

MESA/MPS/UndocuSTEM

Newsletter Winter 2024 Week 5/6

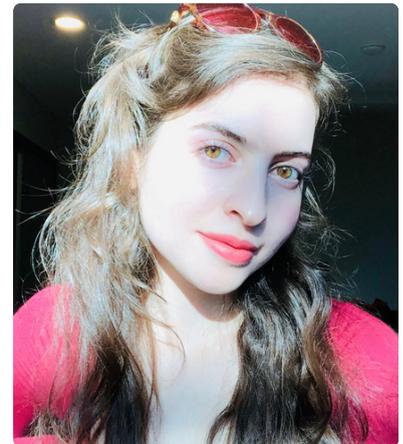
Welcome to Week Six! Please take a moment to check out some upcoming events and opportunities you may be interested in!

Meet our MESA Ambassador (one of many)

Hi everyone!

I am Rosa Jahankhah from Iran. I am studying math and computer science as a second year student. I hope to transfer in next fall to a 4-year university.

I am here to help you to find internships, research opportunities, academic opportunities such as transfer workshops, events. Join us for a good academic journey at the College.



EVENTS THIS WEEK

I Heart STEM

Create fun V-Day STEM themed cards in the MESA center. We will have some cards, craft materials, cookies, and snacks!

Date: Feb 14th from 11:30-1:30pm

Location: S54 MESA Center



Upgrade Your Registration Date!

Registration for Spring starts on Feb 20th,. Come join us and make sure you have the best possible date for registration. Counselors will be available to check your ed plans and confirm your reg date.

Date: Feb 14th from 11:30-1:30pm

Location: S54 MESA Center



DE ANZA COLLEGE
MATH
Performance Success
deanza.edu/mps

GOT THE BEST REGISTRATION DATE???

SPRING 2024 REGISTRATION WORKSHOP WITH COUNSELORS

TUESDAY FEBRUARY 6
11:30AM-12:30PM
MESA CENTER S-54

WED FEBRUARY 14
11:30AM-1:30PM
MESA CENTER S-54

JOIN US FOR:

- Confirm Registration date for Spring 2024
- Academic Planning
- Pizza

QUESTIONS? MPS@FHDA.EDU

No need to register, just come on in!

Village Anniversary Celebration

Food, Games, and Giveaways! Visit the Village Centers on Feb. 13 for a Special Celebration!

The Village Centers opened on Valentine's Day in 2023. This year, you're invited to the daylong anniversary celebration on Tuesday, Feb. 13, with free food, games and giveaways – plus a grand prize drawing!

- Join us for a series of special events—moving from each center to the next—throughout the day, with different food, games and giveaways at each location!
- Everyone's welcome to visit all the centers—or as many as you can! See below for complete schedule and details.

Business and Finance: 9 to 10 AM

Visit Room AT 202 for **breakfast burritos, Kahoot! quizzes** and **free reusable coffee cups!**

Artistic Expression: 10 to 11 AM

Visit Room L21 for **pastries, "Clay Play"** with Rocky Lewycky, and **free drawstring bags!**

Language and Communications: 11 AM to Noon

Visit Room L47 for **egg rolls, games** and **free flying discs!**

Social Sciences and Humanities: Noon to 1 PM

Visit Room L73 for **popcorn and candy, interactive games,** and **free thumb drives!**

Health and Life Sciences: 1 to 2 PM

Visit Room SEM 2 for **pizza, karaoke,** and **free sunglasses!**

Physical Sciences and Technology: 2 to 3 PM

Visit Room S55 for **cookies, cookie decorating** and **card making,** and **free drawstring bags or flying discs!**

When you visit on Feb. 13, look for a QR code to enter the **grand prize drawing for a free, professional photo session** to create lasting memories of your graduation or the people close to you!

The Village Centers Anniversary Celebration is co-sponsored by De Anza Student Government (DASG) and Guided Pathways.

All Village Centers will remain open for their regular hours, from 10:30 AM to 3 PM, during the celebration on Feb. 13.

PST Village Events

DATA SCIENCE DEMYSTIFIED: AN OVERVIEW OF DS/ML/AI CONCEPTS, TECHNIQUES, AND APPLICATIONS.

WITH VADIM VON BRZESKI DIRECTOR, CUSTOMER SCIENCE, EBAY.

