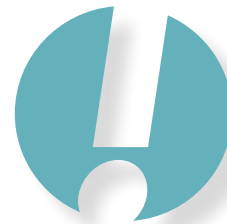


# Research Opportunities



Find ways to supplement your education through undergraduate research experiences, right here on campus!

NSF funds a large number of research opportunities for undergraduate students through its **REU Sites program**. An REU Site consists of a group of ten or so undergraduates who work in the research programs of the host institution. Each student is associated with a specific research project, where he/she works closely with the faculty and other researchers. Students are granted stipends and, in many cases, assistance with housing and travel. Undergraduate students supported with NSF funds must be citizens or permanent residents of the United States or its possessions. An REU Site may be at either a US or foreign location.

You can search for REU sites by discipline through here:  
[http://www.nsf.gov/crssprgm/reu/reu\\_search.jsp](http://www.nsf.gov/crssprgm/reu/reu_search.jsp)

DUE: Deadlines are dependent on each institution.

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**Undergraduate Research Scholarship:** The research project must be work above and beyond the normal course of study and should not be part of Fall, Winter, or Spring 199 series coursework. However, Summer 199 series work will be accepted. The subject matter does not have to be related to the student's major, minor, or other coursework, although preference may be given to those that do have a major related to specific scholarship goals, depending on the scholarship(s) the student is applying to. The research project should be completed during summer. The amount of the research scholarship was established to recognize and encourage undergraduate research, and can cover project costs, and/or any education-related expenses, including summer living costs. All research scholarships are summer awards up to \$4,000.

<https://students.ucsd.edu/academics/research/urc/index.html>

DUE: Monday, February 9, 2015

**The UCSD CAMP Summer Research Program:**

The CAMP Summer Research Program is a 10-week, full-time research experience. Students work as research assistants on projects that are supervised by a faculty mentor. In addition, students are trained in how to write and present a research paper and receive GRE preparation instruction. Students receive free on-campus housing and a \$3,300 fellowship. Participants are required to make oral presentations at the UCSD Summer Research Conference and to present their research at the

CAMP Statewide Symposium (Winter Quarter of the following academic year).

[https://students.ucsd.edu/academics/\\_organizations/aep/camp/index.html](https://students.ucsd.edu/academics/_organizations/aep/camp/index.html)

DUE: Sunday, February 15, 2015

**UC Scholars:** Research projects are designed and supervised by faculty mentors in conjunction with students' research interests. The program activities are substantial, requiring a full-time commitment from each student (students cannot work, take classes, participate in any other summer research program, or go on vacation while in the program). Awards: A \$2,800 stipend for the 8-week program, On-campus housing or a board allowance, GRE training courses, 30 hours of research a week 199 (independent study) credit (tuition is paid for by the program).

<https://students.ucsd.edu/academics/research/uc-scholars/index.html>

DUE: Wednesday, February 18, 2015

**Pacific Rim Undergraduate Experiences (PRIME)**

**Program:** PRIME provides project-based, international experience for undergraduate students, leveraging several UCSD programs and NSF's investment in the Pacific Rim Application Grid Middleware Assembly (PRAGMA). Students will work on cyberinfrastructure projects with dual mentors, one at UCSD and one in another country spend the summer at an institution outside the US, and participate in an international meeting to present the results of the project.

<http://prime.ucsd.edu/>

DUE: Preliminary application due Friday, Jan 23rd.

FULL application due Friday, February 20th.

**UC LEADS - Leadership Excellence through Advanced Degrees:**

The UC LEADS (University of California Leadership Excellence through Advanced Degrees) program identifies, encourages, and trains undergraduates who have potential for leadership as graduate students and also as future leaders committed to address the educational and economical factors leading to underrepresentation of domestic minorities in STEM fields. The UC LEADS program provides students with tools that prepare them to meet California's continuing scientific, economic, and social challenges. UC LEADS scholars are empowered with research experience, advanced educational credentials and leadership skills. UC LEADS undergraduates

prepare themselves to earn Ph.D.s in the science, technology, engineering, and mathematics (STEM) fields offered by the University of California.

