

X. UC SAN DIEGO COMMUNITY OUTREACH, SERVICE, AND PARTNERSHIPS

The University's mission emphasizes the importance of public service in addition to the fundamentals of teaching and research. The stated vision declares, "UC San Diego is proud to be a vital part of the fabric of San Diego's diverse communities. We are committed to strengthening our leadership role in sustaining the vitality and quality of our common living environment."⁸⁶ UC San Diego accomplishes this mission in a variety of ways, including community outreach programs, partnerships with local and regional governments and non-profits, academic service-learning, and the volunteer efforts of UC San Diego students, staff, and faculty.

UC SAN DIEGO COMMUNITY OUTREACH PROGRAMS

The University's community outreach programs described herein focus primarily on efforts to improve the quality of education in San Diego County and to enhance the educational opportunities and achievement of local students. This section summarizes a host of UC San Diego outreach programs targeted at economically disadvantaged and at-risk students, academic enrichment for local students, and at programs to provide teacher training and other support for local educators.⁸⁷

Early Academic Development Programs

Early Academic Outreach Program (EAOP). Since 1976, EAOP has been implemented on every major University of California campus administered by the UC Office of the President. The objective of the program is to expand the number of low-income and ethnically underrepresented students on UC Campuses. EAOP has successfully increased college preparedness through academic support, monitoring students in their educational pursuits, and distributing pertinent information to participants, their parents, and school staff. The program works with high schools, as well as community agencies, to keep students and their parents informed of the advantages of a college education and the requirements for admission. Since the start of EAOP at UC San Diego, the program has provided assistance to over 80,000 students in San Diego County; 95.0 percent of those students continue to pursue education after high school and 80.0 percent attend a four-year university.⁸⁸ Services provided through the program include:

- Academic Guidance: University mentors provide one-on-one or group guidance to students to reinforce the efforts of teachers, counselors, and parents. The academic progress of participants is monitored throughout the year, as mentors assist students in choosing a course plan best suited to their future college choice.
- Campus Tours: A visit to the University of California is provided each year for selected high schools.

⁸⁶ *UCSD and You* publication, Department of Government and Community Relations.

⁸⁷ Much of the following Information is from the Department of Government and Community Relations, *UCSD and You* Report and www.ucsd.edu.

⁸⁸ <http://eaop.ucsd.edu>.

- Parent Conference: Parents/Guardians are invited to attend a conference on topics such as college requirements and admission timelines, financial aid, post-secondary education, and career planning.
- Specialized Workshops: Various workshops are provided throughout the year. Some of the topics include the University of California admission application, financial aid, and the ACT/SAT admissions tests.⁸⁹

California Student Opportunity and Access Program San Diego and Imperial Counties (Cal-SOAP). The Cal-SOAP program is a statewide consortium working in partnership with the University of California system, the California State University system, public school districts, and local non-profit agencies. The focus is supporting and educating K-12th grade students who come from any of the following backgrounds: low-income families, who would be the first one in their family to attend college, and who attend schools or live in areas with documented low college eligibility or participation rates. The Cal-SOAP mission is to inform these students about post-secondary education and financial assistance as well as improving their academic achievements. The San Diego and Imperial Counties Cal-SOAP Consortium carries out this mission by establishing a program built around four central components:

- College Advisement: Trained College Peer Advisors (CPAs) serve as role models and provide assistance along the application process, from the college and scholarship search to writing the essay and understanding financial aid options.
- Academic Enrichment: CPA tutors provide dynamic, one-on-one academic advancement sessions to students in K-12th grade to assist them in their literacy and other academic skills.
- Community Resource: Provides as much information about post-secondary education to as many members of the community as possible by making home visits, disseminating newsletters, and conducting informative parent retreats.
- Community College: Informs high school students and their parents on how to actively pursue post-secondary education at the community college level as well giving community college students the knowledge about transferring to a four-year university.⁹⁰

Mathematics Engineering Science Achievement School Programs (MESA). Mathematics, Engineering, Science Achievement (MESA) is an academic enrichment program available throughout the University of California system that helps educationally disadvantaged students excel in math and science and graduate from college with degrees in math-based fields. Founded in 1970, the program serves pre-college, community college, and University students at more than 90 sites throughout California. MESA serves schools and students that can benefit from math, engineering, and science enrichment. Schools are selected based on the economic and cultural diversity of the student population, as well as district and local school administrative support in coordinating the program. Students are selected based on their interest in preparing for college and minimum grade point average requirements.

The core services of MESA include classroom learning facilitated by highly-qualified and trained UC San Diego students with strong math and science backgrounds; hands-on projects to apply classroom learning to real-world examples; the MESA Day Project Competition; academic

⁸⁹ Information on Early Academic Development found at <http://sea.ucsd.edu/> and from "UCSD and You", Department of Government and Community Relations.

