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

DUE: Deadlines are dependent on each institution.

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 $5,000.

https://students.ucsd.edu/finances/financial-aid/types/scholarships/urs/index.html#

DUE: Monday, February 1, 2016

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

DUE: Monday, February 15, 2016

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/sponsor/uc-scholars/index.html

DUE: Monday, February 15, 2016

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 19, 2016
Students interested in chemistry, preparation and graduate students in the CAICE network placement program receive mentoring from top CAICE faculty, post-doctoral and graduate students in the CAICE network. In addition, students will receive pre-paired for graduate school, attend field trips, symposiums, and present research results and conclusions to other students and faculty at conclusion of program.

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 mentor and 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 Waait 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.

DUE: Check back in January for Summer 2016 information

https://reumanager.com/efore/

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.

DUE: Check back in January for Summer 2016 information

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

2016 Center for Aerosol Impacts on Climate and the Environment (CAICE) Summer Undergraduate Research Program: Students interested in chemistry will conduct exciting hands-on scientific research 9-10 week program receive mentoring from top CAICE faculty, post-doctoral and graduate students in the CAICE network placement in a CAICE lab site. In addition, students will receive pre-paired for graduate school, attend field trips, symposiums, and present research results and conclusions to other students and faculty at conclusion of program.

DUE: Friday, February 26, 2016

http://caice.ucsd.edu/index.php/undergraduate-summer-research-program/

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.

DUE: TBA, check website for updates

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

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 to in which the students present their work to their peers, advisors, and often the larger campus and industry communities.

DUE: TBA, check website for updates

http://ucsdstudents.calit2.net

Marine Physical Laboratory Summer Internship Program: The Marine Physical Laboratory (MPL) at Scripps Institution of Oceanography is seeking undergraduate students contemplating a career in scientific research and development are encouraged to apply for a summer research internship in marine science and technology. This ten-week summer internship program offers qualified students the opportunity to work with some of the most notable scientists in the world. In addition to their research, students will attend weekly seminars given by faculty members and scientific staff.

DUE: Friday, February 26, 2016

CONTACT US:

Jacobs Hall (EBU-1), Room 1400
Phone: (858) 534-6105
Email: idea@soe.ucsd.edu
idea.ucsd.edu