



FOOTHILL COLLEGE

SCIENCE LEARNING INSTITUTE

Opportunities in STEM Newsletter

STEM Center

[Hours and information](#)

STEM Clubs

[Check out Foothill's STEM Clubs](#)

Mental Health Corner

[Foothill Mental Health Services](#)

Winter 2025 | Week 2

January 13, 2025

Hello Owls!

Welcome (or welcome back!) to Foothill! We hope your first week went smoothly and wish you a fantastic second week ahead. You've got this!

[Visit the SLI website](#)

Questions? Email sli.foothill@gmail.com

Program

Internship

Job

Event

Scholarship

Resource

SLI Opportunities



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Empowering Voices Student Poster Exhibit



The STEM Impact Team of SLI created student profile posters of actual Foothill current and former STEM students from underrepresented backgrounds. These framed posters are now on display in the 1900 Administration Building. Come by and check it out and keep your eyes open for an event later this quarter celebrating the posters and what they represent!



SILICON VALLEY
WOMEN IN ENGINEERING

Attend WiE Conference for Free with SLI!

Sat, March 15
7:30 am - 7:00 pm



SLI has a limited number of paid registrations for the WiE Conference at SJSU. Priority will be given to students who have never attended the conference. **Deadline to sign up through SLI is Monday, Feb 10, 2025.**

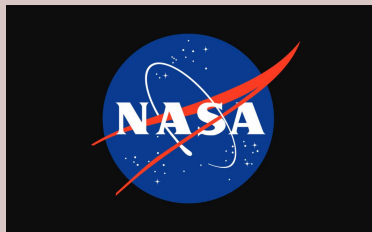
[RSVP Here](#)

Foothill Opportunities

Help Keep KJ's Cafe Open Until 7pm



Are you often hungry after 3pm because there is no food available on campus? KJs Café is staying open until 7pm all of week 2 (from Monday through Thursday) to see if there is a demand. So buy snacks, drinks, and food between 3 – 7pm to ensure KJs breaks even, and if they do, they'll stay open the rest of the year until 7pm!



Free Astronomy Lecture of Mission to Moon's South Pole

Wed, Jan 29 at 7:00 pm
Smithwick Theater



NASA's VIPER rover will map water ice at the Moon's South Pole, supporting future Moon and Mars missions. It integrates science and operations teams for real-time exploration, a first for NASA. Dr. Darlene Lim, Deputy Project Scientist, will discuss the mission's innovative design and its impact on space exploration. Dr. Lim, a NASA Ames scientist, brings extensive experience in planetary and ocean research.

STEM Center Tutoring in the PSEC

4400 Building



The STEM Center is trying something new this quarter. They will have a STEM center tutor (Nancy Seeman) in the PSEC building (4400 where the SLI snack corner is housed) on Tuesdays and Thursdays from 3 – 5pm for all STEM subject tutoring. Nancy will be available in the study areas to help out!



EMERGING TECHNOLOGIES INSTITUTE

Student Panel on A.I.

Wed, Jan 29 from 12 - 1:30 pm
Toyon Room 2020 or Zoom



Join the AI Learning Community and partners for a [student panel on artificial intelligence](#) (AI) at Foothill College. Students from various disciplines will share their perspectives on AI, its role in their daily lives, and its impact in the classroom. This is a chance to explore how AI is shaping education and discuss its future in our community. Bring your questions and ideas—light refreshments will be provided!

RSVP Here

External Opportunities



ISB Summer Undergraduate
Research Experiences Program



Wake Forest University
School of Medicine

Wake Forest School of
Medicine Summer Research
Internship

Deadline to Apply
Tue, Jan 21



[ISB](#), an internationally renowned non-profit research institute in Seattle, Washington, is dedicated to studying and applying systems biology to unravel biological complexity. The institute aims to decipher vast amounts of data to gain valuable insights and achieve breakthroughs across scientific disciplines.

Apply Here



VA-PAVIR Summer Research Program

Deadline to Apply
Thur, Jan 30



The VA Palo Alto Health Care System (VAPAHCS) and the Palo Alto Veterans Institute for Research (PAVIR) are pleased to announce the inaugural [VA-PAVIR](#) Summer Research Program for Undergraduate Students. This eight-week summer research program is designed to stimulate and expand research interests in undergraduate students considering a career in research.

Apply Here



Summer Systematics Institute 2025

Deadline to Apply
Fri, Jan 31



[SSI](#) is a ten-week paid research internship (nine weeks in person) at a leading research facility and museum in San Francisco's

Deadline to Apply
Fri, Jan 24



The Department of Biomedical Engineering and the Center for Artificial Intelligence Research at Wake Forest University School of Medicine invite undergraduate and master's students to apply for the 2025 Summer Research Internship Program in Biomedical Engineering and Informatics. Details and application information are available via Handshake, LinkedIn, and the program website.

Apply Here



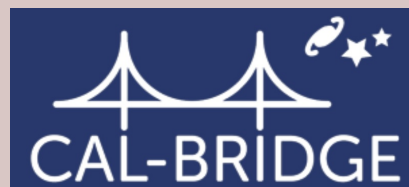
Student Sponsorship Opportunity

Deadline to Apply
Fri, Jan 31



[Silicon Valley Clean Energy](#) (SVCE) offers up to \$10,000 for student-led projects reducing fossil fuel use. Open to K–Community College students in the SVCE area with a Project Advisor. Projects can include art, events, videos, and clean energy innovations.

Apply Here



Cal-Bridge Summer Program

Deadline to Apply
Fri, Jan 31



The [Cal-Bridge](#) Summer Program offers research opportunities for CSU and CCC STEM majors. UC research sites focus on physics, astronomy, and more, for Cal-Bridge scholars.