⁹⁰ <http://www.sandiegocalsoap.com/star/index.php>.

excellence workshops designed to strengthen and advance core math knowledge; individual academic plans to aid the student in his or her path to higher education; career and college exploration via tours and presentations in various universities and industries; and services to aid parents in preparing for their child's academic future.⁹¹

UC San Diego TRIO Programs. The Office of UC San Diego TRIO Programs is home to several initiatives aimed at recruiting and assisting underrepresented secondary school students in attaining a post-secondary education. All TRIO programs are made possible via federal grants. The key initiatives of this office include:

- Upward Bound Classic: The objective is to motivate and prepare high school students to pursue a post-secondary education by providing eighty area high school students year-round activities including activities such as a summer residential experience at the UC San Diego campus, monthly field trips and or seminars, school-year tutoring, and mentorship.
- Upward Bound Math and Science: Fifty students with an interest in pursuing math, science, computer science, and engineering as a college major or career receive support from the Upward Bound Math/Science Program.
- Education Talent Search: Identifies and assists individuals from disadvantaged backgrounds that have the ability to strive in higher education by providing pre-admissions advisement, academic enrichment activities, and motivational experiences. The program is currently aiding 600, 6-12th grade students.⁹²

Community Outreach Partnership Center (COPC). The Community Outreach Partnership Center (COPC) is an outreach program developed to support students' understanding of science. UC San Diego was the first medical school in the country to receive this grant from the U.S. Department of Housing and Urban Development. Currently the COPC program is funded by the University of California, San Diego School of Medicine, the Howard Hughes Mentor Institute (HHMI), and the Health Resources Services Administration's Health Careers Opportunity Program. COPC utilizes the National Science Education Standards for their curriculum, which is aimed toward 7-12th grade students to support and extend their scientific knowledge and develop a background for a career in a science or health related field.

This is a year-round program that provides in-class and after-school instruction as well as hosting different activities such as Doctor for a Day, sponsored by the School of Medicine, and Expanding Your Horizons, which is sponsored by General Atomics and is an event that targets 6-12th grade girls. Students involved in this program are also encouraged to participate in the Greater San Diego Science and Engineering Fair (GSDSEF), local district science fairs, as well as the California State Science Fair (CSSF).⁹³

Consortium of High Schools, Undergraduate, and Medical Schools (CHUM). Linked to the UC San Diego School of Medicine, CHUM is science-based program designed to heighten local disadvantaged middle and high school students' interest and involvement in the sciences to prepare them for college. The program works with six local public schools during both the academic year and the summer providing events that include university visits, after school and

⁹¹ <http://mesa.ucop.edu>.

⁹² Information obtained from the main UC San Diego website information area for current students' community involvement, www.ucsd.edu/portal/site/ucsd.

⁹³ <http://meded.ucsd.edu/diversity/copc/>.

weekend science fair workshops at the school sites, PSAT/SAT training, the Winter Break Science Fair Mini-Camp at UC San Diego, teacher training, equipment sharing, lectures and curriculum modeling, and several summer experiences. This program also attends to the need to advance teacher education through curricular and laboratory support by offering courses to teachers of CHUM affiliated schools.

The Preuss School UC San Diego. The Preuss School is a public school located on the UC San Diego La Jolla campus chartered by the San Diego Unified School District. Preuss was established in 1998 with the mission to provide tuition-free, college preparatory education to economically disadvantaged, 6-12th grade students who will be the first in their families to achieve post-secondary education. Preuss' objective is to be a demanding college preparatory program aimed to prepare its students academically for the competitive admissions process into UC campuses and other intensive four-year universities. To achieve this goal The Preuss School focuses on the following principles:

- Personalization of instruction;
- Use of University resources to enhance teaching and learning;
- Providing a climate of high expectations and a strong academic culture;
- Tutoring to ensure student achievement;
- An innovative traditional liberal arts curriculum that emphasizes student understanding and literacy; and
- Weekly staff development and team meetings for teachers focused on teaching and learning using analysis of lessons and student work.

In 2008, The Preuss School made national news when they were rated the sixth best high school in the United States in Newsweek magazine's assessment of the top 100 schools.⁹⁴

Summer Bridge Program. The Summer Bridge Program, operated out of the Office of Academic Support and Instructional Services (OASIS), is a free four-week program for approximately 150 selected incoming UC San Diego freshmen. Students accepted into the Summer Bridge Program travel to one of the on-campus residence halls where they live for four weeks while taking two college-level courses earning a total of eight units towards their college degree. The students enjoy a myriad of social activities with a diverse peer group and have direct exposure to UC San Diego faculty. Program participants are also provided with support services during their first year of college through the Academic Transition Program (ATP), which provides services such as a peer mentor and quarterly social activities.

