

# 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 235,000 STUDENTS, 186,000 FACULTY AND STAFF, 55,000 RETIREES AND NEARLY 1.6 MILLION LIVING ALUMNI, UC IS TRANSFORMING LIVES, INSPIRING INNOVATION, EMPOWERING CREATIVITY AND DRIVING PROSPERITY THROUGHOUT CALIFORNIA 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.
- » 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, 538 startup companies have been formed with UC inventions.

**INNOVATION AND RESEARCH**

- » UC spends about \$3.8 billion annually on direct research costs, nearly half of which is funded by federal agencies. For every \$1 in research funding provided by the state of California, UC secures \$8 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 17 years. UC holds 3,802 active U.S. patents, many of which have led to the creation of today's leading industries.

**WORK FORCE DEVELOPMENT**

- » With more than 1.6 million UC graduates, California produces one of the best-trained work forces in the world. UC graduates more than 61,000 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 20,000 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 \$36.2 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 DEVELOPS MORE PATENTS THAN ANY OTHER UNIVERSITY IN THE NATION AND HAS HELD THAT TOP SPOT FOR THE PAST 17 YEARS.

**IMPROVING HEALTH**

- » UC hospitals and clinics handle about 3.8 million outpatient visits, 268,000 emergency room visits and 143,000 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 nearly half of the of the medical students and medical residents in California.
- » UC's health care delivery system is the fourth-largest in California, with 36,000 medical center employees who provide nearly \$6 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.
- » UC's PRIME medical education programs train physician-leaders committed to improving health care in underserved communities, such as rural areas and in the Latino community. A sixth PRIME program – UC Merced San Joaquin Valley – will open in 2011.

**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.
- » Six UC campuses are members of the prestigious 62-member Association of American Universities, a representation no other state system can match.
- » UC has the highest proportion of low-income students among the country's top research universities and provides more than \$1.9 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 are awarded to students who started at a community college.

- » UC's Education Abroad Program, partnering with 100 top host institutions in 35 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 to improve the college readiness of educationally disadvantaged students. For the class of 2009, 67 percent of participants in UC's three largest academic preparation programs enrolled in UC, CSU or a community college, compared with 46 percent of students statewide.
- » UC is leading Cal Teach, a statewide program to train new math and science teachers for public schools.

**IMPORTANT COMMUNITY AND CULTURAL RESOURCES**

- » UC has scores of museums, concert halls, art galleries, botanical gardens, observatories, marine centers, sports facilities and performing arts centers, 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 34,000 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 California habitat in its Natural Reserve System.



**WITH MORE THAN 1.6 MILLION UC GRADUATES, CALIFORNIA HAS ONE OF THE BEST-TRAINED WORK FORCES IN THE WORLD. UC GRADUATES MORE THAN 61,000 STUDENTS A YEAR.**



**UC HAS 10 CAMPUSES, FIVE MEDICAL CENTERS, 16 HEALTH PROFESSIONAL SCHOOLS, FOUR LAW SCHOOLS, 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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