Golden Gate Park. This program offers undergraduates the chance to conduct museum-based research and explore its impact on societal challenges.

[Apply Here](#)



NSF REU Program

Most Opportunities Due
Fri, Jan 31



An REU Site hosts about 10 students working on related research projects at U.S. or international institutions. Participants conduct research, receive mentoring, build skills, and explore STEM career pathways. Faculty with NSF grants can also support students through REU Supplements to work on NSF-funded research.

[More Info](#)



Quantum Foundry Undergraduate Research Internship

Deadline to Apply
Sun, Feb 9

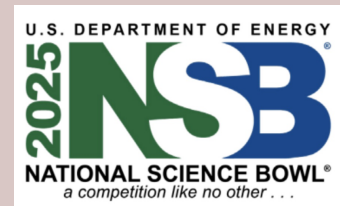


The [Quantum Foundry](#) Internship at UCSB offers an 8-week summer research program (June 23–August 15, 2025) for undergraduates from California colleges. Interns explore quantum materials, work with mentors, and gain research and career development experience.

[Apply Here](#)

Partner sites, like Caltech and Stanford, are open to all applicants and cover astrophysics, planetary science, and related fields. More details are available online.

[Apply Here](#)



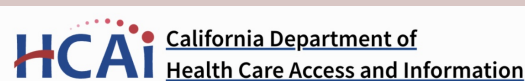
SLAC Science Bowl Volunteer Call

Sat, Feb 8
Sign up by Jan 17



This science competition tests Bay Area middle and high school teams, with winners advancing to the DOE Nationals in April 2025. Volunteers must commit from 8:45 a.m. to 3:45 p.m. (some until 5:45 p.m.) and attend a SLAC training on January 28, 2025. No affiliation or scientific knowledge is needed. Roles include judges, timekeepers, and general event support. Check out the flyer [here!](#)

[Sign Up Here](#)



HCAi Scholarship Application Now Open

Deadline to Apply
Thur, Feb 13



Applications are open for a scholarship to become a Certified Wellness Coach! Eligible students must be enrolled or accepted into associate or bachelor's programs in human services, addiction studies, psychology, or social work at a California college for the 2025-2026 academic year. Awards of up to \$35,000 cover one year of education. [Apply now](#) to start your journey!

[More Info](#)



PATHS-UP Summer Research Opportunity

Deadline to Apply
Fri, Feb 15

I Apply for a 2025 paid summer research opportunity with NSF's PATHS-UP Engineering Research Center by February 15, 2025. Open to U.S. undergraduates in engineering, physical sciences, or math, 18+, not graduating before May 2025. Research focuses on health tech for underserved communities. Underrepresented STEM students are encouraged to apply.

[More Info](#)

Save the Date: Professional Development Symposium for Semiconductor Manufacturing

Wed, Feb 26 from 8:30 am - 2 pm
SJSU's Student Union Ballroom

P Project Engineering Success and the SJSU Career Center have partnered with SEMI for its 3rd Annual Professional Development Seminar. Registration and more information will be available soon!



UCSF Hospice and Palliative Medicine Summer Program

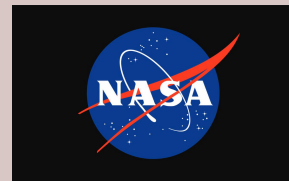


American Cancer Society Diversity in Cancer Summer Internship

Deadline to Apply
Mon, Feb 24

I Apply to get mentored experiences in [Stanford Cancer Institute](#) labs with scientific seminars and skill building workshops. This opportunity will give students the chance to get hands-on lab experience who are interested in further exploring cancer-related career tracks!

[Apply Here](#)



NASA Internship Programs

Summer Application Due Fri, Feb. 28
Fall Application Due Sun, Mar. 16

I [OSTEM internships](#) provide students with hands-on work experience alongside mentors, including research scientists and engineers. Opportunities can be full-time or part-time and may take place at NASA centers, facilities, or remotely from home or a dorm.

[More opportunities](#)



AAUW Scholarships for Women Student

Deadline to Apply
Mon, Mar 3



The [Summer Clinical Internship](#) is a 3.5-week program offering premedical students hands-on experience in hospice and palliative medicine. Participants shadow inpatient and outpatient palliative care and home-based hospice, attend didactic sessions on the field, and develop resiliency tools like reflective writing.

Apply Here



Cal-Bridge Undergraduate Program

Deadline to Apply
Mon, Apr 28



The [Cal-Bridge](#) undergraduate program supports CSU students and CCC transfer students majoring in physics, astronomy, computer science, engineering, mathematics, or statistics. It helps students prepare for and gain acceptance into PhD programs, with a focus on UC campuses.

Apply Here

Deadline to Apply
Tue, Apr 15



The AAUW-SJ awarded over \$150,000 in 2024 to support gender equity in education. Applicants must reside in Campbell, San José, Milpitas, or Santa Clara, have a 3.0 GPA, completed two college years, and be juniors or seniors at a four-year institution. Selection is based on goals, academics, a personal statement, an interview, and a recommendation letter.

More Info



Domaine Scholarships

Deadline to Apply
Thur, May 1



[Domaine](#) offers a \$2,000 scholarship to undergraduates for a 2,000-word article on the online shopping habits of 18–23-year-olds. Topics include branding, sustainability, and mobile preferences. Open to U.S. undergraduates, excluding first-semester freshmen and graduating seniors.

Apply Here

Check out our archive of past newsletters to find previously posted opportunities!

<https://foothill.edu/sli/past-newsletters.html>

Edited by - Carlos Hernandez



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