

the equation



news for friends of Stanford Medicine fall 2017

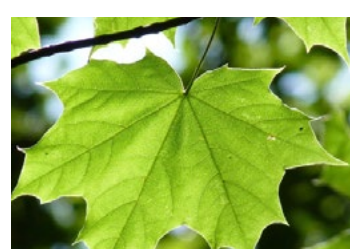
Feature Story



Philanthropic funding to Stanford Medicine supports record high recruitment and diversity among new bioscience graduate students

The School of Medicine has set new records in its recruitment statistics for doctoral students following the implementation of the Biomedical Innovation Initiative, a funding model that encourages graduate students to follow their passion and take risks. [Learn more >](#)

Stanford Medicine in the News



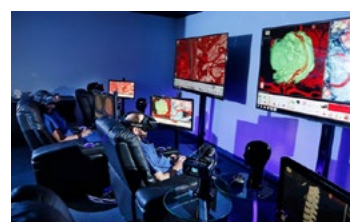
Solar-powered heart: Stanford scientists use photosynthesis to help damaged hearts

In the hunt for better treatments for heart disease, researchers found that by using bacteria and light to trigger photosynthesis they were able to increase the flow of oxygen and improve heart function in laboratory rats. [Learn more >](#)



Researchers identify biomarkers associated with chronic fatigue syndrome severity

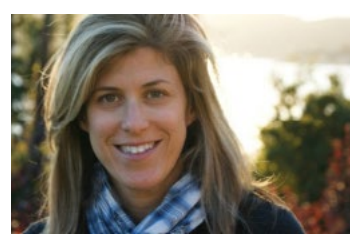
Stanford investigators used high-throughput analysis to link inflammation to chronic fatigue syndrome, a difficult-to-diagnose disease with no known cure. The findings provide evidence that inflammation is a powerful driver of this mysterious condition, whose underpinnings have eluded researchers for 35 years. [Learn more >](#)



Virtual reality system helps surgeons, reassures patients

Stanford Medicine is using a new software system that combines imaging from MRIs, CT scans, and angiograms to create a three-dimensional model that physicians and patients can see and manipulate—just like a virtual reality game. [Learn more >](#)

Giving Matters



Clinical trial gift honors wife, offers hope

When Sara Schottenstein was diagnosed with a rare gastric cancer, her husband Jeff left no stone unturned in exploring solutions beyond traditional methods, ultimately helping to launch a dual-drug clinical trial at Stanford in her honor. [Learn more >](#)



Investing in future outcomes

Chris Redlich's transformational bequest gift will establish a competitive process to provide awards that allow young faculty to come to Stanford with an idea and pursue that idea, wherever it leads. [Learn more >](#)



Gift establishes new Stanford Center for Cancer Cell Therapy

Silicon Valley entrepreneur Jeffrey Rothschild and his wife, Marieke, have provided funding for a new venture at Stanford Medicine to test cancer cell therapies. [Learn more >](#)

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

Stay Connected with Stanford Medicine



New Stanford Radio on SiriusXM features 'living room conversations' with faculty

The satellite radio company has begun broadcasting two new programs featuring Stanford faculty members—as hosts and guests—on its "Insight Channel," which is devoted to informative and entertaining conversations. After the programs have aired on SiriusXM, they are also available for free on iTunes and Stanford Radio. [Learn more >](#)



New Online Center for Health Education Launched

Stanford seeks to improve global health through a new online medical training initiative for people of all skill levels. The new center will be directed by Charles Prober, MD, the medical school's former senior associate dean for medical education and a pioneer in advancing health education through digital training. [Learn more >](#)



Stanford Medicine launches inaugural Health Trends Report

A comprehensive review and analysis of existing health-care research and open-source data, combined with insights from Stanford faculty and external health-care experts. The report, which will be published annually, found the promise and challenge of big data to be the most important forces driving change and improvements across health care today. [Download it here >](#)

Notable Faculty News



Stanford Medicine faculty win prestigious NIH Pioneer Award

Amit Etkin, MD, PhD, associate professor of psychiatry and behavioral sciences, and Justin Sonnenburg, PhD, associate professor of microbiology and immunology were granted the prize by the National Institutes of Health (NIH). The award honors them as exceptionally creative scientists pursuing new research directions. [Learn more >](#)

Recent Events



Mary M. and Sash A. Spencer Center for Vision Research Dedication at the Byers Eye Institute

Mary Spencer helped Stanford Medicine leaders to celebrate the launch of the new center dedicated to effectively translating novel therapies to bring them from the lab to the clinic more rapidly. [Learn more >](#)



2017 Frontiers in Medicine: The New Old – Live Long, Live Lively

This year's event featured four fascinating talks about how biomedical breakthroughs are redefining what it means to be "old." Invitees enjoyed dinner and posed their questions to more than two dozen world-leading scientists, Stanford University School of Medicine Dean Lloyd B. Minor, MD, and Stanford Health Care CEO David Entwistle. [Watch the presentations >](#)

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

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