Academic Enrichment Programs
aep.ucsd.edu
Our Mission

Preparing students for success beyond the bachelor’s degree!

- Enhance graduate/professional school admissibility
- Facilitate student-faculty contact
- Provide experiential education opportunities
- Provide valuable research-oriented academic preparation
- Provide financial support
- Respond to academic needs of students
- Support opportunities for all majors
- Provide community and support for students
Our programs

• **CAMP:** for ethnically underrepresented students seeking a Bachelor's degree in the sciences, engineering, mathematics, and technology.

• **HMP3:** for all students interested in pursuing careers in the health professions.

• **Faculty Mentor Program:** two quarters of faculty-mentored research. All majors are eligible.

• **MARC Program:** for underrepresented students in the biosciences who want to go to graduate school. Two year program.

• **McNair Program:** for low-income, first generation college and underrepresented students interested in pursuing PhD’s. If you are accepted into McNair, you are automatically added to the FMP.

• **UC Scholars/Summer Research Program:** 8 week program in summer. Includes faculty mentored research, GRE training, stipend, and housing.

• **Undergraduate Research Conference:** held at the end of April in the Faculty Club. You must be nominated by your professor to present.

• **Undergraduate Research Scholarships:** scholarships offered to undergraduates conducting research
California Alliance for Minority Participation
CAMP

- Federally funded by the National Science Foundation (NSF)
- There are major and ethnic requirements
  - Permanent Resident or US Citizen
  - Science, Mathematics or Engineering major
  - Ethnically underrepresented in higher education (African American/Black, Mexican American, Latino/Hispanic, American Indian, Pacific Islander, and Alaskan Natives)
- Provides support and advancement opportunities to ethnically underrepresented students in STEM fields. CAMP at UCSD: Offers events and services designed to meet the needs of a culturally and intellectually diverse student community, who are at different places on their educational paths
  - Field trips (e.g., tours of local research and technology companies, tours of UCSD labs, etc.)
  - Academic year and summer research opportunities
  - Attendance at the CAMP Undergraduate Research Symposium, SACNAS, ABRCMS, SCCUR, NCUR, and other conferences
  - C & C with Faculty and with Graduate Students events on campus
  - Lunch and Conversation with an Engineer (working in industry)
  - Informational and Skill Building Workshops
  - A Book Lending Program
  - CAMP Leadership Prize
  - Individual advising
Faculty Mentor Program

Program Details

• Designed for students interested in pursuing advanced degrees or careers in research.
• Research oriented.
• Work with UCSD Faculty
• Runs Winter and Spring Quarters.
• Provides workshops and support.
• Runs the FMP Research Symposium at the end of Spring Quarter.

Student Requirements

• At least a 2.7 GPA (your transfer GPA will apply if this is your 1st quarter)
• At least 90 units or junior standing
• Two quarter commitment
• No residency requirement
• Must be enrolled
• At least 10 hours of work per week
• Apply in the Fall

Contact: Karen Van Ness: (858) 534-5791, kvanness@ucsd.edu
Library Research Prize

2014 UNDERGRADUATE LIBRARY RESEARCH PRIZE
Second Place in Physical Life Sciences is hereby awarded to

Adam Simon

FOR OUTSTANDING LIBRARY RESEARCH CONDUCTED IN SUPPORT OF HIS PROJECT
Synthesis of a Novel 2-Denxyethylamine Mimetic: Building Blocks for Aminoglycoside Analogs

on this date: May 22, 2014

[Signature]

ASSOCIATE VICE CHANCELLOR FOR ADVANCEMENT, CAMPUS AFFAIRS
Health & Medical Professions Program
HMP³

• Preparation for careers in medicine, dentistry, pharmacy, veterinary, public health, nursing, etc.
• Open to all UCSD students
• Attend pre-professional seminars
• Participate in the Health Professions Mentor Program
• Apply for prep course scholarships
• Clearinghouse for information about other campus and community resources
• Application: rolling
• Contact: Adele Savage: asavage@ucsd.edu
AEP Summer Research Program
CAMP, MARC, McNair, UC Scholars

8-10 Weeks
GRE Courses
30 hours a week of faculty-mentored research!
Stipend & housing (*) included
THE MARC SCHOLARS PROGRAM

The Maximizing Access to Research Careers (MARC) Program prepares undergraduates who are underrepresented in the biomedical and behavioral sciences for graduate training at the Ph.D. level.

- 2-year program funded by the NIH
- Research experience during the academic year and during two summers, one at UCSD and the other at another university in the United States.

