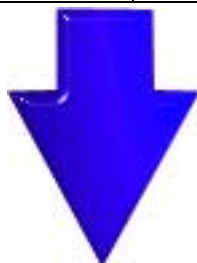
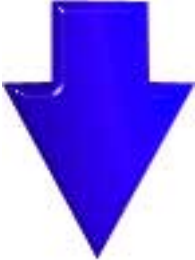


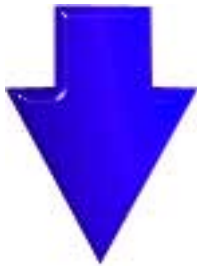
PROGRAM	CONTACTS	TARGETED AT	FEATURES
<p><u>CAMP Advanced Research Experience</u></p> <p>(California Alliance for Minority Participation)</p>	<p><u>Robert Cota</u>, Director, Engineering Student Support Center, CAMP Regional Coordinator</p>	<p>UCSB CAMP-targeted undergraduates in their junior and senior years</p>	<ul style="list-style-type: none"> • Research projects under the guidance of a faculty mentor. • Academic year stipends of \$500 per quarter, requiring a minimum of 50 hours of research work. • Eight-week summer projects require a commitment of 250 hours, with a stipend of \$2,500 and \$300–500 for laboratory and project expenses.
<p><u>CAMP Summer Research Apprenticeships</u></p> <p>(California Alliance for Minority Participation)</p> <p>Non-UCSB California residents welcome!</p>	<p><u>Robert Cota</u>, Director, Engineering Student Support Center, CAMP Regional Coordinator</p>	<p>CAMP-eligible students from any California high school, college, or university who have not yet entered their senior year and have little or no research experience.</p>	<ul style="list-style-type: none"> • Research teams work on a coherent project that will enable the students to acquire experience and skills necessary for success in developing independent research projects in subsequent years. • Participants work a minimum of 8 weeks (255 hours) and receive an \$1,800 stipend.
<p><u>EPSEM</u> (Expanding Pathways to Science, Engineering & Mathematics)</p> <p>High-school and non-UCSB undergraduate students welcome!</p>	<p><u>Ofelia Aguirre</u>, EPSEM Coordinator, California NanoSystems Institute (CNSI)</p> <p><u>Liu-Yen Kramer</u>, Education Co-Director, CNSI</p>	<p>High-school juniors/seniors, community college, and UCSB students pursuing degrees in the sciences, engineering, and mathematics. Priority will be given to high-school and community-college students attending Santa Barbara and Ventura County schools.</p>	<ul style="list-style-type: none"> • Summer: Two week science and engineering intensive residential program. • School Year: NanoSystem lab tours, career exploration, industry tours, academic support, mentoring, and scholarships.
<p><u>FRAP Program</u></p> <p>(Faculty Research Assistance Program)</p>	<p><u>Nan Anderson</u>, Coordinator, Undergraduate Research and Creative Activities (URCA), College of Letters and Science</p> <p>Also see URCA Grants at the end of this listing</p>	<p>UCSB undergraduates</p>	<ul style="list-style-type: none"> • Intended to provide opportunities for undergraduates to gain research experience while earning academic credit, and to provide faculty members with undergraduate research assistance. • Students must identify a faculty member in their area of interest who is seeking research assistance, complete a "research assistance contract," and enroll in the appropriate department course designated for this program—usually, 99RA/199RA or 99/199. • The <u>URCA Office</u> publishes the on-line <u>FRAP Directory</u>, which lists the current projects of participating faculty and senior researchers with whom students might work. <ol style="list-style-type: none"> 1. Faculty may apply for up to \$300 for research expenses per year per quarter (up to a maximum of \$900 per year) to support student research.



PROGRAM	CONTACTS	TARGETED AT	FEATURES
<p><u>INSET</u> (Internships in Nanosystems Science, Engineering, and Technology)</p> <p>Non-UCSB students who attend or have attended California community colleges welcome!</p>	<p><u>Trevor Hirst</u>, INSET Coordinator, California NanoSystems Institute (CNSI)</p> <p><u>Liu-Yen Kramer</u>, Education Co-Director, CNSI</p>	<p>Science and engineering students currently attending California community colleges and transfer students from California community colleges, including those currently attending UCSB or another U.S. university. Eligible students are those who have also completed a minimum of 12 semester units in science and/or engineering courses, and have completed or are enrolled in courses providing a minimum of 4 semester units of calculus</p>	<ul style="list-style-type: none"> • 8-week summer research experience at UCSB • Approximately 16 internships awarded. • Stipend for community college interns is \$2,800 total for 8 weeks at 35 hrs/week. • Up to \$800 for housing expenses, or free accommodations arranged at no cost. • Travel costs provided to and from UCSB. Interns take part in weekly group meetings to develop oral presentation.
<p><u>Los Alamos National Laboratory Internships</u> (LANL)</p>	<p><u>Patricia Halpin</u>, Assistant Research Biologist, Marine Science Institute; Undergraduate Intern Coordinator, Materials Research Laboratory</p>	<p>UCSB undergraduate science and engineering students</p>	<ul style="list-style-type: none"> • Summer internships at Los Alamos National Laboratory, in Los Alamos, New Mexico. • Specific details TBA.