Academic Enrichment

The following UC San Diego-sponsored activities and events are meant to enrich the academic experience of local students. These programs show a strong commitment to stimulating students' interest in math and science.

Academic Connections. Through a combination of summer residential programs, year round academies, and distance education courses, Academic Connections gives high school students access to the extensive resources of UC San Diego. The program allows students to learn about the various fields of study, experiment with different disciplines, and prepare themselves for higher education. Eligible students must have a certain GPA, to enter this program as it is

⁹⁴ UC San Diego Institutional Research.

aimed at outstanding students who want to get a head start on their college experience. A few benefits of attending this program include: recognition for program participation on UC admission application, UC San Diego admission advising, and the opportunity to explore a specific academic field.

Asian and Pacific-Islander Student Alliance Annual High School Conference. Each year, nearly 500 high school students attend the free APSA Conference on the UC San Diego campus. This conference provides motivational speakers, workshops, and performances to encourage post-secondary education and the concerns Asian and Pacific-Islander youth in San Diego may have.

Balboa Elementary Math Technology Pilot Project. This program was developed for 4th-6th graders at Balboa Elementary School to encourage and produce an interest in mathematics. At the San Diego Supercomputer Center, students develop creative problem solving skills through building robots, managing their own virtual companies, and adventuring on survivor trips.

CalSpace Forum: Earth and Space Education. Primarily for high school and community college students, this program utilizes information shared by UC researchers on space related research on topics such as the view of Earth from space, solar systems, space engineering, and deep space. Student teams are formed around specific projects and mentored by experts at UC San Diego.

Center for Energy Research-Fusion Outreach Program. Focusing on plasma science and fusion energy, this program presents activities such as tours of fusion research facilities on the UC San Diego campus, a three-week summer course, visits to area schools, and booths at fairs and expositions in San Diego. This program is offered to middle and high school students and teachers.

COSMOS. Through UC San Diego's Jacobs School of Engineering, 8th – 12th grade students attend a four-week residential program that concentrates on technology and engineering, in addition to mathematics and science. Having the opportunity to work alongside university researchers and faculty, students receive an advanced academic experience through intensive classroom, laboratory, and design experience in subjects such as plant genetics, prescription drug discovery, robotics, earthquake engineering, and computer visualization.

EarthKAM. Based at UC San Diego, this NASA-sponsored project is aimed at middle school students around the world. Directed by Dr. Sally Ride (the first American woman in space) and Dr. Karen Flammer, UC San Diego undergraduates work alongside the students to utilize a web-based interface that manipulates a digital camera located on the International Space Station to photograph the earth.

The Internet Ambassador Program. This program is a resource developed to assist the community with the UC San Diego admissions process. Student interviews are published on the Admissions website and prospective students can ask questions through e-mail.

"I'm Going to College". Aimed at 4th grade students, this program is a collaboration between the UC San Diego Office of Admissions and Outreach and partner elementary schools to promote attending college by having students spend a morning at UC San Diego touring the campus and attending mock classes.

Gaining Early Awareness and Readiness for Undergraduate Programs (GEAR UP). UC San Diego partners with a number of local high schools in GEAR UP, which utilizes a variety of programs to point students and their families in the proper direction to be fully prepared for college. The types of programs used include campus tours, college fairs, tutoring, counseling, Saturday sessions, after-school academic enrichment activities, family involvement training, parent presentations, and staff development.

La Clase Mágica. This program was created for children, adolescents, and adults in predominantly Mexican communities. Employing computer-based activities, staff development and scholarships, this program helps students prepare both academically and socially to achieve in school.

Math and Reading Tutor. UC San Diego students provide individual tutoring and other types of learning experiences to local schools, community organizations, and literacy programs to help develop a strong background for advanced mathematics courses as well as to develop and strengthen literacy amongst children and families. This program is designed to involve the family and caregivers.

Public Health Organization at Helix High School. UC San Diego School of Medicine collaborates with Helix High School to supervise the development of a peer teaching model by creating educational materials for other schools. This program's objective is to increase the students' knowledge and interest in health-related fields of study and careers.

SD Math Circle. This program is aimed toward 6-12th grade students to give opportunities to experience challenging areas in math focusing on understanding and helping students succeed in mathematics competitions. Instructors, including UC San Diego mathematics faculty, provide an extensive curriculum and problems for the students to discuss and solve.

Scientific Research and the Brain. Created by the Scientists from the Laboratory of Cognitive Imaging at UC San Diego, this program presents information on the brain, including neuroimaging research, Alzheimer's disease, substance abuse, and other brain afflictions. Different levels of information are presented depending on the classrooms (ranging from 3rd – 12th grade).