<http://grad.ucsd.edu/degrees/summer-researches/uc-leads/index.html>

DUE: Friday, February 20, 2015

**STARS at UCSD:** The University of California, San Diego Summer Training Academy for Research in the Sciences (STARS) program is an eight week summer research academy for undergraduate students, recent graduates, and masters students. STARS offers an exciting research internship for students by participating in an ongoing UCSD research project and experience the rigors and challenges of graduate study at a top rated research institution.

<http://grad.ucsd.edu/degrees/summer-researches/stars/index.html>

DUE: Applications accepted January 1, 2015 to February 21, 2015

**Engineers for Exploration:** The Engineers for Exploration program engages undergraduate students from a broad range of disciplines in cyber-physical systems research motivated by real world challenges in exploration and scientific discovery. The program's aim is to give a 'once in a lifetime' experience for motivated students by providing an intimate mentored lab environment at UC San Diego, and a structured collaboration with scientists, explorers, and engineers at our partner organizations. These include the National Geographic Society, Hubbs SeaWorld Research Institute, the research arm of the San Diego Zoo, NOAA, the Organization of Latin American Subacuatica (OLAS), the Waitt Institute, and the Canadian Department of Environment and Conservation. The program provides undergraduates with a unique opportunity to develop technology that will be deployed across the world; the projects involve scientific research that literally spans across every continent and into the far corners of the globe.

<https://reumanager.com/efore/>

DUE: Saturday, March 14th at 11:59PM. Applications will be evaluated and offers will be made on a rolling basis. Applications received by February 15 will be given full consideration. We will continue to accept applications after that date until the positions are filled.

### **Scripps Undergraduate Research Fellowship**

**(SURF):** SURF is a 10-week summer Research Experience for Undergraduates (REU) designed to engage students in diverse and exciting Earth, ocean and atmospheric sciences research at a world-renowned institution. In particular, the SURF program seeks to increase the diversity of students successfully prepared to pursue Earth and ocean sciences career pathways, and to recruit individuals from institutions with limited undergraduate research opportunities.

<https://scripps.ucsd.edu/undergrad/surf>

DUE: Application opens Tuesday, February 10. Deadline Saturday, March 21.

### **REU in Regenerative Medicine, Multi-Scale Bioengineering, and Systems Biology:**

The Department of Bioengineering at the University of California, San Diego is pleased to offer a National Science Foundation Research Experience for Undergraduates (NSF-REU) program in Regenerative Medicine, Multi-Scale Bioengineering, and Systems Biology. This exciting 9 week summer program provides undergraduate students access to state-of-the-art facilities, the opportunity to work with accomplished and experienced faculty mentors, and to participate in highly collaborative, cutting-edge research projects. In addition to the training students receive in individual research laboratories, extensive professional development opportunities will be provided through weekly workshops, an undergraduate research conference, seminars, and panel discussions.

<https://reumanager.com/be>

DUE: Check back in March 2015

### **SD-CAB Summer BioEnergy Research Program:**

SD-CAB's Summer BioEnergy Research Program is a five-week, full-time research experience for up to 10 interns in one of the Consortium for Algal Biofuels Commercialization (CAB-Comm) labs. The objectives of the program are: to provide students with the skills to become research scholars; to stimulate students' serious consideration of graduate study; and to increase learning and networking opportunities for students committed to pursuing a professional or academic research career in bioenergy. This year, the program is supported by the US DOE Consortium for Algal Biofuels Commercialization (CAB-Comm) grant. All SD-CAB interns will work from July 9th through August 10th, 2012.

<http://algae.ucsd.edu/career-development/undergrad-summer-research/>

DUE: TBA

### **Calit2 Summer Internship:**

This program, which began the summer of 2001, provides talented undergraduates with hands-on research experience to help them better define their career goals and help them sort out what options to pursue after graduation. Students conduct 10 weeks of research under the guidance of UCSD faculty and participate in a series of meetings focused on topics of interest to them. The program typically ends with a formal scholarly poster session in which the students present their work to their peers, advisors, and often the larger campus and industry communities.

<http://ucsdstudents.calit2.net>

DUE: TBA

### **CONTACT US:**

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The logo for the idea program, featuring the word "idea" in a lowercase, blue, sans-serif font with a slight shadow effect.