The speaker will focus on:

- DATA SCIENCE UNDER THE HOOD
- MACHINE LEARNING VS. GENERATIVE AI
- APPLICATIONS
- AND PITFALLS

FEBRUARY 12, 3:00-4:00PM, ONLINE

For registration contact: yarahmadifatemeah@fhda.edu

Presented by the Physical Sciences & Technology Village and OPEN TO STUDENTS FROM ANY VILLAGE!

Test Your Coding Knowledge!

The Physical Sciences and Technology Village is holding a weekly programming event!

- Tackle fun coding challenges.
- Meet other developers.
- Prepare for the workforce.
- Test your knowledge!

Wednesdays, 12-1 PM

Room S55 (Physical Sciences & Technology Village Center)

OPEN to students from ALL VILLAGES!

De Anza STEM Learning Communities

MPS (Math Performance Success Program) Spring Application are now Open!!

MPS is for students who would like additional support in math. We offer MPS Math 10, 31, 32, Math 1A, Math 1B. If you are interested and would like to apply for MPS, go to www.deanza.edu/mps/ and fill out the application. We still have space for Winter 2024 enrollment but space is limited. Spring Schedule is already on our website! [Follow us on instagram](#)

DeAnza College | MPS: Math Performance Success

DO YOU FIND MATH CHALLENGING?
Join MPS!
Spring Application is now open

MPS OFFERS THE FOLLOWING COURSES:

- MATH 10: INTRO STATISTICS
- MATH 31: PRECALCULUS I
- MATH 32: PRECALCULUS II
- MATH 1A: CALCULUS IA
- MATH 1B: CALCULUS IB

WITH MPS, YOU GET:

- SPECIALIZED INSTRUCTION IN A SUPPORTIVE ENVIRONMENT
- ACADEMIC COUNSELING
- FREE TUTORING
- EXTRA CLASS TIME

APPLY AND REGISTER FOR AN MPS CLASS AT:
DEANZA.EDU/MPS/

Apply

MESA stands for **Mathematics, Engineering, and Science Achievement**, and it is designed to support underserved and underrepresented students in **Calculus-based STEM majors** (Science, Technology, Engineering and Mathematics), who plan to transfer and continue their studies towards a four-year degree. *If you are interested in being part of MESA fill out this [Application Form](#). [Follow us on instagram](#) and discord coming soon!*

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**. Click [here](#) for more info!

External Events and Opportunities

UC Davis Toxicology Summer Internship

“The Toxicology Mentoring and Skills Development Training Program (ToxMSDT), housed at the University of California Davis, is a special opportunity for underrepresented undergraduate students to participate in a year-long mostly remote toxicology training and mentoring program.”

Funded by the National Institute of Health, the goal of this program is to attract diverse undergraduate students from around the United States to pursue careers in biomedical research, especially in the field of toxicology. Successful applicants will be teamed with a mentor meeting remotely throughout the year. In-person activities include the program kickoff workshop at the University of California Davis, a visit to the mentor’s work site, attendance of the annual Society of Toxicology meeting, and a celebration of the program successes at the Capstone Event at Tuskegee University. Online learning modules are provided throughout the duration of the program to increase mentees knowledge about toxicology. Travel cost support for programmatic activities will be provided by ToxMSDT. This program supplements the regular academic pursuits of students.”

Applicants should have completed at least one semester of biology and chemistry.

[Apply here](#) by April 26, 2024



SVCF scholarship applications now open!

Silicon Valley Community Foundation is proud to offer a range of scholarships open to diverse groups of students. **Apply now for scholarships for the 2024-2025 school year!**

The application deadline for most scholarships is **February 29, 2024**, by 12:00 pm (noon) PST.

Advancing Space Science through Undergraduate Research Experience

ASSURE 2024 REU

paid internship at UC Berkeley's Space Sciences Lab (SSL)

- Recruiting community college and other undergraduate students majoring in physics, chemistry, earth science, astronomy, computer science and all engineering subjects.
- First generation students and those with identities historically underrepresented in the sciences are strongly encouraged to apply.
- 10 week paid internship living in Berkeley June 3 to August 9, 2024.
- For more information and application form: www.ssl.berkeley.edu/assure

Info session 3pm PST on Feb 15:
tinyurl.com/assure-2024

Applications due 11:59pm PST on March 1st, 2024

Berkeley Engineering

ASSURE Summer Research Program

UCSF

Y.E.S. - YOUTH EQUITY SCIENCE FELLOWSHIP PROGRAM

The Y.E.S. fellowship is an outreach program for students from diverse and under-represented backgrounds to learn more about and have opportunities in discovery research.