Society of Women Engineers. This program is designed to encourage young girls to pursue education and careers in engineering by having members from the Society of Women Engineers act as role models through activities such middle school seminars performed once per week throughout the school year. Every fall 100-200 elementary school girls come to the UC San Diego campus to be a part of science and engineering events such as Lego MindStorms, spaghetti tension bridges, and egg-dropping competitions.

UC San Diego/GSDMC High School Honors Mathematics Contest. Cosponsored by the Greater San Diego Mathematics Council and UC San Diego, this contest was established in 1948. Each year more than 100 students from more than 20 high schools throughout the county come to UC San Diego to compete in a two-part mathematics competition. This contest was designed to give acknowledgment as well as to encourage students that are mathematically talented.

University Link. This program was developed to help community college students planning on transferring to UC San Diego by providing support, services, and admissions counseling. Partnerships exist with a number of local community colleges as well as high schools.

UC San Diego Education Studies Department and UC San Diego Extension – Support for Local Educators

UC San Diego Education Studies Department and the Education Department at UC San Diego Extension offer extensive programs aimed at improving the skills of local teachers and other educational workers. Some of these programs are UC San Diego-sponsored initiatives, while others are partnerships with local institutions.

UC San Diego Education Studies Department. The Education Studies Department offers several different types of degree programs for people interested in entering the field of education and those who want to further their education. All credentials provide preparation for teaching English language learners in a regular classroom setting.

- Undergraduate Degree: The opportunity to obtain a minor in Education is offered to undergraduate students within all majors.
- Master of Education (M.Ed.) Degree/Credential Programs: A M.Ed. degree/Multiple Subject Credential Program is offered at UC San Diego for people looking to obtain the California Preliminary Multiple Subject Teaching Credential for elementary school teachers. A M.Ed./Single Subject Credential is offered for people looking to obtain the California Preliminary Single Subject Credential in Biology, Chemistry, Geosciences, English, Mathematics, English, and Physics for secondary school teachers.
- Master of Arts Degree (M.A.): The M.A. Degree in Teaching and Learning: Research in Curriculum Design provides elementary and secondary school educators an extensive education in the principles of educational research and curriculum design. Students in the program can continue teaching full time while obtaining this degree, this is an important aspect of this program, overlapping and integrating research and practice so they can design, implement, and critically evaluate what they learn, into their own classrooms. The M.A. Degree in Teaching and Learning: ASL-English Bilingual Education is offered at UC San Diego with an emphasis in American Sign Language. Completion of this program will also qualify the teacher for the California Deaf and Hard of Hearing Specialist Teaching Credential and the Multiple Subject Teaching Credential for elementary school teachers.
- Doctor of Education: The Doctor of Education Degree in Teaching and Learning is developed to give professional educators the opportunity to gain research-based leadership skills in curriculum design, teaching, academic assessment, professional development, and educational reform. This is a four-year program. The Doctor of Education Degree in Educational Leadership is a program aimed toward educational administrators to support and extend their knowledge of effective school management and leadership through their own experiences and research on important issues. This is a three-year program. Both programs offer evening and weekend courses.⁹⁵

Center for Research in Educational Equity, Assessment, and Teaching Excellence (CREATE). The main objective of CREATE is to boost the number of underrepresented students at UC San Diego and other universities. This is done by forming partnerships between UC San Diego and local schools to provide professional development to teachers, conducting research to improve education opportunities for the students and offering the highest quality education to students at The Preuss School. Some of the professional development opportunities offered include:

⁹⁵ <http://www-tep.ucsd.edu/intro.shtm>.

- American History in the Schools (American HITS): American history elementary and middle school teachers are provided professional development opportunities through a partnership between UC San Diego, the San Diego County Office of Education, and several local organizations. Activities comprise summer institutes, monthly symposia, peer coaching, study groups, and online sessions. Concentrating on the following four themes, justice and liberty, citizenship/civic responsibility, developing nations, and significant people, the program was created to improve the knowledge of the participating teachers and their students.
- Science Education Association of San Diego (SEASAND): Taught by scientists, public school science teachers, and English Language learning specialists, this program focuses on science content and effective classroom strategies. Offered to middle school science teachers through summer institutes and school year sessions, participants receive resources for classroom use, effective strategies for science instruction to English language learners, understanding of relevant state standards, and university credit.
- California Reading and Literature Project (CRLP): Professional development in reading and language instruction for PreK-12 to ensure that students are receiving high quality, standards-based instruction.
- San Diego Area Writing Project: Established in 1977, this program is one of 17 California Writing Project sites and 170 National Writing Projects. Professional development is provided to teachers and instructors to improve the quality of their students' writing. By sharing expert practices the teachers develop a range of strategies to improve their own classrooms and those of other teachers. Examples of the programs offered include special workshops for teachers of English Language Learner (ELL) students, and preparing students for academic writing at the college level.
- UC San Diego History-Social Science Project: Professional development offered to teachers and instructors, to increase understanding of history and teaching, improve educational settings, promote different perspectives, and emphasize collaboration.⁹⁶

Principals Executive Program. Offered to outstanding and motivated K-12 public and private school leaders, the UC San Diego Principals Executive Program provides seminars that are geared to be experimental, purposeful, and team-centered. These give time for critical reflection, in addition to planning and action with colleagues from other schools, non-profit and government organizations, local businesses, and others.

