

Future Leaders in Advanced Materials (FLAM)

Summer 2025 Program Information

June 16 - August 15

Sponsored by the Materials Research Laboratory (MRL) and the College of Engineering at the University of California Santa Barbara

Future Leaders in Advanced Materials:

The Materials Research Laboratory (MRL) and the College of Engineering at the University of California, Santa Barbara are seeking undergraduate science and engineering majors who are interested in pursuing a research experience. This internship program will bring undergraduate students from around the country to the UC Santa Barbara campus for a 9-week summer research experience.

Interns will gain first-hand experience in scientific investigation in a dynamic, collaborative research environment. They will be matched individually with UCSB faculty and graduate student lab mentors who will provide training and support.

In addition to research, the interns will also participate in weekly group meetings to develop oral presentation skills, attend special seminars and present their results at an end-of-summer poster session.

Web Sites...

To learn more about MRL and College of Engineering research and faculty, please go to the following web sites:

www.mrl.ucsb.edu

www.materials.ucsb.edu

www.engineering.ucsb.edu

Our faculty also work in the Chemistry and Biochemistry, Chemical Engineering, Computer Engineering, Mechanical Engineering, and Physics Departments

Previous Intern projects:

To learn more about previous intern research projects, please visit the FLAM web site:

<https://www.mrl.ucsb.edu/education/undergraduate-opportunities/flam>

Questions or Concerns?

Contact Dr. Julie Standish at (805) 893-7808, or flam@mrl.ucsb.edu

Program Details:

1. The Summer FLAM program will run from June 16 to August 15, 2025.
2. Approximately 15 internships will be awarded in all areas of science or engineering. Awards will be concentrated in, but not limited to, the MRL and the College of Engineering.
3. The stipend for undergraduate interns is \$6,000 total for 9 weeks at 35 hrs/week.
4. We will provide housing for interns at UCSB off-campus student apartments (for non-UCSB students).
5. Travel costs up to \$700 will be provided for travel to and from the UCSB campus for non-UCSB students.

Student Eligibility:

This program is open to any science or engineering undergraduate student who meets the following requirements:

- Will be enrolled as a sophomore, junior or senior in Fall 2025
- Is a US citizen or permanent resident

Application Process:

An internship application must include the following components (see further details below):

1. A completed student application form (**online**)
2. A statement of interest (email as pdf)
3. A copy of your unofficial transcript (email as pdf)
4. Resume (email as pdf)
5. One letter of recommendation (*please inform your recommender to email letter. We will not send your recommender a separate email to submit*)

UCSB student applicants:

If you are a UCSB student and applying to the FLAM summer program, you will need to identify a faculty mentor and with their help submit a 1-page research project description with your application.

Send application materials via e-mail to:

Dr. Julie Standish
Materials Research Laboratory
flam@mrl.ucsb.edu

APPLICATION Deadline: February 14, 2025

Award announcements will begin by April 15, 2025

Only complete applications will be reviewed for awards.

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Summer 2025 Student Application Form

A COMPLETED INTERNSHIP APPLICATION INCLUDES THE FOLLOWING:

1. A completed application form—(*online*)

Additional Materials (*sent by email to flam@mrl.ucsb.edu*):

2. A **statement of interest** explaining your research interests, background, and how this internship fits into your future career goals. Your essay should be typed, and at most one page long. **FOR UCSB undergraduates, you will need to submit a research project with the help of your faculty mentor, and submit in lieu of the statement of interest.**
3. A **copy of your unofficial transcript**
4. **Resume**
5. A **letter of recommendation** from a course instructor, TA, or employer who is familiar with your scientific skills. *Please inform your recommender to send their letter to flam@mrl.ucsb.edu. We will not send your recommender a separate email to submit.*
6. *All additional materials may be sent by email to flam@mrl.ucsb.edu. Please submit all attachments as Adobe Acrobat (pdf). Unofficial transcripts can be scanned in and converted to pdf file format, or downloaded from online grade reporting systems as a pdf. Please be sure pdfs do not require security password to access.*

PLEASE PUT YOUR LAST NAME IN THE HEADING OF ALL DOCUMENTS AND SUBMIT DOCUMENTS IN PDF FORMAT TO: flam@mrl.ucsb.edu

Application Deadline is February 14, 2025

Questions or Concerns about the FLAM program? Contact:

Dr. Julie Standish
MRL
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Santa Barbara, CA 93106
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(805) 893-7808