This fellowship will include the following:

- Mentored fellowship at a QBI laboratory
- Selected participants are paid \$22/hour
- The length of this fellowship is 6-8 weeks over the summer (tentative dates available upon participant that is chosen)

LEARN MORE

qbi.ucsf.edu/y.es-initiative

UCSF Y.E.S - Youth Equity Science

Funded by the State of California under Gavin Newsom, the QBI Y.E.S ([Youth.Equity.Science](#)) initiative is a program for students from diverse and underprivileged backgrounds to learn more about discovery

scholarships@siliconvalleycf.org

Advancing Space Science through Undergraduate Research Experience (ASSURE) is an NSF-funded REU program run by the Space Sciences Laboratory (SSL) at the University of California, Berkeley. Through a ten-week paid internship, students will be able to research a topic of their choice and experience the Berkeley Campus.

Here is the [application](#) for the 2024 ASSURE program, which will run from June 3 to August 9th, 2024.

There is an [online information session](#) on Thursday, February 15 at 3 pm PST.

Questions can be sent to: assure@berkeley.edu

Check out student projects from previous summers on the website: <https://www.ssl.berkeley.edu/assure/>

Deadline: March 1st, 2024

research and have career opportunities in STEM. Through a six-week paid internship, students will develop the skills needed to pursue a career in the life sciences by working with a mentor in a QBI lab at UCSF. The interns are invited to speak at the annual symposium to present their work at the end of the program (August 2024).

<https://qbi.ucsf.edu/Yes-initiative>

Deadline: **May 06, 2024**

RESEARCH OPPORTUNITIES IN CHEMISTRY FOR COMMUNITY COLLEGE STUDENTS

Department of Chemistry & Biochemistry
OLD DOMINION UNIVERSITY
Norfolk, Virginia

Apply by February 16, 2024

Open to community college students interested in a career in chemistry, biochemistry, or related field who will complete the college chemistry sequence by the end of Spring 2024.

For more information: scan the QR code to go to oduresites.org/chem



Research Topics:

- Environmental Chemistry
- Molecular Modeling
- Nanomaterials
- Drug Design
- Energy & Fuels
- And Many More!



For more information and to apply visit www.oduresites.org/chem
An NSF-REU Site (Award numbers CHE-1659476 and CHE-2150385)



May 20 to
Jul 26, 2024

Generous Stipend
\$6000
Housing allotment
or dorm room
also provided



PUMAS (Promoting Underrepresented Minority Advancement in the Sciences) Summer Internship Program

The Promoting Underrepresented Minority Advancement in the Sciences



Join us at RISE, an internship program providing bioenergy research opportunities for undergraduates from groups currently underrepresented in STEM!

Eligibility: U.S. citizen or permanent resident enrolled in a degree-granting college/university with at least one semester of course work remaining before obtaining bachelor's degree.



Details, info session dates and application: cabbi.bio/RISE Apply by: Feb. 20, 2024

10 Weeks | \$6,000 Stipend | Housing & Travel Provided | Scientific Mentorship | Career Development



Program Dates:
May 28-Aug. 2, 2024

About RISE: This is a 10-week summer research opportunity targeting underrepresented students interested in bioenergy research. Students seeking experience in plant biology, agronomy, synthetic biology, environmental sciences, chemical engineering, and civil & environmental engineering are welcome to apply!

The Plan: Students will be paired with a CABBI mentor, conduct research, attend career development seminars, learn about the graduate school application process, and practice STEM communication by presenting research at a summer symposium.

Check out videos featuring students in the 2021 and '22 programs: cabbi.bio/RISE
Need assistance? Contact Anna Fedders, afedder2@illinois.edu

About CABBI: One of four U.S. Department of Energy-funded Bioenergy Research Centers, CABBI's mission is to develop an economically viable and ecologically sustainable domestic biofuel and bioproducts industry from dedicated bioenergy crops.