The San Diego Science Alliance. This program concentrates on improving science literacy in education through networking and by connecting needed resources to educators. This is a nonprofit consortium of leaders from business, K-12 education, higher education, and scientific institutions in San Diego County. This group also initiates, conducts, and supports K-12 science education programs for students and teachers.

Science, Culture, History, and English Language Development (SCHLED). Social studies, science, and language arts are the subjects on which this professional development program focuses. Participating elementary school teachers receive content guidance from UC San Diego faculty, on-site support for teaching throughout the year, effective strategies for English language learners, and training in academic coaching in order to help colleagues.

⁹⁶ <http://create.ucsd.edu/>.

Teacher Recognition Program. This is an annual event put on by UC San Diego to show gratitude to high school teachers. Students accepting admission to UC San Diego nominate one of their teachers who have had a positive effect on their learning experience and who instill a lifelong devotion to learning. Teachers with the most nominations will receive a Teacher of the Year award.

University of California Professional Development Institute.⁹⁷ Based out of UC San Diego, this program offers partnerships with urban and rural school districts to provide professional development for teachers and administrators through publications, online courses, web tools, professional learning communities, and summer and academic year institutes.

University Extension Continuing Education for Educators

The University Extension Education Department offers a variety of courses, certificate programs, and state approved credentials that provide opportunities for integrated professional development for school communities and educational institutions. Courses that are provided include Cross Cultural Language and Academic Development, a new academic requirement by the California's Commission on Teacher Credentialing (CCTC) for teachers of English language learners, E-Learning and Instructional Technology, K-12 Professional Development, Special Populations and Exceptional Students, State Credentials and Requirements, Teaching Adult Learners, English as a Second Language, and Language Arts. Certificate programs that are offered include College Counseling, Community College Instruction, Gifted and Talented Education, Reading Instruction, Teaching English to Speakers of Other Languages, and Teaching Online. The CCTC Approved Programs offered are California Clear Credential and Reading Instruction: From Research to Practice.

UC San Diego Library Resources

Ten separate libraries make up the UC San Diego Libraries system, with services and programs designed to support the academic and programmatic pursuits of the UC San Diego faculty, students, and staff. This group of libraries consists of the Biomedical & Medical Center Libraries, CLICS: Center for Library & Instructional Computing Services, the Geisel Library Building (which houses the Arts Libraries, Art & Architecture Library, Music, Film, & Video Library, Mandeville Special Collections Library, Science & Engineering Library, Social Sciences & Humanities Library, Social Sciences Data Collection, Government and Geographic Information Services), International Relations and Pacific Studies Library, and the Scripps Institution of Oceanography Library.

Serving as the primary information commons and intellectual centers within the University, the UC San Diego libraries provide access to more than 3.200 million volumes, 257,000 electronic books, 33,640 serial subscriptions, 97,720 pamphlets, 14,050 linear feet of manuscripts and archives, 114,100 maps, 122,700 audio materials, 396,100 slides and other pictorials, and 17,980 video materials. Collectively, the UC San Diego library system is the second largest research library in Southern California. The mission of the UC San Diego Libraries is to be leaders in providing and promoting information resources and services to the UC San Diego community when, where, and how users want them. The libraries also actively support the University's public service mission by providing community, statewide, and national access to its resources.

⁹⁷ <http://ucpdi.ucsd.edu/index.cfm>.

The UC San Diego libraries are a key partner in several collaborative initiatives and activities, and the following is a brief sampling of these efforts.

Digital Library Program. The Digital Library Program (DLP) is the major component of the execution, management, support, collaborative conception, and long-term preservation of digital assets in support of the Libraries' mission and goals. There are many different people and jobs that facilitate the operation of the DLP including local public librarians who provide feedback on the usability of the program.

California Digital Library. The California Digital Library provides a single point of online access for digital collections produced or managed by the University of California. This site offers a broad range of scholarly and popular content, and the digital collections reflect the diverse interests and scholarship of the University of California. This website is a first step toward bringing together publicly accessible digital collections that are created and managed by the University of California. The California Digital Library supports the assembly and creative use of the world's scholarship and knowledge for the University of California libraries and the communities they serve.⁹⁸

Academic and Athletic Camps

UC San Diego offers a wide variety of academic and athletic camps open to middle school and high school youth, both during the academic year and during the summer months.

