

UC *IMPACTS*



THE UNIVERSITY OF CALIFORNIA CONTRIBUTES TO THE STATE'S ECONOMIC VITALITY AND THE QUALITY OF LIFE OF ALL CALIFORNIANS THROUGH ITS EDUCATIONAL OPPORTUNITIES, GROUNDBREAKING RESEARCH AND VALUABLE CULTURAL RESOURCES. WITH MORE THAN 228,000 STUDENTS, 180,000 FACULTY AND STAFF, 50,000 RETIREES AND NEARLY 1.6 MILLION LIVING ALUMNI, UC IS TRANSFORMING LIVES, INSPIRING INNOVATION, EMPOWERING CREATIVITY AND DRIVING PROSPERITY THROUGHOUT THE STATE, THE NATION AND THE WORLD.

THE UNIVERSITY'S CONTRIBUTION TO CALIFORNIA

CALIFORNIA'S ECONOMIC ENGINE

- » UC research has been critical to the development of many of California's leading industries – from biotechnology to information technology to telecommunications.
- » Nearly 400,000 jobs in California depend on UC operations. That includes non-university jobs that university expenditures create.
- » UC contributes more than \$14 billion in California economic activity and more than \$4 billion in state and local tax revenues each year.
- » Driving the next wave of California's economic growth, UC is taking a global role in developing new industries – from nanotechnology to digital media to green technology.
- » More than 1,000 California biotech, high-tech and other innovative R&D-intensive companies put UC research to work every day.
- » Since 1976, 461 startup companies have been formed with UC inventions.

INNOVATION AND RESEARCH

- » UC spends about \$4.9 billion annually on research, nearly half of which is funded by federal agencies. For every \$1 in research funding provided by the state of California, UC secures \$5 more in federal and private research dollars.
- » UC researchers produce, on average, four new inventions a day.
- » UC develops more patents than any other university in the nation and has held that top spot for the past 15 years. UC holds 3,617 active U.S. patents, many of which have led to the creation of today's leading industries.

WORK FORCE DEVELOPMENT

- » With more than 1 million UC graduates, California has one of the best-trained work forces in the world. UC graduates more than 55,000 students a year.
- » UC awards 7 percent of the nation's Ph.D.s, more than competitors like Stanford, Harvard, Yale and other Ivy League universities.
- » As a center for lifelong learning and continuing professional development, UC has the nation's largest continuing education program, with about 300,000 students each year enrolled in 17,000 extension courses around the state.

GROWING CALIFORNIA'S AGRICULTURAL ECONOMY

- » From its beginnings as a land-grant institution chartered in 1868, UC has been a valuable partner in California's agricultural industry. UC discoveries in crop management, pest control and food processing have helped farmers everywhere to literally feed the world.
- » UC helps California agriculture compete globally and farm more sustainably. California's \$36.6 billion agricultural sector produces more than 400 commodities.
- » When UC researchers discovered in the late 1800s how to remove salts from the soils of California's Central Valley, they took their research directly to the fields, turning what was once barren alkaline land into the most productive agricultural region in the world.
- » UC trains the state's vintners and certifies more than 95 percent of wine grapes, providing a reliable supply of high-quality crop for California's multibillion-dollar wine industry.

UC OFFERS EDUCATION IN 150 ACADEMIC DISCIPLINES, WITH MORE DEPARTMENTS RANKED IN THE TOP 10 NATIONALLY THAN AT ANY OTHER PUBLIC OR PRIVATE UNIVERSITY.

IMPROVING HEALTH

- » UC hospitals and clinics handle more than 3.8 million outpatient visits, 254,000 emergency room visits and 140,000 inpatient admissions each year, including a high proportion of the state's uninsured, low-income, medically vulnerable patients.
- » UC educates 14,000 health sciences students each year and trains three out of five of the medical students in California.
- » UC's health care delivery system is the fourth-largest in California, with 32,000 medical center employees who provide more than \$5 billion in patient care annually.
- » Statewide, UC provides treatment for half of all organ transplants, a quarter of all extensive burn cases and operates or staffs five Level 1 trauma centers.
- » UC's medical centers perform hundreds of clinical trials every year, resulting in new drugs and disease treatments.
- » PRIME medical education programs at five UC campuses train physician-leaders committed to improving health care in underserved communities, such as rural areas and in the Latino community.

ACCESS TO AN EXCELLENT EDUCATION

- » Nearly 90 percent of all UC students are California residents – including 94 percent of undergraduates.
- » UC offers education in 150 academic disciplines, with more departments ranked in the top 10 nationally than at any other public or private university.
- » Six UC campuses are members of the prestigious 62-member Association of American Universities, a representation no other state can match.
- » UC has the highest proportion of low-income students among the country's top research universities and provides more than \$1.6 billion in financial aid to about two-thirds of its students.
- » More than 14,000 community college students transferred to UC last year, and roughly a third of UC bachelor's

degrees awarded each year go to students who started at a community college.

- » UC's Education Abroad Program, partnering with 100 top host institutions in 34 countries, provides students with learning opportunities around the world, and UC academic centers in Sacramento and Washington give students an up-close look at the world of government.

IMPROVING K-12, MATH AND SCIENCE EDUCATION

- » UC operates academic preparation programs across the state that focus on improving the college readiness of educationally disadvantaged students; 50 percent of participants in these programs enroll at UC, CSU or a community college, compared with 25 percent of peers.
- » UC is spearheading Cal Teach, which will train 1,000 new math and science teachers annually for public schools statewide.

IMPORTANT COMMUNITY AND CULTURAL RESOURCES

- » UC has scores of museums, concert halls, art galleries, observatories and marine centers, sports facilities, performing arts centers, and gardens, providing cultural and entertainment resources for their communities.
- » UC campuses house more than 100 libraries, collectively representing the largest research/academic library in the world with more than 33 million volumes. UC's California Digital Library has one of the world's largest collections of digital materials, including 24,000 electronic journals.
- » UC operates the 4-H program, which serves more than 130,000 California youth, and sponsors many other community activities, youth and recreational sports programs.
- » UC manages more than 135,000 acres of protected natural habitat.



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UC HAS 10 CAMPUSES, FIVE MEDICAL CENTERS, 16 HEALTH PROFESSIONAL SCHOOLS, FOUR LAW SCHOOLS AND THE STATE'S ONLY PUBLIC VETERINARY SCHOOL, PLUS PROFESSIONAL AND ENRICHMENT COURSES AND AGRICULTURAL AND NATURAL RESOURCES PROGRAMS WHICH EXTEND LEARNING THROUGHOUT CALIFORNIA. AT THE THREE U.S. DEPARTMENT OF ENERGY LABORATORIES THE UNIVERSITY HELPS MANAGE, UC LEADS OUR NATION'S HIGHEST-PRIORITY RESEARCH IN FIELDS RANGING FROM NATIONAL SECURITY TO ENERGY EFFICIENCY.

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