RISE summer internship program

Research Opportunities in Chem for CC Students

10-week (**May 20 – Jul 26, 2024**) program will give community college students the chance to work in a lab on a real-world research project and gain valuable skills for transfer to a 4-year major and a future STEM career or graduate program. Website for more information:

www.odureusites.org/chem.

Women, minorities, first-generation college students, and veterans are strongly encouraged to apply.

Preference will be given to applicants who are not planning to pursue an MD. Participants receive (**\$6000**), on-campus housing, and travel assistance to and from the site if outside the Hampton Roads area.

The deadline is **Feb 23rd, 2024**. Letters of recommendation are due by Mar 15th for full consideration.

(PUMAS) summer internship program aims to provide historically underrepresented community college students with laboratory experience before they transfer to a four-year institution to pursue a bachelor's degree in science, technology, engineering, or mathematics (STEM). Students will have an opportunity to gain valuable, hands-on experience in biomedical, behavioral, and clinical research.

Questions? Email the program coordinator, Emma Doctors, at academicaffairs@gladstone.ucsf.edu

Application Deadline: March 3, 2023

Learn more about the program here:

<https://gladstone.org/training/pumas-summer-internship-program>

RISE (Research Internship in Sustainable Bioenergy) is a summer internship program offering bioenergy research opportunities for undergraduates from groups currently underrepresented in STEM.

During the 10-week program, students gain experience in plant biology, agronomy, synthetic biology, genetics, environmental sciences, chemical engineering, and civil & environmental engineering. Successful applicants will be given a \$6,000 stipend; housing and travel are provided.

Application Deadline: Feb. 20, 2024

<https://cabbi.bio/outreach/rise-summer-internships/>

Deadline to Apply: February 20, 2024

Filoli Horticulture Intern

Filoli's Internship program offers college students an introduction to a career in horticulture, public gardens, museums, and nonprofit administration. During the 10 week summer program, interns are welcomed as part of the Filoli community -- collaborating with staff and their supervisor to accomplish projects, interact with Filoli visitors, and regularly meet with their summer intern cohorts.

Deadline April 1st:

Apply [here](#)

Location: Woodside, CA

filoli
Horticulture Intern

Previously Mentioned

Space Workforce 2030 (SWF2030)



SWF2030 is a government effort dedicated to diversifying aerospace and providing opportunities for underrepresented populations. Apply through this organization and have the chance to intern at Jet Propulsion Laboratory (JPL), ASTRA, ROCKETLAB, along with many other partnered companies and organizations.

Summer 2024 applications are open now!

[Apply through their website here.](#)

Eclipse Ambassadors (Astronomical Society of the Pacific)

Through this program, you'll take a course, participate in partnerships, and engage with the community with eclipse resources. Additionally, you'll gain opportunities at NASA, a year long membership to the Astronomical Society of the Pacific, and much more.

Get ready for April 8th, 2024, the next total solar eclipse that will cross over the US!

[Ready to represent? Learn more here.](#)

Stanford Opportunities

Stanford Clinical Science, Technology and Medicine Summer Internships 2024



- **SASI Foundations:** signature two-week on-campus program with a capstone partnering with a patient in solving a health care problem. Program Dates: **June 24-July 5, 2024**
- **SASI Clinical Skills:** An immersive one-week on-campus experience empowering essential clinical skills to discover medical career. Program Dates: **July 15 - July 19, 2024**
- **SASI Virtual:** An interactive and engaging program for those who prefer to join us for an online-only virtual experience. Program Dates: **July 29 - Aug 9, 2024**
- **Registration Dates:**
 - ED2: January 5, 2023
 - RD1: January 26, 2023
 - RD2: March 7, 2023
- [Learn more about the opportunity through their website](#)

Transfer

Looking for more?

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](#)

UNDUCUSTEM

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**.

Arlyne - an UndocuSTEM Research Intern - who has worked together with volunteers to create an [excel sheet to track all the available internships](#) from this Fall. Take a few minutes to check it out!

Connect with UndocuSTEM!

[Instagram](#)

[Discord](#)

Email: da.undocustem@gmail.com



Yvette Alva-Campbell

Yvette is using Smore to create beautiful newsletters