Intercollegiate Athletics. Various specialized athletic camps are provided by UC San Diego to participants ages five to 18. Camps that are offered include: baseball, men's and women's basketball, crew, softball, swimming and diving, tennis, women's volleyball, and women's water polo. The University also offers a general Athletic Performance Camp that allows athletes of all sports the opportunity to learn principles and applications, improve on strength training techniques, and gain knowledge of other aspects of sport specific speed.

UC San Diego Jazz Camp. Offered to intermediate to advanced level musicians ages 14 and up, this five-day program provides group courses and workshops, private lessons, ensemble participation, demonstrations, and faculty concerts. Instructed by leading jazz improvisers and educators, the objective of the camp is to, "work to break down the boundaries between 'inside' and 'outside,' sharpening performance skills, and enriching the experience of jazz as a broad spectrum of options for musical expression."⁹⁹

UC San Diego Recreation. The department of recreation offers numerous youth summer camps. In the Knock Around Camps offered to ages five to 11, children are introduced to a wide variety of activities designed to promote teamwork, self-esteem, leadership, cultural awareness, and friendship. Different types of Knock Around Camps are provided such as day camp, sports camp, and beach camp. Leadership Camps are for youth entering grades 7 through 9 and host a number of different sessions to satisfy the interest of each individual. Sessions include topics such as theatre, sports, food, photography, wilderness orientations, and more. UC San Diego Recreation also provides quarterly youth classes and activities including swimming, dance, martial arts, and more.

⁹⁸ <http://www.ucsd.edu/portal/site/Libraries>.

⁹⁹ "About Jazz Camp", <http://jazzcamp.ucsd.edu/>.

Summer Discovery at UC San Diego. This camp experience is designed as a portal for college-bound high school students to sample college in a real setting. For five weeks students live in on-campus residences, attend one or two classes along with undergraduate college students, and have the opportunity to earn course credit on an official UC transcript.

Other Outreach Initiatives

Osher Lifelong Learning Institute. UC San Diego's Osher Lifelong Learning Institute (OLLI), offered through the University Extension, is an educational program for people ages 50 and above. Boasting more than 600 members, the program offers noncredit classes, lectures, study tours, and other activities for those who want to learn for the pure enjoyment of learning. There are no tests or grades and classes are open only to OLLI members, so learning takes place in a peer environment. The UC San Diego Osher Lifelong Learning Institute is committed to creating a productive outlet for the energies of semi-retired or retired persons by encouraging involvement in University life through a curriculum of unique and intellectually stimulating learning opportunities consistent with the high standards of the University of California.

The programs are offered in San Diego and courses are taught by members of the Institute, as well as current UC San Diego faculty. Course topics vary each quarter and are modified based on student evaluations and feedback.

COMMUNITY PARTNERSHIPS

UC San Diego participates in several ongoing partnership initiatives with local, regional, and state government agencies, as well as community service organizations and non-profits. These partnership initiatives have a variety of goals, including enhancing awareness, encouraging business development, improving public health, and reducing traffic congestion.

Disability Awareness Month

Disability Awareness Month is an annual celebration held every October. This event showcases the abilities and talents of people with disabilities. This collaboration between UC San Diego and the San Diego community helps develop knowledge and awareness.

The Lesbian Gay Bisexual Transgender Resource Center (LGBT)

The Lesbian Gay Bisexual Transgender Center (LGBT) is open to the extended UC San Diego community. The center is a public space devoted to exploring issues relating to sexual and gender identities, practices, and politics. The Center offers a space to spend time and study, academic resources, educational and cultural events, and a Speakers Bureau. The LGBT provides resources to other LGBT organizations at UC San Diego and in the community.

UCSD-TV

UCSD-TV is the only broadcast television station administered by the University of California. It provides commercial-free programming that gives the San Diego community comprehensive television programs that are educational and diverse. The Emmy Award-winning station has been broadcasting for more than a decade. As stated in their mission, "UCSD-TV believes that enlightenment and entertainment need not be mutually exclusive." UCSD-TV has access to affairs within the campus community as well as the San Diego region and other UC Campuses.

Intellectual shows reach topics on science, medicine and health, the arts and music, public affairs, and humanities. Samples of the different types of shows include:

- A month long environmentally concentrated series of programs created to help celebrate Earth Day;
- A half-hour long story told through dance, poetry, and music with the purpose of educating youth about HIV/AIDS;
- A program that focuses on the activities and developments at all of the UC campuses;
- A series of shows on cancer awareness, prevention, treatment, and research; and
- Spotlights on the San Diego Opera.

