## **UC Pulse**

UNIVERSITY OF CALIFORNIA

The University of California made history this month when four UC faculty and one alumnus were awarded Nobel Prizes - the first time any institution has had four faculty winners in a single year. Every one of their world-changing discoveries was made possible because of federal research funding. As UC President James B. Milliken said in a recent video, this year's Nobel Prize winners are a good reminder that when we invest in science, America leads the world.



Nobel Prizes aren't the only accolades making UC proud this fall. UC Berkeley and UCLA have been named the top two <u>public universities</u> in the country, with seven UC campuses in the top 25 and all nine undergraduate campuses in the top 45, according to the <u>2026 Best Colleges rankings</u>, by U.S. News & World Report.

The rankings coincide with college application season, which is now in full swing. The University expects to receive roughly 250,000 applications by the Dec. 1 deadline. UC offers prospective students and their families lots of tips and resources to help with the application process, including information on UC's strong financial aid program, of which federal Pell Grants are such an essential part.

Thank you for your support of UC. If you or your boss would like to visit one of our campuses, health centers, Agriculture and Natural Resources sites and other UC locations, please reach out.

- Chris Harrington, UC Associate Vice President, Federal Governmental Relations

# Engineers, neurosurgeons help restore autonomy for people with paralysis

In a world first, a team of engineers, neuroscientists and neurosurgeons at UC Davis and UC Davis Health has demonstrated that brain-computer interfaces used to translate brain signals into speech can also enable control of a computer cursor. The breakthrough was funded by the National Science Foundation and the National Institutes of Health.

### 2.

#### How UC helps 3 Central Valley farmers feed America UC researchers work with farmers across California, helping them optimize their practices and develop new varietals, like

the juicy Rosy Red Valencia.

## 3.

# FDA clears UCLA heart tissue regeneration drug for clinical trials

With funding from the Department of Defense and the National Institutes of Health - this first-of-its-kind drug targets cellular metabolism to promote <u>tissue repair of multiple organs</u>.

## 4.

# UC Riverside computer scientists boost U.S. cybersecurity

As cyber threats grow more sophisticated, researchers are making computing safer, thanks to federally-funded research, including from the Department of Defense and the National Science Foundation - that targets some of <a href="mailto:the">the</a> internet's most pressing security challenges.

## 5.

## The NASA-funded breakthroughs that power our daily lives

From GPS to innovations in computing and optics, technologies developed for space research at UC Santa Cruz touch nearly every aspect of modern life - and <u>federal funding plays a critical role</u> in these advancements.

#### **Did You Know?**

UC faculty have won **75 Nobel Prizes** 

60% of California's Ph.D.s come from UC

75% of UC's graduate academic degrees are in STEM fields

#### **From Coast To Capital**

**UC Alumni Career Network: Work for California - Your State Career** 

Online | Nov. 12, 2025

UC alumni will learn about the benefits of California state service, the range of career opportunities available and how to search and apply for state jobs. Please share with interested constituents.

**UC Washington Center: Upcoming Events** Washington, D.C.

The UC Washington Center (UCDC) serves as a live-learn facility for the University in the nation's capital, offering a dynamic environment for education, research and engagement. Upcoming events at UCDC can be explored online here.



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