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news for friends of Stanford Medicine winter 2017

Feature Story



Heart Health Month celebrations and Stanford Cardiology in the news

Even though Heart Health month is over, there are still several opportunities to [attend a free event and hear about the latest in cardiac treatments and prevention](#). Not able to attend an event? Read about the many exciting recent discoveries in cardiovascular disease prevention, research, and treatment coming out of Stanford Medicine in our cardiology news wrap-up. [Learn more >](#)

Stanford Medicine in the News



Stanford scientists create artificial intelligence algorithm to diagnose skin cancer

Universal access to health care was on the minds of computer scientists at Stanford when they set out to create an artificially intelligent diagnosis algorithm for skin cancer. They created a database of nearly 130,000 skin disease images and trained the algorithm to visually diagnose potential cancer. From the very first test, it performed with inspiring accuracy. [Learn more >](#)



New wearable sensors predict when you are getting sick

New research from Stanford professor and chair of genetics, Michael Snyder, PhD, shows that fitness monitors and other wearable biosensors can tell when an individual's heart rate, skin temperature, and other measures are abnormal, suggesting possible illness before it occurs. The results of Dr. Snyder's current study raises the possibility of identifying inflammatory disease in individuals who may not even know they are getting sick. [Learn more >](#)



First cohort of Chan Zuckerberg Biohub investigators to include variety of Stanford faculty

The Chan Zuckerberg Biohub has announced that 19 Stanford faculty members will be among its first cohort of 47 investigators from Bay Area university collaborators. These investigators will work toward curing, preventing, and managing every disease. [Learn more >](#)

Giving Matters



A brother's gift: Riding to support research in triple negative breast cancer

When the unexpected diagnosis of triple negative breast cancer came for his sister Shelley, Rakesh Marwah, MD, knew that Stanford, with its world-class oncology faculty and one of the nation's leading experts in the disease, was where she should be treated. From the time of Shelley's diagnosis until she was finished with her treatment and in recovery, there was a feeling that the family wanted to do something to express thanks and inspire others. [Learn more >](#)

Notable Faculty News



Karl Deisseroth receives Harvey Prize in Human Health for contribution to optogenetics

The Harvey Prize, established by industrialist and inventor Leo Harvey, recognizes researchers who have made breakthroughs in science and technology of benefit to humanity. Optogenetics has "revolutionized neurobiology," the prize administrators wrote. [Learn more >](#)

Read about more recent notable [Stanford faculty honors, awards, and appointments](#). >

Recent and Upcoming Events



2017 Women's Health Lunch

On Tuesday, January 31, Stanford Medicine's Community Council hosted its annual Women's Health Lunch in Menlo Park. More than 200 members of the community came together to hear this year's speaker, Maya Adam, MD, author of the book *Food Love Family: A Practical Guide to Child Nutrition*.



Save the Date – Health Matters 2017 Community Day

Explore the latest advancements in medicine and the health topics that matter most to you and your family. Join us for a fun day on campus and experience the best of Stanford Medicine—world-class faculty speakers, an outdoor interactive pavilion, a med school morning program for teens, and much more! Registration opens in early April.

Saturday, May 20
[Learn more >](#)



Big Data in Biomedicine Conference: Transforming lives through Precision Health

Join researchers and leaders from academia, hospitals, government, and industry for two days that will spark collaborations, address challenges, and identify actionable steps for using large-scale data analysis and technology to improve human health.

Wednesday, May 24
[Learn more >](#)

Campaign for Stanford Medicine "Thanks to You" event

On Sunday, February 12, more than 200 supporters, staff, and faculty leaders came together to celebrate the conclusion of the successful Campaign for Stanford Medicine. Stay tuned for a regular feature launching in the next edition of this newsletter to share both the financial accomplishments and the stories of human lives impacted by the historic four-year fundraising effort.

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

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