Benefits include
- a stipend throughout the program
- support for living expenses and travel to the second summer research experience
- partial reimbursement for tuition and health insurance
- support to attend local and national conferences

The MARC Program is funded to increase the number of scientists from groups that are underrepresented in the biosciences. This includes individuals who are from racial and ethnic groups that are underrepresented in health-related sciences, individuals with disabilities, and individuals from disadvantaged backgrounds.

Basic eligibility requirements include
- GPA of 3.5 or higher
- 90 quarter units (i.e., junior standing)
- expected graduation two years after starting the program
- an interest in the biosciences and in entering into a Ph.D. or M.D./Ph.D. program upon graduation

For more information go to marc.ucsd.edu or contact Kirsten Kung: kkung@ucsd.edu.
McNair Program

• One-year program to prepare students for careers as researchers and/or professors
• Students must be either/both:
  1. 1st-generation college and low-income
  2. Under-represented ethnicity
• Should be interested in the PhD
• 2 quarters of faculty-mentored research
• Summer Research Program (8 weeks)
• Contact: tkbrown@ucsd.edu
Inductee to Tijuana Walk of Fame Encourages Girls to Follow Her Path to Career in Engineering

One of the first initiatives Olivia Graeve put in place when she arrived on the UC San Diego campus last year was an academic summer program for female high school students from Tijuana and San Ysidro. The girls lived on campus and conducted research in engineering and biology labs.

The program is close to Graeve's heart. She was once a Tijuana high school
UC Scholars
Part of the Summer Research Program
- Open to all UCSD students (including international!)
- 8 week program
- 30 hours a week of faculty mentored research
- GRE Training
- Stipend
- Housing
- Present at the Summer Research Conference
UC SCHOLARS

UCSD SUMMER UNDERGRADUATE RESEARCH EXPERIENCE

This program is designed for undergraduates interested in pursuing a Ph.D. Students in the program conduct faculty mentored research projects for eight weeks, receiving a $2800 stipend, free on-campus housing (with the option to receive an off-campus housing stipend instead), & GRE training. This program is sponsored by Academic Enrichment Programs.

Eligibility: Students must have at least 90 units by the end of Spring Quarter 2015, must be enrolled full time at UCSD for the 2014-15 academic year, and must not have graduated before the end of the program (seniors may be able to delay their official graduate date). Students who are selected for the program may not take any other courses or be employed for the duration of the program.

PROGRAM DATES: JUNE 24 – AUGUST 14

FOR MORE INFORMATION & TO APPLY:
HTTPS://STUDENTS.UCSD.EDU/ACADEMICS/RESEARCH/UC-SCHOLARS/
Open to all UCSD undergraduates. Students must be nominated by a UCSD professor to participate.

For more information, or to nominate a student:

urc.ucsd.edu

Sponsored by Academic Enrichment Programs with the support of the Office of Research Affairs
UCSD Summer Undergraduate Research Scholarships (URS)

- Offered in a variety of disciplines
- Research projects done over the summer
- For students who are currently doing research or have a project in mind
- U.S. Citizen, Permanent Resident, or AB540-eligible
- $4000 for research-based expenses
- 30+ scholarships awarded
- Deadline February 9
Apply Fall 2014

Our Vision
An engineering workforce that looks like America.

$2500 scholarship for under-represented engineering students

Our Mission
NACME ensures American competitiveness in a flat world by leading and supporting the national effort to expand U.S. capability through increasing the number of successful African American, American Indian, and Latino women and men in science, technology, engineering, and mathematics (STEM) education and careers.
National Competitive Scholarships

- NSF Graduate Fellowship
- Barry A. Goldwater Scholarship
- Rhodes Fulbright Marshall
- Donald A. Strauss: Public Service
- Spring & Fall Information Sessions

http://ncs.ucsd.edu
Academic Enrichment Programs (AEP)

Academic Enrichment Programs are designed to broaden your educational experience and encourage your pursuit of an advanced degree.

AEP offers UCSD undergraduates the opportunity to obtain valuable research-oriented academic preparation in virtually any academic major including science, math, engineering, social sciences and the arts and humanities. AEP initiatives are designed to encourage such students to pursue Ph.D.’s, medical degrees and other advanced degrees by providing them the experience of conducting research under the guidance of UCSD faculty mentors and to present research findings at noted undergraduate research conferences in the company peers and established scientists. AEP participants also receive assistance and guidance in applying for graduate school and various fellowships and scholarships, and the chance to exchange ideas with other research undergraduates and faculty from across the country.