UCSD-TV programming has been bestowed numerous prestigious awards including multiple Emmy's, Telly's, Remi's, Aurora Awards, and honors from the International Film and Video Festival.¹⁰⁰

Athena

Athena is an organization that is part of the Rady School of Management. It was created for women in the San Diego technology and business communities to help develop professional and personal growth. Athena focuses on inclusion, risk-taking, education, recognition, and diversity of thought, thereby increasing competitiveness and opportunity in the San Diego business community. This is cultivated through a set of educational and motivational programs in addition to professional and social networking opportunities. Athena also provides five annual scholarships to local high school seniors to help them achieve their goal of postsecondary education.

CONNECT

CONNECT is a successful organization created in part by UC San Diego, that encourages entrepreneurship in the San Diego region. CONNECT has been directly involved with more than 900 companies and focuses on supporting the growth of technology and life science businesses. This organization is highly regarded as a thriving relationship between high-tech entrepreneurs and University resources. Although CONNECT is now an independent organization, UC San Diego's School of Medicine, Scripps Institution of Oceanography, Jacobs School of Engineering, and San Diego Super Computer Center continue to collaborate with CONNECT.¹⁰¹

Transportation Efforts

UC San Diego also offers numerous programs to students and staff to help reduce traffic congestion and pollution. The CityShuttles program at UC San Diego provides public transportation for students, faculty, and staff to commercial areas and neighborhoods proximate to the main campus. The *Nobel* and *Arriba* shuttles operate between 7 a.m. and 12:15 a.m. daily, with buses departing from Mandeville Center on campus every 8 to 15 minutes depending on time of day. Together the two bus routes service six bus stops located both on campus, and in the off-campus areas of Nobel Drive, La Jolla Village Center, and the Regents Road area of La Jolla. Over 6,000 faculty, students, and staff enter campus via bus,

¹⁰⁰ <http://www.ucsd.tv/>.

¹⁰¹ "UCSD CONNECT", UCSD and You Report and www.connect.org/about

shuttle, and carpool on a daily basis. This ridership has increased by approximately 19.0 percent over the previous year, reducing UC San Diego's carbon emissions by providing an alternative to automobile dependency.

A number of the UC San Diego transportation programs are partnerships with the County of San Diego, Metropolitan Transit System, and businesses. The Transit/Coaster Club is a program that offers benefits to participants that commit to riding public transportation daily. In addition to the standard UC San Diego transit discount offered to students and staff, members receive two months free ridership, enjoy discount passes, gain free access to Flexcar (a car sharing program offered in numerous states), and receive up to three courtesy rides per year through the Guaranteed Ride Home Program as well as an Occasional Use parking permit. Another program is the Pedal Club for students and staff who cycle every day. The benefits are similar to those of the Transit/Coaster Club only instead of discounts on public transit, members receive discounts at the UC San Diego Bike Shop. Other programs offered include carpooling, vanpooling, and the Flexcar service mentioned above.¹⁰²

ACADEMIC SERVICE-LEARNING

In addition to outreach and partnership initiatives, the University incorporates community service directly into the curriculum of its undergraduate programs as well as encouraging students to become involved. Some of these service-learning and community involvement opportunities are described below.

Partners at Learning (PAL)

This program gives undergraduate students the ability to obtain experience working directly in a K-12 education environment. PAL partner schools are typically in lower-income neighborhoods. Provided in the PAL course structure, UC San Diego students are given a background of theoretical and practical information in K-12 education through academic work and fieldwork. The UC San Diego undergraduate students provide one-on-one tutoring and small group interaction that not only challenge students but help encourage and motivate the pursuit of higher education. PAL is open to all colleges and all academic majors; these courses fulfill some general education and writing requirements as well as some of the requirements for an Education Studies minor.

Public Service Minor

The Public Service Minor is for students who want gain knowledge on the history and practices of public service and want to develop civic skills. To achieve a Public Service Minor students are required to participate in a three-quarter, 12-unit internship in a non-profit or government sector. This gives students the opportunity to learn through hands-on experience, develop connections, and achieve an in-depth understanding of methods and practices in addressing social issues.

¹⁰² Transportation and Parking Services,
<http://blink.ucsd.edu/Blink/External/Topics/Sponsor/0,1362,13952,00.html>.

