

Research Internships in Science and Engineering (RISE) Program 2017-2018 School Year Internships

Sponsored by the Materials Research Laboratory (MRL)

The Program:

The RISE program sponsors research internships on a quarter-by-quarter basis for UCSB undergraduate science and engineering students. Interns choose between two award levels, \$500 and \$1000 based on the hours committed to research (between 50- 100 hours/quarter). There is an additional award offered for those students who exceed the expectations.

In addition to their research responsibilities, interns give presentations based on their work and also write a final report at the end of the term.

Internship Awards:

Up to 10 internship awards will be given each quarter for any area of science or engineering. However, priority in awarding these internships will go toward projects that fall within the research scope of MRL.

Applicants will need to identify a research sponsor before they apply for these internships. Dr. Julie Standish can provide assistance and guidance for students. Please contact her to discuss your interests and devise a strategy for finding a research project.

APPLICATION DEADLINES:

Fall Quarter – Monday, Oct 9th, 2017

Winter Quarter – Monday, Jan 8th, 2018

Spring Quarter -Monday, April 2nd, 2018

For students who wish to continue an ongoing RISE internship, you must turn in....

- **A 1-page project proposal**, i.e. description of future plans for your project.
- **A (brief) statement/email of support** from your faculty advisor or lab mentor.
- **Completed application form** (attached).
- **Unofficial transcripts.**

All of these materials can be emailed to Dr. Standish at rise@mrl.ucsb.edu.

For students who wish to begin a new internship, you must turn in...

- 1. A completed application form (attached)**
 - 2. A 1-page resume** with a history of all your work and laboratory experience. Please be sure to include any lab or course work that you feel is relevant to your proposed research work.
 - 3. A 1-page project proposal** that you have arranged with your research sponsor. The proposal is a summary of the research project and should include:
 - Background information about the research area
 - A specific discussion of the activities you will be doing in your research project
 - 4. An unofficial transcript.** This can be sent by email to rise@mrl.ucsb.edu or as a paper copy to Dr. Standish at the MRL.
- Return 1-4 by e-mail to rise@mrl.ucsb.edu**

5. A letter of recommendation from a course instructor/TA or employer (preferably one who is familiar with your scientific skills). This letter can be from the same professor who will be sponsoring your research. Letters can be sent by email to rise@mrl.ucsb.edu

Questions or concerns?

Dr. Julie Standish 893-7808
rise@mrl.ucsb.edu

More Info on Research

For more information about the faculty who do research in MRL and other departments please go to the following web sites:

<http://www.mrl.ucsb.edu>

<http://www.materials.ucsb.edu>

<http://www.cnsi.ucsb.edu>

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

Research Internships in Science and Engineering

Academic Year 2017-2018 Student Application Form

Applying for ☐ FALL ☐ WINTER ☐ SPRING

Name (last, first middle): _____

E-mail Address: _____

Please Check One: ☐ US Citizen ☐ Permanent Resident
(Only US citizens or permanent residents may receive funding through MRL)

Current School Year Address:

Street: _____

City, State: _____

Zip: _____ Cell: _____

Phone (if different): _____

Permanent Address:

Street: _____

City, State: _____

Zip: _____ Phone: _____

Field of Study: _____ Expected Graduation Date _____

Class: ☐ Freshman ☐ Sophomore ☐ Junior ☐ Senior

Please list the person/people from whom you have requested a letter of recommendation:

Name: _____ e-mail: _____

Faculty Supervisor: _____ e-mail: _____

Lab Mentor: _____ e-mail: _____

Project Title: _____

Are you a community college transfer student? ☐ Yes ☐ No

If yes, community college attended: _____

The following information is optional, but is requested by the National Science Foundation

Gender: ☐ Female ☐ Male

Ethnicity: ☐ African-American ☐ Asian ☐ Caucasian ☐ Latino

☐ Native American/Alaskan ☐ Pacific Islander

☐ Other, please specify: _____

Do you have any disabilities of special needs? If yes please explain: _____

Will you be the first in your family to graduate from college? ☐ Yes ☐ No

Student Name:_____

Letter of Recommendation for UCSB RISE Program

To the Recommender:

The student who has asked for your recommendation is applying to an undergraduate research internship program in science and engineering at UC Santa Barbara. You may use the form below, provide a separate letter, or both. Our programs comply with the Rehabilitation Act of 1973, which prohibits discrimination on the basis of handicap. Please do not refer to any handicap the applicant may have.

Recommender's name: _____

Title and Institution: _____

e-mail address: _____ phone : _____

Please place check marks to rank this student in the following qualities (leave unchecked if you haven't had opportunity to evaluate student in a particular area)

| | Excellent Top 5% | Very Good Top 20% | Good Top 40% | Fair Top 60% | Below average Bottom 40% |
|-----------------------------------|---------------------|----------------------|-----------------|-----------------|-----------------------------|
| Maturity and self-confidence | | | | | |
| Work ethic, responsibility | | | | | |
| Initiative, motivation | | | | | |
| Interest in science / engineering | | | | | |
| Intellectual ability | | | | | |
| Problem solving skills | | | | | |
| Laboratory skills | | | | | |
| Communication skills - written | | | | | |
| Communication skills - oral | | | | | |
| Ability to work well with others | | | | | |

Please answer the following questions in the space below, or attach a separate letter to address them.

1. How long have you known this student, and in what capacity?
2. What do you know of this student's future educational and/or career plans?
3. Please give us your impressions related to this student's abilities, character, and potential to succeed in a scientific research internship.

Please e-mail your completed letter to us at rise@mrl.ucsb.edu. Please put the student's last name in the file name of all attachments. Alternatively, you may mail a hard copy to Dr. Julie Standish, MRL, University of California, Santa Barbara, CA 93106-5121