationships with faculty** who guided me on my professional and academic career paths. The staff at the STEM/MAS program also offered a great deal of **mentorship around resources** for going through the transfer process and accessing support for **financial aid** as well as **psychological support!** And lastly, the friends that I made have become the best friends I've kept over the years (can't believe I'm really going to their weddings now!!).

Something you loved about being part of the STEM program, perhaps a specific memorable experience:

One thing the program taught me was how to **cultivate a community** that supports you and allows you to develop a **strong sense of self**. I look for the signs of a positive community culture in my professional and personal lives based on the experiences I gained at SMC and within the STEM program. Having amazing female and Black, Asian, and **POC role models** helped me see what positive and influential leadership is. Even when I felt like everyone else was progressing and I was standing still, anybody on staff or STEM faculty had an encouraging word letting me know **I am capable** and can do it!

If you had to give advice to yourself when you first started at SMC, what would you say?

I would say always be a go-getter! If you want something or are interested in it, speak up and **ask for support or guidance or help!** I think I missed a few things because I didn't ask for help and I realize now that **asking for help is a sign of maturity** and not weakness.

Are you a part of any professional organizations?

Welcome to the world of you can be doing **STEM-related things outside of a "traditional" STEM career**. I currently work in HR or as the tech world has rebranded it, "People Operations" as a Specialist. It's led me to **join the Society for Human Resource Management!**

FINANCIAL AID



FAFSA/CADAA

Federal and State provided financial aid.
Takes around 1-hour to fill out. Apply now!

FAFSA Link

**Priority
Deadline:
April 2nd**

CADAA Link

**Priority
Deadline:
April 2nd**

IMPORTANT!

SAP APPEAL

If you have fallen below Financial Aid SAP Standards, we strongly encourage you to submit your SAP appeal early through your E-Docs. As part of your appeal, you will need to submit an *updated* counselor-approved educational plan. Make an appointment with a STEM Counselor today for assistance!

BIPOC Scholarship

The Point Foundation's BIPOC Scholarship aims to mitigate generations of racism and an education system born from discriminatory policies by providing financial support, community resources, and professional development. Award amount up to \$1,500.

BIPOC Link

Deadline: Ongoing



CAL GRANT

Transfer Entitlement Award

This grant is for students who plan to transfer directly from a California Community College to a 4-Year University that offers a bachelor degree in the academic year that they are applying for the award. Deadline is **April 2nd** and applicants **must submit a FAFSA or CADAA** and have a minimum GPA of 2.4.

You can apply using the link below if you've already submitted your transcript to CSAC and completed your FAFSA/CADAA.

Cal Grant Link



Ebell/Flint Scholarship

Scholarship recipients are chosen based on financial need, academic achievement, and community service/leadership.

Ebell/Flint Website
Deadline: May 15th

Immigrants Rising

Find scholarships and fellowships that don't require proof of citizenship or legal permanent residency. Check out Immigrants Rising:

Immigrants Rising Link

MATH MODULES



Need more support in Algebra, Trigonometry, Statistics, or Calculus?

Add self-paced math modules for more resources!

Through these modules you have access to online textbooks, instructional videos, self-paced exercises and self-check assessments. To access these modules, you will need to self-enroll using the link below. Once you enroll you will have complete access to all the content/material in the modules.



ALGEBRA, TRIGONOMETRY, AND STATISTICS MODULES

[https://online.smc.edu/
enroll/JJB9JL](https://online.smc.edu/enroll/JJB9JL)



CALCULUS MODULES

[https://online.smc.edu/
enroll/GWN3F9](https://online.smc.edu/enroll/GWN3F9)



RESOURCES



Bodega Food Pantry



Any currently enrolled student is welcome to come by during operating hours and receive non-perishable food items, fresh produce, and toiletries.

Monday 10 am - 2:30 pm

Tuesday 10 am - 2:30 pm

Wednesday 10 am - 4:30 pm

Thursday 10 am - 2:30 pm

Friday 10 am - 2:30 pm



15 SMC Bodega Bites locations that provide students with healthy snacks

Cosmetology Salon

Hair Salon from \$10 with a valid student ID! More information at: SMC Cosmetology.



EVERYTABLE

Fresh meals available weekly at SMC Bodega. Chef-prepared, nutritious meals that can be picked up at SMC Bodega.

bento

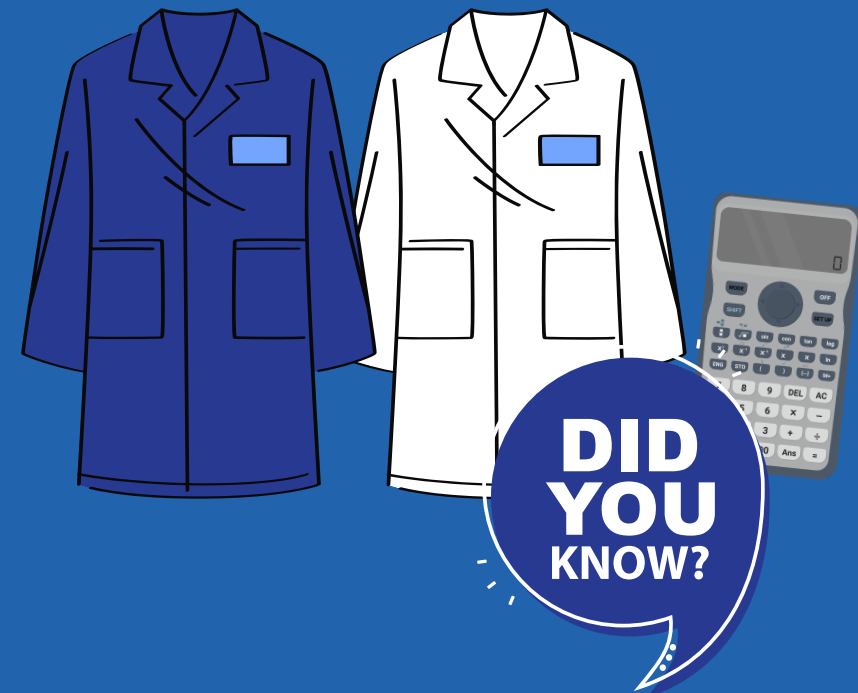
Order nearby pick-up meals each month.

To-go meals from participating restaurants by texting a request.

Lending Resources

Did you know you could borrow the following items from STEM?

- Lab coat (White - CHEM 9, 10, 11, 12, 31)
- Flame Retardant Lab Coat (Blue - CHEM 21, 24)
- Goggles for labs
- Scientific Calculator
- Graphing Calculator



Housing Assistance and Resources



Need help finding a affordable place to stay or a housing agent? Find out at SMC Housing Security.

Get the GoPass

GoPass provides unlimited transit rides throughout L.A. Pay the student benefit fee and get your Tap card to access free rides!

