

Feature Story



A new paradigm for mental health research and patient care: Bridging science and medicine to advance human potential

October celebrates **World Mental Health Day**, an opportunity to raise awareness and mobilize efforts in support of mental health. Over the past year and a half, we have seen the COVID-19 pandemic take its toll on the mental health of many and create new barriers for those already suffering from mental illness.

The **Department of Psychiatry and Behavioral Sciences** is dismantling these barriers by rapidly translating great science to redefine state-of-the-art standards of care for millions of people affected by mental disorders. Learn about the transformative work taking place throughout local and global communities, and how philanthropy is pivotal to advancing these endeavors and making a difference in transforming lives. [Explore the stories >](#)

Stanford Medicine in the News



How ovarian cancers evade the immune system

Stanford researchers have found that a common ovarian cancer evades detection by convincing nearby immune cells to treat it as a developing fetus. [Learn more >](#)



Can major surgery increase risk for Alzheimer's disease?

A small study by Stanford Medicine researchers puts a fine point on the concern that major surgery, which is highly invasive, may accelerate cognitive decline in some patients. During cardiac surgery, patients' blood levels of a substance highly predictive of Alzheimer's disease jumped more than five-fold. [Learn more >](#)



Routine COVID-19 testing can help schools stay open, researchers say

Researchers argue that data from routine COVID-19 contact tracing and testing could help schools remain open. [Learn more >](#)



Stanford Byers Center for Biodesign celebrates 20 years of innovation education

A training program for health technology innovators, the center has generated medical technologies that have helped millions of patients and inspired similar training programs worldwide. [Learn more >](#)



The most mysterious organ: Unlocking the secrets of the brain

New ways to prevent—or even reverse—dementia, paralysis and blindness. Exploring how women's trauma recovery differs from men's. Treating stroke more than a few hours after the crisis is no longer considered absurd. A vibrating glove that could stop Parkinson's symptoms. This neurology-focused issue of *Stanford Medicine* magazine explores scientific advances that are helping unlock the mysteries of the brain. [Learn more >](#)

Stanford Health Care Spotlight



Stanford Health Care – ValleyCare marks 60 years of community-focused care

Launched by residents and leaders of the Tri-Valley eager for robust local health care, Valley Memorial Hospital, now Stanford Health Care – ValleyCare, celebrates 60 years of service to its community. [Learn more >](#)



Stanford supports health workers conducting COVID-19 vaccine outreach in area's Latinx community

Stanford faculty members are collaborating with community health workers to promote COVID-19 vaccine awareness and public health guidelines in the area's Latinx community. [Learn more >](#)



Using procedure he invented, surgeon at Stanford Health Care – Valley Care fixes patient's atrial fibrillation

Silas Richardson was in the hospital with a heart rhythm disorder that his doctors couldn't get under control. Surgery at Stanford Health Care – ValleyCare solved the problem. [Learn more >](#)

Stanford Medicine Honors and Faculty in the News



Neuroscientist Michelle Monje awarded MacArthur 'genius grant'

The neuroscientist and pediatric neuro-oncologist is being recognized for her work to understand healthy brain development and create therapies for a group of lethal brain tumors. [Learn more >](#)



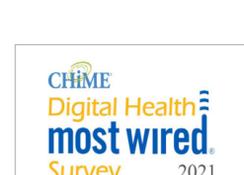
Karl Deisseroth shares Lasker Award for research on microbial molecules behind optogenetics

Discoveries by Deisseroth and his two co-recipients regarding microbial light-activated molecules led to his development of a way to manipulate selected neurons in living animals to observe changes in their behavior. [Learn more >](#)



Stanford Medicine recognized for promoting well-being of health care workers

Stanford Medicine is the only organization to receive the American Medical Association's gold-level Joy in Medicine award every year it has been given. [Learn more >](#)



Stanford Health Care honored for technology that improves patient care

Stanford Health Care earned a Most Wired award for the use of digital technology that reduces costs, improves patient safety and experience, and enhances access to care. [Learn more >](#)

Recent and Upcoming Events



Frontiers in Medicine 2021

As COVID-19 continues to show us, the need for thorough, science-grounded medical research to guide health care is more critical than ever. Watch these recorded talks from leading experts at Stanford to learn about the promise, progress, and hope that science brings humanity. And listen to Dean Lloyd Minor, MD, and Condoleezza Rice, PhD, deliver a special performance of Robert Schumann's *Fantasy Pieces, Opus 73*. [Watch the videos >](#)



The Pandemic Puzzle: Tracking and mitigating a 21st century pandemic

As we contend with COVID-19, how can we prepare for, and possibly prevent, the next pandemic? This October 28 session will convene leading epidemiologists, technologists, public health advocates, and government leaders to discuss how to improve and modernize critical elements of any global response to blunt the impact of emerging infectious diseases. [Learn more >](#)

COVID-19: Taking Action—How You Can Help

We are grateful for the expressions of generosity and desire to help coming from across our community. There are various ways in which you can support our response to this ongoing crisis.

- **Improve vaccination awareness**

Stanford researchers are now working to understand the diverse views regarding COVID-19 vaccination. We encourage you to help us by completing this one-time [COVID-19 Vaccine Views Survey](#).

- **Give blood or plasma**

The Stanford Blood Center urges those who are healthy, and who haven't been in contact with someone who has COVID-19, to make urgently needed blood donations. [Learn more >](#)

- **Participate in COVID-19 research**

Our Research Registry connects people like you with teams conducting research to make advances in health care. If you are eligible for a study, researchers may contact you to provide additional details on how to participate. [Learn more >](#)

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