PROGRAM	CONTACTS	TARGETED AT	FEATURES
<p><u>NNIN Summer Program</u> (National Nanofabrication Infrastructure Network)</p>	<p><u>Brian Thibeault</u>, Principal Development Engineer, Department of Electrical and Computer Engineering</p>	<p>UCSB undergraduate science and engineering students who have completed two years of science or engineering classes</p>	<ul style="list-style-type: none"> • 10-week summer research experience.
<p><u>RISE School-Year Program</u> (Research Internships in Science and Engineering)</p>	<p><u>Cathy Pine</u>, Director, Education Programs, Materials Research Laboratory</p> <p><u>Patricia Halpin</u>, Assistant Research Biologist, Marine Science Institute; Undergraduate Intern Coordinator, Materials Research Laboratory</p>	<p>UCSB undergraduate science and engineering students</p>	<ul style="list-style-type: none"> • Sponsors research internships on a quarter-by-quarter basis. • Interns earn \$9/hour, for a maximum of 50 hours/month. • Final report at the completion of the internship. • Up to 8 internship awards each quarter for any area of science or engineering. • Priority given to projects that fall within the research scope of MRL. • Applicants need to identify a research sponsor before applying.
<p><u>RISE Summer Program</u> (Research Internships in Science and Engineering)</p>	<p><u>Cathy Pine</u>, Director, Education Programs, Materials Research Laboratory</p> <p><u>Patricia Halpin</u>, Assistant Research Biologist, Marine Science Institute; Undergraduate Intern Coordinator, Materials Research Laboratory</p>	<p>Undergraduate science and engineering majors NOT from UCSB who have completed two years of science or engineering classes</p>	<ul style="list-style-type: none"> • 10-week summer research experience at UCSB. • Approximately 15 internships awarded. • Stipend for undergraduate interns is \$3,500 total for 10 weeks at 35 hrs/week. • Up to \$1,000 for housing expenses, or campus accommodations arranged for free. • Travel costs provided to and from UCSB. • Weekly group meetings to develop oral presentation skills, special seminars available; present research results at an end-of-summer poster session.



PROGRAM	CONTACTS	TARGETED AT	FEATURES
<p><u>SURF</u> (Summer Undergraduate Research Fellowships)</p>	<p><u>Don Aue</u>, Professor of Chemistry and Biochemistry</p> <p><u>Armand Kuris</u>, Associate Provost, College of Creative Studies (CCS), and Professor, Ecology, Evolution, and Marine Biology</p>	<p>College of Creative Studies undergraduate students only (stipend to support summer research projects)</p>	<ul style="list-style-type: none"> • Stipend of up to \$3,000 for full-time (10–12 weeks) summer research with faculty-led research group at UCSB. • Research time should not overlap with any other work, internships, or fellowships. • Students must discuss project with one or more potential research advisers before applying. • Minimum of two letters of recommendation are required, one of which should be from the research adviser. • See CCS website for details and application.
<p><u>UC LEADS</u> (University of California Leadership Excellence Through Advanced Degrees)</p>	<p><u>Sarah Dillingham</u>, Director, Graduate Outreach and Admissions</p>	<p>UCSB undergraduates who are educationally or economically disadvantaged and are pursuing degrees in science, technology, engineering, or mathematics (STEM)</p>	<ul style="list-style-type: none"> • Two-year program that provides educational experiences to prepare students to assume positions of leadership in industry, government, public service, and academia following the doctoral degree, preferably at the University of California. • Scholars are matched with UC faculty members, who serve as advisers and mentors. • Mentors assist in designing action plan to cover plans for travel, research experiences, graduate-school preparation and exploration, attendance, and participation at regional or national professional and scientific society meetings. • Summer research is required. • Scholars receive stipends during summer research and will receive summer housing or housing compensation.
<p><u>URCA Grants</u> (Undergraduate Research and Creative Activities)</p>	<p><u>Nan Anderson</u>, Coordinator, Undergraduate Research and Creative Activities, College of Letters and Science</p>	<p>UCSB undergraduates in good academic standing</p>	<ul style="list-style-type: none"> • Student-initiated projects with support of faculty mentor. • Maximum of \$1,000 per student or \$2,000 for a group project for fall and winter competitions. For summer, the maximum award is \$1,000 regardless of whether it is an individual or a group project. • Three competitions each year: Fall (all UCSB colleges), Winter (L&S only), and Spring (L&S only for Summer projects).