MESA/MPS/UndocuSTEM

Newsletter Winter 2024 Week 7

Welcome to Week Seven! We are halfway through the quarter! Please take a moment to check out some upcoming events and opportunities you may be interested in!



Meet our MESA Ambassador (one of many)

Hey everyone! my name is Brian Sawaya and this is my first year being a student at De Anza and Foothill College.

I'm planning on majoring in mechanical engineering, and working on wearable technology and prosthetics in the future.

I'm hoping to transferring to UC Davis, or UC Berkeley, but I am also open to transferring to other schools I find.

I'm here to help you find internship opportunities, transfer to a 4-year institution, and figure out your goals.

EVENTS THIS WEEK

Upgrade/Check Your Registration Date!

Registration for Spring starts Feb 20th. Make sure you know your registration date and are prepared to sign up for Spring quarter classes! If you have any questions, reach out to our counselors!

This THURSDAY Chat with Dr. Yvonne Cagle, NASA Astronaut

- Date: Thurs, Feb 23rd from 1:30-2:30pm
- · Location: DA Planetarium

• Register Here: https://forms.gle/7YdLca4kc7riyWsY8

Dr. Yvonne Darlene Cagle is an astronaut for the National Aeronautics and Space Administration (NASA), and consulting professor for Stanford University's department of cardiovascular medicine and its department of electrical engineering. Dr. Cagle currently is the chief scientist for the Level II Program Office of NASA's Commercial Reusable Suborbital Research program. She was assigned as Stanford's lead astronaut science liaison and strategic relationships manager for Google and other Silicon Valley programmatic partnerships. Her groundbreaking work is preserving NASA legacy data while galvanizing NASA's lead in global mapping, sustainable energies, green initiatives and disaster preparedness.



PUMAS Summer Intership Infosession this Friday!

Promoting Underrepresented Minority Advancement in the Sciences

- Date: Friday Feb 23rd, 9:00AM-9:45AM
- Location: Zoom Registration here

PUMAS is our flagship internship program aimed to increase the representation of underrepresented groups in the sciences.

Learn more here





De Anza College's First Symposium—Elevating Undergrad Research

Join us at De Anza College's first-ever Symposium, an innovative event aimed at boosting undergraduate research opportunities within CCs.

This symposium is your ticket to discover amazing **research projects** by fellow CC students and explore ways to bolster your own research! It's a unique chance to see your peers in action, presenting their research findings to an audience of fellow students, faculty, and visiting scholars while receiving constructive feedback from distinguished professors and research experts.

The symposium will provide a collaborative platform for students, faculty, and administrators to share insights, strategies, and best practices to overcome challenges and maximize resources for research endeavors, an integral part of gaining experience especially if you plan to transfer to a four-year institution. Don't miss out on this chance!

RSVP form: https://forms.gle/pY72gHeg1XnmherW8

Date: March 1st from 1:30-6:00 pm

De Anza STEM Learning Communities

MPS (Math Performance Success Program) Spring Registration is 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 register for one of our MPS courses, go to www.deanza.edu/mps/ and fill out the application. Follow us on instagram



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 Opportunties

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. scholarships@siliconvalleycf.org.

Cornell LSAMP Summer REU

Program Dates: June 9-August 9 2024

CU LSAMP REU is a nine-week summer research opportunity that provides undergraduate participants with the opportunity to work with distinguished faculty and staff as well as network with others in their field of interest. Participants develop and conduct research with a faculty

research mentor and present at a symposium on campus. Students are supported through a \$6300 stipend and other resources.

