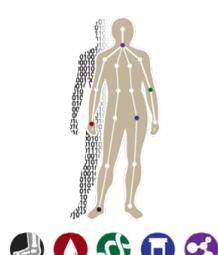


Feature Story



**PRECISION HEALTH
& Integrated Diagnostics**

New Precision Health and Integrated Diagnostics Center (PHIND) established to diagnose disease earlier, stop it before it causes real damage

The first-of-its-kind center supports the work of dozens of scientists, eager to test out nontraditional health-research ideas. With prevention-focused research currently in the areas of diabetes, depression, cardiovascular health, and cancer diagnostics, projects include measuring transitions from health to disease using wearables, implantables, data analytics, and molecular mechanisms among others. [Learn more >](#)

Stanford Medicine in the News



Stanford scientists find way to predict success of cancer 'vaccine'

The results of a new study published by Sanjiv "Sam" Gambhir, MD, PhD, and a team of scientists show that by using a radioactive tracer, a PET scan can be used to quickly tell whether a cancer immunotherapy will be effective or not. The tracer could also become a powerful tool to detect autoimmune diseases. [Learn more >](#)



Engineered immune cells eradicate deadly brain tumors in mice, moving on to human trials

Michelle Monje, MD, PhD, and a team of Stanford scientists have been studying diffuse intrinsic pontine glioma, a severe cancer of the brainstem with no cure. In mice, the researchers were able to clear the fatal brainstem tumor by injecting it with engineered T cells that recognized the cancer and targeted it for destruction. The discovery is now moving to human clinical trials. [Learn more >](#)



Stanford researchers develop free-floating "brain balls" that mimic architecture of cerebral cortex

A group of Stanford scientists, led by Sergiu Pasca, MD, have figured out how to create spheres of neuronal cells resembling the cerebral cortex. This first-of-its-kind discovery provides functional human brain tissue on which scientists can study a wide range of neurological diseases, such as Alzheimer's, autism, and schizophrenia. [Learn more >](#)

Giving Matters



From loss to a legacy of hope: a father's journey

Dr. George Ting shares his journey from loss to healing in a brief but moving short film and explains why he chose to establish the Esther Ting Memorial Professorship in addiction medicine at Stanford in honor of his daughter. [Watch the story >](#)



Philanthropic couple supports high-risk, high-reward science to unleash innovation

When Bill and Brenda Younger learned that an anonymous donor offered a 1:3 Biomedical Innovation Challenge Match to establish a number of endowed professorships for basic science faculty, they jumped at the opportunity to help. [Learn more >](#)

Read additional impactful [Stanford gift stories](#) and [explore why giving matters.](#) >

Stanford Health Care Spotlight



Stanford Medicine appoints inaugural chair of Department of Emergency Medicine

Andra Blomkalns, MD, previously a professor of emergency medicine at the University of Texas Southwestern Medical Center, has been appointed the inaugural chair of the Department of Emergency Medicine at Stanford. A proven innovator and leader, her research has focused on cardiovascular emergencies, obesity, and dietary influences on health and disease. [Learn more >](#)



Woman survives massive stroke as a result of Stanford stroke study

In April 2017, Cindi, a 46-year old graphic designer from Salinas, took part in a clinical trial using imaging software developed at Stanford Medicine. The study has shown that far more people than previously thought can benefit from an emergency procedure called a thrombectomy for acute ischemic stroke. So despite the number of hours that had elapsed since her stroke, the team was able to remove the clot in her brain allowing her to eventually talk, walk, drive, and return to work. [Learn more >](#)



New hospital project progresses, Stanford Medicine prepares to celebrate with community

As [new footage of the new Stanford Hospital construction](#) shows us how rapidly it's moving toward completion, Stanford Medicine is launching the Voices of the Community project to engage people from all neighborhoods and ages in the creation of a commemorative digital mosaic to be unveiled at our opening events. Be a part of your new hospital—join thousands of your neighbors lending their voices and creativity to celebrate the addition of this new world-class facility. Local collection events will be held throughout the fall and winter. [Learn more >](#)

Recent and Upcoming Events



Another successful Health Matters event held on campus

More than 1,100 Bay Area residents attended this year's Stanford Medicine community day, where over a dozen faculty speakers gave presentations on a range of topics, from immunotherapy to genome sequencing, heart health, high blood pressure, and more. Couldn't join us this year? You can still view all the talks online and share them with others! [Learn more >](#)



Celebrating a legacy of firsts while previewing a promising future for heart health

Stanford Medicine faculty leaders, friends, and supporters recently gathered on campus to celebrate the first heart transplant in the United States and 50 years of success in cardiovascular medicine at Stanford. The event, which featured keynotes, a panel discussion, and interactive displays, capped off a month-long celebration of Heart Health Month. [Learn more >](#)



Discovery Innovation Awards celebration

Stanford Medicine's Discovery Innovation Awards support early-stage research that could exponentially accelerate our understanding of human biology—and our ability to predict, prevent, and cure disease. The winners of these competitive research grants were recently honored at an event that included fascinating flash talks and hands-on innovation stations. [Learn more >](#)

Learn more about the [variety of exciting events](#) happening every day across Stanford Medicine.

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