UC San Diego Teams in Engineering Service (TIES)

The Jacobs School of Engineering Teams in Engineering Service (TIES) is a partnership between engineering students and non-profit organizations in the local community developed through an academic program. This program not only helps give students the opportunity to apply the knowledge and skills they have learned at UC San Diego and gain real-world experience, but it assists non-profit organizations by working to recognize, tackle, and solve engineering issues. TIES was developed after the proven success of the Engineering Projects in Community Service (EPICS) Program at Purdue University and is still the only program of its nature in the western U.S. Some of TIES community partnerships include:

- Lakeside's River Park Conservancy: Lakeside's River Park Conservancy's objective is to preserve and restore natural integrity to the San Diego River while incorporating community activities and education. Samples of TIES work include creating an educational kiosk to provide information about the River Park to visitors and building mobile overlooks for restoration projects.
- Save Our Children's Sight: Save Our Children's Sights is a partnership between the San Diego Unified School District, Head Start, and the Abraham Ratner Children's Eye Center at UC San Diego's Shiley Eye Center. TIES' goal is to upgrade the current screening system using an up-to-date, high-resolution digital camera and specialized lens model and to develop new screening software.¹⁰³

Academic Internship Programs

UC San Diego's Academic Internship Program (AIP) gives students the chance to utilize their academic knowledge and skills in various corporate and community settings while earning academic credit. This program was established in 1976 and offers the students counselor guidance in choosing appropriate internships, resume preparation, and placement facilitation. Students can choose from an internship through AIP, can develop their own internships, incorporate an internship they found on their own into the program, and be a part of Out-of-Town internships. Some examples of such opportunities include internships in the following settings: Law Firms, Television and Radio Stations, Governmental Agencies, Advertising Agencies, International Organizations, Human Services Agencies, Schools, Medical Research Labs, Publishers, High-Tech Organizations, Elected Officials, and Non-Profits.¹⁰⁴

STUDENT, STAFF, AND FACULTY VOLUNTEER PROGRAMS

The contributions of the UC San Diego community extend beyond formal initiatives, programs, and courses. UC San Diego students, staff, and faculty are also very active in community service through individual and group volunteerism.

Student Volunteer Programs

UC San Diego's student population has proven dedicated to community service and volunteer activities. There are over 70 student volunteer service organizations, including every campus fraternity and sorority organization, each of which requires some form of community service as a condition of membership.

¹⁰³ <http://ties.ucsd.edu>.

¹⁰⁴ <http://aip.ucsd.edu/students>.

As part of the UC San Diego experience, students are encouraged to volunteer in efforts that enhance the community. Students donate their time and efforts to a wide variety of service activities. Some examples of service organizations in which students have been involved include the following:

- **UCSD Cares:** UC San Diego students and staff participate in this week-long community service campaign. It is a collaboration of more than 50 campus organizations, involving over 1,000 students in the form of service activity. These activities range from a donation drive, signing up for future volunteer opportunities, fundraisers, and more. Charities that benefit include the American Cancer Society, United Way, and San Diego Rescue Mission.
- **Best Buddies:** Best Buddies is a community service organization that works to socially integrate people with intellectual disabilities by providing opportunities for one-to-one friendships. This program matches up UC San Diego students with developmentally disabled peers and sponsors regular group outings, field trips, and the annual Best Buddies Ball.
- **Eyes on the Elderly:** UC San Diego students visit a local convalescent home to spend time with neglected members of the elderly community. They lead games, assist staff, visit different rooms, and try to develop a fun and positive atmosphere.
- **Active Students for Teens:** UC San Diego students work as mentors and tutors to help guide students from a local high school. The program brings the high school students to the UC San Diego campus to encourage and introduce them to the University life.
- **Community Outreach Effort (CORE):** This program offers one-time and on-going service projects. Examples of CORE projects include beach cleanups, working for a food delivery service for AIDS patients, working at a homeless shelter, and tutoring K-12 students.

Volunteer Connection. Run by students, this organization helps connect students to over 200 volunteer opportunities in San Diego County. The various opportunities include working with the Peace Corps, Teach for America, San Diego Reads, Thanksgiving Adopt-A-Family, a holiday toy drive, and “Hands of San Diego Program”. The opportunities for volunteering through the Volunteer Connection usually focus on programs involving at-risk youth, the elderly, the economically disadvantaged, and the disabled.¹⁰⁵

Staff and Faculty Volunteer Programs

Though hours of community service contributed by UC San Diego staff and faculty members are not tracked by the University, it is well known that both staff and faculty are very dedicated to the campus and the local community and frequently donate their time and efforts to a variety of events and activities. Some examples of the various volunteer efforts performed by UC San Diego staff and faculty members include the following:

- **Rady School of Management:** Faculty and staff from the Rady School of Management use their Staff Development Day to volunteer in the community.
- **UC San Diego Staff Association:** The UC San Diego Staff Association holds an annual Toy Drive benefiting children from the UC San Diego Medical Center Burn Unit, UC San

¹⁰⁵ “UCSD and the Community”, UCSD Cares Report.

Diego Infant Care Center, Kaiser Permanente Pediatric Unit, UC San Diego Mother, Child, and Adolescent Care, and National City Boys and Girls Club.

The already extensive list of volunteer opportunities provided through UC San Diego, continues to expand, helping students, staff, and faculty develop leadership skills and cultivate their involvement as well as benefit the community.