Benefits and Program Overview

Participant Eligibility

Application Information

https://sites.coecis.cornell.edu/lsampreu/

Contact Us: Diversity Programs in Engineering

dpeng@cornell.edu (607) 255-6403

Deadline: February 23, 2024 (11:59 pm)

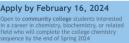


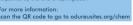


program



Department of Chemistry & Biochemist OLD DOMINION UNIVERSITY Norfolk, Virginia







Research Topics:
- Environmental Chemistry
- Molecular Modeling
- Nanomaterials
- Drug Design
- Energy & Fuels
- And Many Morel

<u>(())</u>

ODU

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

About CABB: One of four U.S. Department of Energy-funded Bioenergy Research Centers, CABBy mission is to develop an economically viable and ecologically sustainable domestic biofuel and bioproducts industry from dedicated bioenergy crops. RISE summer internship Rese

Check out videos featuring students in the 2021 and '22 programs: cabbi.bio/RISE

Need assistance? Contact Anna Fedders, afedder/@illinois.edu

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

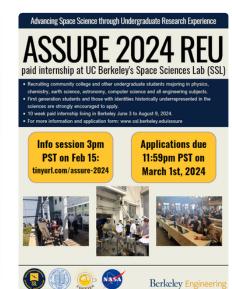
During the 10-week program, students gain experience in plant biology, agronomy, synthetic biology, genetics, environmental sciences, chemical engineering, and civil & environmental engineering. Successful applicants will be given a \$6,000 stipend; housing and travel are provided.

Reseach Opportunties in Chem

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, firstgeneration college students, and veterans are strongly encouraged to apply. Preference will be given to applicants who are not planning to pursue an MD.



ASSURE Summer Research Program

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 an experience the Berkeley Campus.

Here is the <u>application</u> for the 2024 ASSURE program, which will run from June 3 to August 9th, 2024.

Application Deadline: Feb. 20, 2024

https://cabbi.bio/outreach/risesummer-internships/

Deadline to <u>Apply</u>: February 20, 2024

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.

There is an <u>online information</u> <u>session</u> 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

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



PUMAS (Promoting Underrepresented



E. Kika De La Garza Fellowship Program



Filoli Horticulture Intern

Minority Advancement in the Sciences) Summer Internship Program

The Promoting Underrepresented Minority Advancement in the Sciences (PUMAS) summer internship program aims to provide historically underrepresented community college students with laboratory experience before they transfer to a fouryear 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.uc sf.edu

Application Deadline: March 3, 2023

Learn more about the program here:

https://gladstone.org/training/ pumas-summer-internshipprogram Faculty and staff from
Hispanic-Serving Institutions
(HSI) and Hispanic-Serving
School Districts (HSSD) are
invited to apply to the U.S.
Department of Agriculture's
(USDA) E. Kika De La Garza
Fellowship Program.

Participants will spend one to two weeks at USDA headquarters in Washington, DC learning about the many federal resources available to support their students and institutions.

This program is offered through USDA's Office of Partnerships and Public Engagement Hispanic-Serving Institutions National Program.

For more information, please contact Julio C. Puentes at <u>julio.puentes@usda.gov</u> or (773) 633-8822.

Application deadline: March 4, 2024

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.

Apply here

Location: Woodside, CA **Deadline: April 1, 2024**

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 (JLP), 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?

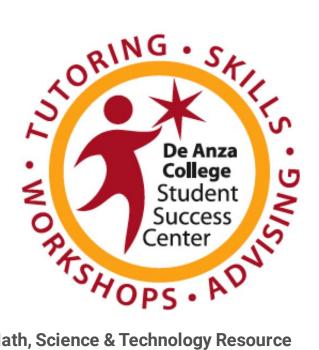
Looking for potential Internship opportunities? Check out these websites

- REU Finder for STEM undergraduates
- STEM Community College Resource

Get Updates From Our Transfer Center

Transfer Center <u>Website</u>
Join the mailing list through <u>this form</u>.

FEATURED @ DE ANZA





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

- <u>Drop-In Tutoring</u>
- Weekly Individual Tutoring
- Group Tutoring
- In-Class Tutoring
- Workshops (back by popular demand!)
- Math Review and Preparation
- Math Modules
- Study Skills

UNDOCUSTEM

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Arlyne - an UndocuSTEM Research Intern - who has worked together with volunteers to create an <u>excel sheet to track all the available</u> <u>internships</u> from this Fall. Take a few minutes to check it out!

Connect with UndocuSTEM!

<u>Instagram</u>

Discord

Email: da.undocustem@gmail.com



Yvette Alva-Campbell

Yvette is using Smore to create beautiful newsletters





