

UC and the Federal Government

The federal government is an essential partner to the University of California (UC), helping to ensure that UC is an economic and innovation engine for California and the nation. The federal government provides support for UC in three crucial areas: student financial aid, federally-funded research and health care programs. In 2017-18, UC's estimated federal support was more than \$10 billion. These funds help UC educate our nation's workforce, advance scientific and technological breakthroughs, and provide world-class medical training and patient care. Together, UC, the federal government and the state of California open doors of opportunity for the next generation of Californians.

Federal Financial Aid at UC

UC helps its students succeed in college by combining federal, state and university aid — along with contributions from students and their families — into a comprehensive package that ensures that cost is not a barrier to enrollment and graduation.

- UC students receive approximately \$1.69 billion in federal student aid – including Pell Grants, other grants, fellowships, work-study and student loans – combined with \$1.64 billion in institutional aid and \$984 million in state financial aid.
- UC enrolls more Pell Grant recipients than any comparable research university, with 37 percent of UC undergraduates receiving Pell awards in fall 2019 for a total disbursement of \$412 million.
- 57 percent of UC's in-state undergraduate students have their tuition covered thanks to financial aid from the federal government, combined with California state financial aid and UC's institutional aid.
- 52 percent of UC graduates complete their degree with no student loan debt; of those who do borrow, the average debt is \$20,200, compared to \$30,100 nationally.
- UC is a driver of social mobility for California: 41 percent of undergraduates are first-generation, and 28 percent transferred from community college. Further, UC is an equalizer for students who come from families with incomes in the lowest 20 percent – they go on to earn as much as students who came from middle-income families. Those earnings double within 10 years of graduation.

UC Research and the Federal Investment

Federal support for research is key to allow UC – and California – to continue as a global leader in identifying solutions to the greatest scientific and technological challenges of our time.

- UC is the nation's largest recipient of federally-sponsored project for academic research, conducting approximately one-tenth of all federally-funded academic research and development in the U.S.
- Federal funds are the university's single most important source of support for research, accounting more than half of UC's total research awards. Of the approximately \$5 billion

in research awards received by UC investigators each year, in FY 2018, more than \$2.95 billion came from federal agencies.

- UC is the largest recipient of funding from the two federal agencies: The National Institutes of Health (NIH) and the National Science Foundation (NSF). UC generally receives 5 to 6 percent of NIH's annual funding and 7 to 8 percent of NSF's.
- UC also provides a critical service to the nation through its role in managing and operating three Department of Energy national laboratories: Lawrence Berkeley, Lawrence Livermore and Los Alamos.
- UC produces more patents than any other U.S. university. UC patents include the vaccine for Hepatitis B, drugs to treat prostate cancer, mobility bionics and exoskeletons that enable paraplegics to walk, and market-leading varieties of strawberries and citrus.

Providing Care at UC Health

UC Health – the university's health care enterprise – is the nation's largest academic health system, with five academic medical centers and more than 174,000 inpatient admissions, 375,000 emergency room visits and 4.7 million outpatient visits each year.

- As safety net hospitals, UC Health's five academic medical centers serve some of the most critically-ill patients in the state, providing more than \$250 million in charity care and \$914 million in uncompensated care in FY 2017.
- Operations are supported by insurance reimbursements, with two-thirds of patients using Medicaid (Medi-Cal) or Medicare. Estimates show that Medicaid reimbursements often cover only about 50-60 percent of the actual cost of care per patient, while Medicare covers no more than 90 percent.
- As a leading educator of future physicians, UC Health is responsible for providing training to thousands of medical students and residents each year. UC partners with the federal government to train nearly 5,000 medical residents, while UC solely assumes the costs of training an additional 600 residents – at a cost of \$59 million to the university. Further, UC operates the largest health sciences instructional program in the nation, enrolling more than 14,000 students across 18 health science schools at seven campuses.
- In areas where physician shortages are more severe, the federal government and UC's partnership extends to programs within the Title VII health professions training and Title VIII nursing workforce development programs of the Health Resources and Services Administration, which provide additional funding to allow UC Health and its physicians to focus on reducing primary care shortages in underserved areas.