Welcome to the latest COVID-19 update with information about how the University of California is responding and adapting to the pandemic, as well as campus, health center and national laboratory news.

Throughout the week, UC Health publishes dashboards via its Twitter handle – @UofCAHealth – sharing COVID-19 updates from the five academic medical centers, such as the number of positive patients that have needed admission and the number of patients tested, among other information.

Follow @UofCAHealth for COVID-19 Updates

Preparedness and Response
Critical operations continue at all UC campus and system locations, and our health centers continue to provide vital services to their communities.

- As cases of COVID-19 continue in the Navajo Nation, UCSF is sending a second team of health care workers – 13 nurses and six physicians – to help provide urgently needed support to the largest hospitals serving Navajo patients. >> Read More
- Engineers at UC San Diego developed a remote monitoring platform for patients who have tested positive for COVID-19 but aren’t in need of hospitalization. >> Read More
- Researchers at Lawrence Berkeley National Laboratory are launching a project to apply machine-learning methods to better estimate COVID-19’s seasonal cycle. >> Read More
- A machine-learning model developed at the UCLA Samueli School of Engineering is helping the Centers for Disease Control and Prevention predict the spread of COVID-19. >> Read More
- Preparing for employees to return to onsite work safely at Los Alamos National Laboratory requires protective and preventive measures, so when regular supply chains couldn’t keep up with unprecedented national demand, the lab looked for a way to get the supplies it needs, and support small businesses in Northern New Mexico at the same time. >> Read More

Student and Campus Life
UC is committed to ensuring continuity and providing resources for its campus and lab communities.

- A team of researchers at the UC Berkeley School of Public Health is launching a new initiative to offer universal testing to students, staff and faculty as they return to campus and to develop rapid response protocols and effective infection control. >> Read More
- UC Davis Continuing and Professional Education is offering free, weekly webinars as part of a its “Future-Proof: How to Manage Your Career in Times of Change” series

Follow @UofCAHealth for COVID-19 Updates
aimed at helping people find employment and advance their careers in the new environment. >> Read More

- UC San Diego students have met the coronavirus challenge with resiliency and act of kindness: From launching a pen pal program for seniors to combat loneliness to sharing nutritious yet affordable recipes with their fellow students, and much more, they have found creative ways to stay involved with the campus and give back. >> Read More
- A UC Santa Cruz-based nonprofit program, GetVirtual, is enlisting student interns and pairing them with local businesses who are struggling to make the transition from foot-traffic to online orders and sales. >> Read More

Research
UC researchers continue to advance understanding and develop new tools to address and respond to the COVID-19 pandemic. Below are highlights of some of the efforts taking place.

- UC Merced professors are leading and participating in four technology projects designed to mitigate the COVID-19 crisis. >> Read More
- UC Riverside Assistant Professor of Mechanical Engineering Mona Eskandari is conducting research to combat lung damage due to overventilation. >> Read More
- Researchers at UC Santa Barbara are developing techniques to detect COVID-19 by using the community’s wastewater to monitor infection rates in the local community. >> Read More
- UC Irvine physicists are exploring the use of Blu-ray disc lasers to kill COVID-19 and other viruses. >> Read More
- To address the shortage of nasal swabs in the country, engineers at Lawrence Livermore National Laboratory formed an ad hoc, rapid response team that has tested more than a dozen novel, 3D-printed nasal swab designs from a coalition of commercial and academic partners. >> Read More
- Scientists reveal a potential coronavirus therapy using structural biology and Lawrence Berkeley National Lab’s Advanced Light Source. >> Read More

Ongoing Challenges
We are thankful for the emergency legislation that has been signed into law, but know that our community won’t fully recover without additional investments in research, health care and education.

- Last week, we shared with your office a letter from UC President Janet Napolitano and the 10 campus chancellors that was sent to the U.S. Departments of State and Homeland Security outlining many of the issues that international students, scholars and other international members of our university community face in the wake of COVID-19. >> Read More
- Details about UC’s specific priorities and ongoing challenges are detailed in an April 10 letter from UC President Napolitano that was shared with your office. >> Read More

Learn More About UC’s Coronavirus Response Efforts

If you have any questions about this week’s update or other issues, please contact Chris Harrington with UC’s Office of Federal Governmental Relations.